

Safety Data Sheet

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This Safety Data Sheet has been prepared in accordance with the REACH Regulation (1907/2006), as amended for GB.

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

3MTM Weld-Thru Coating, PN 50410

Product Identification Numbers

UU-0090-2588-1

7100143689

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses

Automotive.

1.3. Details of the supplier of the safety data sheet

Address: 3M United Kingdom PLC, 3M Centre, Cain Road, Bracknell, Berkshire, RG12 8HT.

Telephone: +44 (0)1344 858 000 **E Mail:** tox.uk@mmm.com **Website:** www.3M.com/uk

1.4. Emergency telephone number

+44 (0)1344 858 000

SECTION 2: Hazard identification

2.1. Classification of the substance or mixture

The retained CLP Regulation (EU) No 1272/2008 as amended for Great Britain

The health and environmental classifications of this material have been derived using the calculation method, except in cases where test data are available or the physical form impacts classification. Classification(s) based on test data or physical form are noted below, if applicable.

CLASSIFICATION:

Aerosol, Category 1 - Aerosol 1; H222, H229

Skin Corrosion/Irritation, Category 2 - Skin Irrit. 2; H315

Serious Eye Damage/Eye Irritation, Category 2 - Eye Irrit. 2; H319

Carcinogenicity, Category 1B - Carc. 1B; H350

Specific Target Organ Toxicity-Repeated Exposure, Category 2 - STOT RE 2; H373

Specific Target Organ Toxicity-Single Exposure, Category 3 - STOT SE 3; H336

Aspiration Hazard, Category 1 - Asp. Tox. 1; H304

Hazardous to the Aquatic Environment (Acute), Category 1 - Aquatic Acute 1; H400 Hazardous to the Aquatic Environment (Chronic), Category 1 - Aquatic Chronic 1; H410

For full text of H phrases, see Section 16.

2.2. Label elements

The retained CLP Regulation (EU) No 1272/2008 as amended for Great Britain

SIGNAL WORD

DANGER.

Symbols

GHS02 (Flame) |GHS07 (Exclamation mark) |GHS08 (Health Hazard) |GHS09 (Environment) |

Pictograms









| Ingredient | CAS Nbr | EC No. | % by Wt |
|---------------------------------------|------------|-----------|------------|
| acetone | 67-64-1 | 200-662-2 | 30 - 60 |
| Petroleum gases, liquefied, sweetened | 68476-86-8 | 270-705-8 | 10 - 35 |
| ethylbenzene | 100-41-4 | 202-849-4 | <= 10 |
| xylene | 1330-20-7 | 215-535-7 | <= 10 |
| cumene | 98-82-8 | 202-704-5 | 0.01 - 0.2 |
| stoddard solvent | 8052-41-3 | 232-489-3 | <= 1 |

HAZARD STATEMENTS:

| H222 | Extremely flammable aerosol. |
|------|---|
| H229 | Pressurised container: may burst if heated. |
| H315 | Causes skin irritation. |
| H319 | Causes serious eve irritation |

H319 Causes serious eye irritation.

H350 May cause cancer. H336

May cause drowsiness or dizziness.

H304 May be fatal if swallowed and enters airways.

May cause damage to organs through prolonged or repeated exposure: nervous system | sensory H373

organs.

H410 Very toxic to aquatic life with long lasting effects.

PRECAUTIONARY STATEMENTS

General:

P102 Keep out of reach of children.

Prevention:

P201 Obtain special instructions before use.

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P211 Do not spray on an open flame or other ignition source.

P251 Do not pierce or burn, even after use.

P280K Wear protective gloves and respiratory protection.

Response:

P301 + P310 IF SWALLOWED: Immediately call a POISON CENTRE or doctor/physician.

P308 + P313 IF exposed or concerned: Get medical advice/attention.

P331 Do NOT induce vomiting.

Storage:

P410 + P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

Disposal:

P501 Dispose of contents/container in accordance with applicable local/regional/national/international

regulations.

SUPPLEMENTAL INFORMATION:

Supplemental Precautionary Statements:

Restricted to professional users.

10% of the mixture consists of components of unknown acute oral toxicity.

10% of the mixture consists of components of unknown acute dermal toxicity.

10% of the mixture consists of components of unknown acute inhalation toxicity.

Contains 10% of components with unknown hazards to the aquatic environment.

EU VOC Directive (2004/42/EC) labelling: 2004/42/EC IIB(e)(840)

750g/l

Nota K applied. Nota P applied.

Nota K applied for CAS #68476-86-8 and Nota P applied for CAS #8052-41-3.

2.3. Other hazards

May displace oxygen and cause rapid suffocation.

This material does not contain any substances that are assessed to be a PBT or vPvB

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

| Ingredient | Identifier(s) | % | | Classification according to Regulation |
|---------------------------------------|----------------------|------|----|--|
| | | | | (EC) No. 1272/2008 [CLP], as |
| | | | | amended for GB |
| acetone | (CAS-No.) 67-64-1 | 30 - | 60 | Flam. Liq. 2, H225 |
| | (EC-No.) 200-662-2 | | | Eye Irrit. 2, H319 |
| | | | | STOT SE 3, H336 |
| | | | | EUH066 |
| Petroleum gases, liquefied, sweetened | (CAS-No.) 68476-86-8 | 10 - | 35 | Flam. Gas 1A, H220 |

| | (EC-No.) 270-705-8 | | Liquified gas, H280 Nota K,S,U STOT SE 3, H336 |
|---|--|---------------|---|
| Non-hazardous ingredients | Trade Secret | <= 10 | Substance not classified as hazardous |
| ethylbenzene | (CAS-No.) 100-41-4 (EC-No.) 202-849-4 | <= 10 | Flam. Liq. 2, H225 Acute Tox. 4, H332 Asp. Tox. 1, H304 STOT RE 2, H373 Aquatic Chronic 3, H412 |
| n-butyl acetate | (CAS-No.) 123-86-4 (EC-No.) 204-658-1 | <= 10 | Flam. Liq. 3, H226 STOT SE 3, H336 EUH066 |
| Zinc | (CAS-No.) 7440-66-6 (EC-No.) 231-175-3 | <= 10 | Aquatic Acute 1, H400,M=10 Aquatic Chronic 1, H410,M=10 |
| Aluminium | (CAS-No.) 7429-90-5 (EC-No.) 231-072-3 | <= 10 | Flam. Sol. 1, H228 Water-react. 2, H261 Nota T |
| xylene | (CAS-No.) 1330-20-7 (EC-No.) 215-535-7 | <= 10 | Flam. Liq. 3, H226 Acute Tox. 4, H332 Acute Tox. 4, H312 Skin Irrit. 2, H315 Nota C Asp. Tox. 1, H304 Eye Irrit. 2, H319 STOT SE 3, H335 STOT RE 2, H373 Aquatic Chronic 3, H412 |
| cumene | (CAS-No.) 98-82-8 (EC-No.) 202-704-5 | 0.01 - 0.2 | Flam. Liq. 3, H226 Asp. Tox. 1, H304 STOT SE 3, H335 Aquatic Chronic 2, H411 |
| Quaternary ammonium compounds, bis(hydrogenated tallow alkyl)dimethyl, salts with bentonite | (CAS-No.) 68953-58-2 (EC-No.) 273-219-4 | <= 1 | Substance not classified as hazardous |
| Zeolites | (CAS-No.) 1318-02-1 (EC-No.) 215-283-8 | <= 1 | Substance with a national occupational exposure limit |
| Solvent naphtha (petroleum), light arom. | (CAS-No.) 64742-95-6 (EC-No.) 265-199-0 | <= 1 | Asp. Tox. 1, H304 Nota P Flam. Liq. 3, H226 Skin Irrit. 2, H315 STOT SE 3, H336 Aquatic Chronic 3, H412 |
| zinc oxide | (CAS-No.) 1314-13-2 (EC-No.) 215-222-5 | <= 1 | Aquatic Acute 1, H400,M=1 Aquatic Chronic 1, H410,M=1 |
| stoddard solvent | (CAS-No.) 8052-41-3 (EC-No.) 232-489-3 | <= 1 | Asp. Tox. 1, H304 STOT RE 1, H372 Nota P Skin Irrit. 2, H315 Aquatic Chronic 3, H412 |
| toluene | (CAS-No.) 108-88-3 (EC-No.) 203-625-9 | <= 1 | Flam. Liq. 2, H225 Asp. Tox. 1, H304 |

| Skin Irrit. 2, H315 |
|-------------------------|
| Repr. 2, H361d |
| STOT SE 3, H336 |
| STOT RE 2, H373 |
| Aquatic Chronic 3, H412 |

Please see section 16 for the full text of any H statements referred to in this section

For information on ingredient occupational exposure limits or PBT or vPvB status, see sections 8 and 12 of this SDS

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation

Remove person to fresh air. Get medical attention.

Skin contact

Wash with soap and water. If signs/symptoms develop, get medical attention.

Eye contact

Immediately flush with large amounts of water for at least 15 minutes. Remove contact lenses if easy to do. Continue rinsing. Immediately get medical attention.

If swallowed

Do not induce vomiting. Get immediate medical attention.

4.2. Most important symptoms and effects, both acute and delayed

The most important symptoms and effects based on the GB CLP classification include:

Irritation to the skin (localized redness, swelling, itching, and dryness). Serious irritation to the eyes (significant redness, swelling, pain, tearing, and impaired vision). Aspiration pneumonitis (coughing, gasping, choking, burning of the mouth, and difficulty breathing). Central nervous system depression (headache, dizziness, drowsiness, incoordination, nausea, slurred speech, giddiness, and unconsciousness). Target organ effects. See Section 11 for additional details.

4.3. Indication of any immediate medical attention and special treatment required

Exposure may increase myocardial irritability. Do not administer sympathomimetic drugs unless absolutely necessary.

SECTION 5: Fire-fighting measures

5.1. Extinguishing media

Use a fire fighting agent suitable for the surrounding fire.

5.2. Special hazards arising from the substance or mixture

Closed containers exposed to heat from fire may build pressure and explode.

Hazardous Decomposition or By-Products

Substance
Carbon monoxide
Carbon dioxide.

During combustion. During combustion.

Condition

5.3. Advice for fire-fighters

Water may not effectively extinguish fire; however, it should be used to keep fire-exposed containers and surfaces cool and prevent explosive rupture. Wear full protective clothing, including helmet, self-contained, positive pressure or pressure demand breathing apparatus, bunker coat and pants, bands around arms, waist and legs, face mask, and protective covering for exposed areas of the head.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Evacuate area. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Use only non-sparking tools. Ventilate the area with fresh air. For large spill, or spills in confined spaces, provide mechanical ventilation to disperse or exhaust vapours, in accordance with good industrial hygiene practice. Warning! A motor could be an ignition source and could cause flammable gases or vapours in the spill area to burn or explode. Refer to other sections of this SDS for information regarding physical and health hazards, respiratory protection, ventilation, and personal protective equipment.

6.2. Environmental precautions

Avoid release to the environment. For larger spills, cover drains and build dykes to prevent entry into sewer systems or bodies of water.

6.3. Methods and material for containment and cleaning up

If possible, seal leaking container. Place leaking containers in a well-ventilated area, preferably an operating exhaust hood, or if necessary outdoors on an impermeable surface until appropriate packaging for the leaking container or its contents is available. Contain spill. Cover spill area with a fire extinguishing foam that is resistant to polar solvents. Working from around the edges of the spill inward, cover with bentonite, vermiculite, or commercially available inorganic absorbent material. Mix in sufficient absorbent until it appears dry. Remember, adding an absorbent material does not remove a physical, health, or environmental hazard. Collect as much of the spilled material as possible using non-sparking tools. Place in a metal container approved for transportation by appropriate authorities. Clean up residue with detergent and water. Seal the container. Dispose of collected material as soon as possible.

6.4. Reference to other sections

Refer to Section 8 and Section 13 for more information

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Do not use in a confined area with minimal air exchange. Keep out of reach of children. Do not handle until all safety precautions have been read and understood. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use. Do not breathe dust/fume/gas/mist/vapours/spray. Do not get in eyes, on skin, or on clothing. Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Avoid contact with oxidising agents (eg. chlorine, chromic acid etc.) Use personal protective equipment (eg. gloves, respirators...) as required.

7.2. Conditions for safe storage including any incompatibilities

Store in a well-ventilated place. Keep container tightly closed. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. Store away from heat. Store away from acids. Store away from strong bases. Store away from oxidising agents. Store away from amines.

7.3. Specific end use(s)

See information in Section 7.1 and 7.2 for handling and storage recommendations. See Section 8 for exposure controls and personal protection recommendations.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limits

If a component is disclosed in section 3 but does not appear in the table below, an occupational exposure limit is not available for the component.

IngredientCAS Nbr
ethylbenzeneAgency
100-41-4Limit type
UK HSCAdditional comments
TWA:441 mg/m3(100Additional comments
SKIN

| | | | ppm);STEL:552 mg/m3(125 ppm) | |
|-------------------------|-----------|--------|---|------|
| toluene | 108-88-3 | UK HSC | TWA: 191 mg/m ³ (50 ppm); STEL: 384 mg/m ³ (100 ppm) | SKIN |
| n-butyl acetate | 123-86-4 | UK HSC | TWA:724 mg/m3(150 ppm);STEL:966 mg/m3(200 ppm) | |
| DUST, INERT OR NUISANCE | 1314-13-2 | UK HSC | TWA(as respirable dust):4 mg/m3;TWA(as inhalable dust):10 mg/m3 | |
| Aluminium oxides | 1318-02-1 | UK HSC | TWA(as respirable dust):4 mg/m3;TWA(as inhalable dust):10 mg/m3 | |
| xylene | 1330-20-7 | UK HSC | TWA:220 mg/m3(50 ppm);STEL:441 mg/m3(100 ppm) | SKIN |
| acetone | 67-64-1 | UK HSC | TWA:1210 mg/m³(500 ppm);STEL:3620 mg/m³(1500 ppm) | |
| Aluminium | 7429-90-5 | UK HSC | TWA(as respirable dust):4 mg/m3;TWA(as inhalable dust):10 mg/m3 | |
| cumene | 98-82-8 | UK HSC | TWA:125 mg/m³(25 ppm);STEL:250 mg/m³(50 ppm) | SKIN |
| | | | : | |

UK HSC: UK Health and Safety Commission

TWA: Time-Weighted-Average STEL: Short Term Exposure Limit

CEIL: Ceiling

Biological limit values

| Ingredient | CAS | Agency | Determinant | Biological | Sampling | Value | Additional |
|---------------------|------------|---------------------|---------------------|---------------|----------|--------------|------------|
| | Nbr | | | Specimen | Time | | comments |
| xylene | 1330- | UK EH40 | Methyl | Creatinine in | EOS | 650 mmol/mol | |
| • | 20-7 | BMGVs | hippuric acid | urine | | | |
| UK EH40 BMGVs : UK. | EH40 Biolo | ogical Monitoring C | duidance Values (BM | (IGVs) | | | |
| EOS: End of shift. | | | | | | | |

8.2. Exposure controls

8.2.1. Engineering controls

Do not remain in area where available oxygen may be reduced. Use general dilution ventilation and/or local exhaust ventilation to control airborne exposures to below relevant Exposure Limits and/or control dust/fume/gas/mist/vapours/spray. If ventilation is not adequate, use respiratory protection equipment. Use explosion-proof ventilation equipment.

8.2.2. Personal protective equipment (PPE)

Eye/face protection

Select and use eye/face protection to prevent contact based on the results of an exposure assessment. The following eye/face protection(s) are recommended: Indirect vented goggles.

Applicable Norms/Standards

Use eye protection conforming to EN 166

Skin/hand protection

Select and use gloves and/or protective clothing approved to relevant local standards to prevent skin contact based on the results of an exposure assessment. Selection should be based on use factors such as exposure levels, concentration of the substance or mixture, frequency and duration, physical challenges such as temperature extremes, and other use conditions. Consult with your glove and/or protective clothing manufacturer for selection of appropriate compatible gloves/protective clothing. Note: Nitrile gloves may be worn over polymer laminate gloves to improve dexterity. Gloves made from the following material(s) are recommended:

MaterialThickness (mm)Breakthrough TimePolymer laminateNo data availableNo data available

Applicable Norms/Standards
Use gloves tested to EN 374

Respiratory protection

An exposure assessment may be needed to decide if a respirator is required. If a respirator is needed, use respirators as part of a full respiratory protection program. Based on the results of the exposure assessment, select from the following respirator type(s) to reduce inhalation exposure:

Half facepiece or full facepiece air-purifying respirator suitable for organic vapours and particulates Organic vapour respirators may have short service life.

For questions about suitability for a specific application, consult with your respirator manufacturer.

Applicable Norms/Standards

Use a respirator conforming to EN 140 or EN 136: filter types A & P

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical stateLiquid.Specific Physical Form:AerosolColourGreyOdorSolvent

Odour thresholdNo data available.Melting point/freezing pointNot applicable.Boiling point/boiling rangeNot applicable.Flammability (solid, gas)Not applicable.

Flammable Limits(LEL)

Flammable Limits(UEL)

12.8 %

Flash point -104.4 °C [Test Method: Pensky-Martens Closed Cup]

[Details: Based on propellant]

Autoignition temperatureNo data available.Decomposition temperatureNo data available.pHsubstance/mixture is non-soluble (in water)

Kinematic Viscosity

No data available.

Water solubility

Solubility- non-water

Partition coefficient: n-octanol/water

Vapour pressure

Appreciable

No data available.

No data available.

10,665.8 - 11,999 Pa

Density 0.952 g/ml

Relative density0.952 [Ref Std:WATER=1]Relative Vapour DensityNegligible [Details:Heavier than air]

9.2. Other information

9.2.2 Other safety characteristics

EU Volatile Organic CompoundsNo data available.Evaporation rateNo data available.Percent volatile82.6 % weight

SECTION 10: Stability and reactivity

10.1 Reactivity

This material may be reactive with certain agents under certain conditions - see the remaining headings in this section

10.2 Chemical stability

Stable.

10.3 Possibility of hazardous reactions

Hazardous polymerisation will not occur.

10.4 Conditions to avoid

Heat.

10.5 Incompatible materials

Strong acids.
Strong bases.
Strong oxidising agents.
Amines.

10.6 Hazardous decomposition products

Substance

Condition

None known.

Refer to section 5.2 for hazardous decomposition products during combustion.

SECTION 11: Toxicological information

The information below may not agree with the material classification in Section 2 and/or the ingredient classifications in Section 3 if specific ingredient classifications are mandated by a competent authority. In addition, statements and data presented in Section 11 are based on UN GHS calculation rules and classifications derived from 3M assessments.

11.1. Information on hazard classes as defined in the retained CLP Regulation (EU) No 1272/2008, as amended for Great Britain.

Signs and Symptoms of Exposure

Based on test data and/or information on the components, this material may produce the following health effects:

Inhalation

Simple asphyxiation: Signs/symptoms may include increased heart rate, rapid respirations, drowsiness, headache, incoordination, altered judgement, nausea, vomiting, lethargy, seizures, coma, and may be fatal. Respiratory tract irritation: Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain. May cause additional health effects (see below).

Skin contact

Mild Skin Irritation: Signs/symptoms may include localised redness, swelling, itching, and dryness.

Eye contact

Severe eye irritation: Signs/symptoms may include significant redness, swelling, pain, tearing, cloudy appearance of the cornea, and impaired vision.

Ingestion

Chemical (aspiration) pneumonitis: Signs/symptoms may include coughing, gasping, choking, burning of the mouth, difficulty breathing, bluish coloured skin (cyanosis), and may be fatal. Gastrointestinal irritation: Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhoea. May cause additional health effects (see below).

Additional Health Effects:

Single exposure may cause target organ effects:

Auditory effects: Signs/symptoms may include hearing impairment, balance dysfunction and ringing in the ears. Central nervous system (CNS) depression: Signs/symptoms may include headache, dizziness, drowsiness, incoordination, nausea, slowed reaction time, slurred speech, giddiness, and unconsciousness. Respiratory effects: Signs/symptoms may include cough, shortness of breath, chest tightness, wheezing, increased heart rate, bluish coloured skin (cyanosis), sputum production, changes in lung function tests, and respiratory failure. Single exposure, above recommended guidelines, may cause: Cardiac Sensitization: Signs/symptoms may include irregular heartbeat (arrhythmia), faintness, chest pain, and may be fatal.

Prolonged or repeated exposure may cause target organ effects:

Ocular effects: Signs/symptoms may include blurred or significantly impaired vision. Auditory effects: Signs/symptoms may include hearing impairment, balance dysfunction and ringing in the ears. Olfactory effects: Signs/symptoms may include decreased ability to detect odours and complete loss of smell. Neurological effects: Signs/symptoms may include personality changes, lack of coordination, sensory loss, tingling or numbness of the extremities, weakness, tremors, and changes in blood pressure and heart rate.

Reproductive/Developmental Toxicity:

Contains a chemical or chemicals which can cause birth defects or other reproductive harm.

Carcinogenicity:

Contains a chemical or chemicals which can cause cancer.

Toxicological Data

If a component is disclosed in section 3 but does not appear in a table below, either no data are available for that endpoint or the data are not sufficient for classification.

Acute Toxicity

| Name | Route | Species | Value |
|---------------------------------------|------------------------------------|---------|--|
| Overall product | Dermal | | No data available; calculated ATE >5,000 mg/kg |
| Overall product | Inhalation- Vapour(4 hr) | | No data available; calculated ATE >50 mg/l |
| Overall product | Ingestion | | No data available; calculated ATE >5,000 mg/kg |
| acetone | Dermal | Rabbit | LD50 > 15,688 mg/kg |
| acetone | Inhalation- Vapour (4 hours) | Rat | LC50 76 mg/l |
| acetone | Ingestion | Rat | LD50 5,800 mg/kg |
| Petroleum gases, liquefied, sweetened | Inhalation- Gas (4 hours) | Rat | LC50 277,000 ppm |
| ethylbenzene | Dermal | Rabbit | LD50 15,433 mg/kg |
| ethylbenzene | Inhalation- Vapour (4 hours) | Rat | LC50 17.4 mg/l |

| ethylbenzene | Ingestion | Rat | LD50 4,769 mg/kg |
|--|--------------------------|--------------|--|
| n-butyl acetate | Dermal | Rabbit | LD50 > 5,000 mg/kg |
| n-butyl acetate | Inhalation- | Rat | LC50 1.4 mg/l |
| , | Dust/Mist | | |
| | (4 hours) | | |
| n-butyl acetate | Inhalation- | Rat | LC50 > 20 mg/l |
| | Vapour (4 | | |
| n butul acctato | hours) Ingestion | Rat | LD50 > 8 800 mg/kg |
| n-butyl acetate Aluminium | Dermal | Kat | LD50 > 8,800 mg/kg LD50 estimated to be > 5,000 mg/kg |
| | | | · · · · · · |
| Aluminium | Ingestion | | LD50 estimated to be > 5,000 mg/kg |
| Zinc | Dermal | Professio | LD50 estimated to be > 5,000 mg/kg |
| | | nal | |
| | | judgeme | |
| xylene | Dermal | nt Rabbit | LD50 > 4,200 mg/kg |
| Aluminium | Inhalation- | Rat | LC50 > 0.888 mg/l |
| Audillinum | Dust/Mist | Kat | LC30 > 0.000 mg/1 |
| | (4 hours) | | |
| xylene | Inhalation- | Rat | LC50 29 mg/l |
| • | Vapour (4 | | |
| | hours) | | |
| xylene | Ingestion | Rat | LD50 3,523 mg/kg |
| Zinc | Inhalation- Dust/Mist | Rat | LC50 > 5.41 mg/l |
| | (4 hours) | | |
| Zinc | Ingestion | Rat | LD50 > 2,000 mg/kg |
| stoddard solvent | Inhalation- | Rut | LC50 estimated to be 20 - 50 mg/l |
| Stoddird Soft one | Vapour | | Destruction to be 20 "30 mg/" |
| stoddard solvent | Dermal | Rabbit | LD50 > 3,000 mg/kg |
| stoddard solvent | Ingestion | Rat | LD50 > 5,000 mg/kg |
| toluene | Dermal | Rat | LD50 12,000 mg/kg |
| toluene | Inhalation- | Rat | LC50 30 mg/l |
| | Vapour (4 | | |
| toluene | hours) Ingestion | Rat | LD50 5,550 mg/kg |
| Quaternary ammonium compounds, bis(hydrogenated tallow | Dermal | Nat | LD50 5,350 mg/kg LD50 estimated to be > 5,000 mg/kg |
| alkyl)dimethyl, salts with bentonite | Dennai | | LD50 estimated to be > 5,000 flig/kg |
| zinc oxide | Dermal | | LD50 estimated to be > 5,000 mg/kg |
| Solvent naphtha (petroleum), light arom. | Dermal | Rabbit | LD50 > 2,000 mg/kg |
| Zeolites | Dermal | Rabbit | LD50 > 2,000 mg/kg |
| Quaternary ammonium compounds, bis(hydrogenated tallow | Inhalation- | Rat | LC50 > 12.6 mg/l |
| alkyl)dimethyl, salts with bentonite | Dust/Mist | | |
| <u> </u> | (4 hours) | | |
| Quaternary ammonium compounds, bis(hydrogenated tallow | Ingestion | Rat | LD50 > 5,000 mg/kg |
| alkyl)dimethyl, salts with bentonite | Inhalati | Det | LC50 > 5.2 mg/l |
| Solvent naphtha (petroleum), light arom. | Inhalation- Vapour (4 | Rat | LC50 > 5.2 mg/l |
| | hours) | | |
| Solvent naphtha (petroleum), light arom. | Ingestion | Rat | LD50 > 5,000 mg/kg |
| Zeolites | Inhalation- | Rat | LC50 > 4.57 mg/l |
| | Dust/Mist | | |
| | (4 hours) | | |
| Zeolites | Ingestion | Rat | LD50 > 5,000 mg/kg |
| zinc oxide | Inhalation- | Rat | LC50 > 5.7 mg/l |
| | Dust/Mist | | |
| zinc oxide | (4 hours) Ingestion | Rat | LD50 > 5,000 mg/kg |
| cumene | Dermal | Rabbit | LD50 > 3,160 mg/kg |
| cumene | Inhalation- | Rat | LC50 39.4 mg/l |
| | Vapour (4 | 1 | 2000 37.1 mg/1 |
| | hours) | | |
| cumene | Ingestion | Rat | LD50 1,400 mg/kg |

ATE = acute toxicity estimate

Skin Corrosion/Irritation

| Name | Species | Value |
|--|-----------|---------------------------|
| | | |
| acetone | Mouse | Minimal irritation |
| Petroleum gases, liquefied, sweetened | Professio | No significant irritation |
| | nal | |
| | judgemen | |
| | t | |
| ethylbenzene | Rabbit | Mild irritant |
| n-butyl acetate | Rabbit | Minimal irritation |
| Aluminium | Rabbit | No significant irritation |
| xylene | Rabbit | Mild irritant |
| stoddard solvent | Rabbit | Irritant |
| toluene | Rabbit | Irritant |
| Quaternary ammonium compounds, bis(hydrogenated tallow alkyl)dimethyl, salts | Rat | No significant irritation |
| with bentonite | | |
| Solvent naphtha (petroleum), light arom. | Rabbit | Irritant |
| Zeolites | Rabbit | No significant irritation |
| zinc oxide | Human | No significant irritation |
| | and | |
| | animal | |
| cumene | Rabbit | Minimal irritation |

Serious Eye Damage/Irritation

| Name | Species | Value |
|--|-----------|---------------------------|
| | | |
| acetone | Rabbit | Severe irritant |
| Petroleum gases, liquefied, sweetened | Professio | No significant irritation |
| | nal | |
| | judgemen | |
| | t | |
| ethylbenzene | Rabbit | Moderate irritant |
| n-butyl acetate | Rabbit | Moderate irritant |
| Aluminium | Rabbit | No significant irritation |
| xylene | Rabbit | Mild irritant |
| Zinc | Rabbit | No significant irritation |
| stoddard solvent | Rabbit | No significant irritation |
| toluene | Rabbit | Moderate irritant |
| Quaternary ammonium compounds, bis(hydrogenated tallow alkyl)dimethyl, salts | Rabbit | No significant irritation |
| with bentonite | | |
| Solvent naphtha (petroleum), light arom. | Rabbit | Mild irritant |
| Zeolites | Rabbit | Mild irritant |
| zinc oxide | Rabbit | Mild irritant |
| cumene | Rabbit | Mild irritant |

Skin Sensitisation

| Name | Species | Value |
|--|-------------------------|----------------|
| ethylbenzene | Human | Not classified |
| n-butyl acetate | Multiple animal species | Not classified |
| Aluminium | Guinea pig | Not classified |
| stoddard solvent | Guinea pig | Not classified |
| toluene | Guinea pig | Not classified |
| Solvent naphtha (petroleum), light arom. | Guinea pig | Not classified |
| zinc oxide | Guinea pig | Not classified |
| cumene | Guinea pig | Not classified |

Respiratory Sensitisation

| Name | Species | Value |
|-----------|---------|----------------|
| | | |
| Aluminium | Human | Not classified |

Germ Cell Mutagenicity

| Name | Route | Value |
|---------------------------------------|----------|--|
| acetone | In vivo | Not mutagenic |
| acetone | In Vitro | Some positive data exist, but the data are not sufficient for classification |
| Petroleum gases, liquefied, sweetened | In Vitro | Not mutagenic |
| ethylbenzene | In vivo | Not mutagenic |
| ethylbenzene | In Vitro | Some positive data exist, but the data are not sufficient for classification |
| n-butyl acetate | In Vitro | Not mutagenic |
| Aluminium | In Vitro | Not mutagenic |
| xylene | In Vitro | Not mutagenic |
| xylene | In vivo | Not mutagenic |
| stoddard solvent | In vivo | Not mutagenic |
| stoddard solvent | In Vitro | Some positive data exist, but the data are not sufficient for classification |
| toluene | In Vitro | Not mutagenic |
| toluene | In vivo | Not mutagenic |
| zinc oxide | In Vitro | Some positive data exist, but the data are not sufficient for classification |
| zinc oxide | In vivo | Some positive data exist, but the data are not sufficient for classification |
| cumene | In Vitro | Not mutagenic |
| cumene | In vivo | Not mutagenic |

Carcinogenicity

| Name | Route | Species | Value |
|--|----------------|-------------------------------|--|
| acetone | Not specified. | Multiple animal species | Not carcinogenic |
| ethylbenzene | Inhalation | Multiple animal species | Carcinogenic. |
| xylene | Dermal | Rat | Not carcinogenic |
| xylene | Ingestion | Multiple animal species | Not carcinogenic |
| xylene | Inhalation | Human | Some positive data exist, but the data are not sufficient for classification |
| stoddard solvent | Dermal | Mouse | Some positive data exist, but the data are not sufficient for classification |
| stoddard solvent | Inhalation | Human and animal | Some positive data exist, but the data are not sufficient for classification |
| toluene | Dermal | Mouse | Some positive data exist, but the data are not sufficient for classification |
| toluene | Ingestion | Rat | Some positive data exist, but the data are not sufficient for classification |
| toluene | Inhalation | Mouse | Some positive data exist, but the data are not sufficient for classification |
| Solvent naphtha (petroleum), light arom. | Inhalation | Mouse | Some positive data exist, but the data are not sufficient for classification |
| cumene | Inhalation | Multiple animal species | Carcinogenic. |

Reproductive Toxicity

Reproductive and/or Developmental Effects

| Name | Route | Value | Species | Test result | Exposure Duration |
|--|------------|--|-------------------------------|-----------------------------|------------------------------|
| acetone | Ingestion | Not classified for male reproduction | Rat | NOAEL 1,700 mg/kg/day | 13 weeks |
| acetone | Inhalation | Not classified for development | Rat | NOAEL 5.2 mg/l | during organogenesis |
| ethylbenzene | Inhalation | Not classified for development | Rat | NOAEL 4.3 mg/l | premating & during gestation |
| n-butyl acetate | Inhalation | Not classified for female reproduction | Rat | NOAEL 7.1 mg/l | premating & during gestation |
| n-butyl acetate | Inhalation | Not classified for development | Rat | NOAEL 7.1 mg/l | premating & during gestation |
| xylene | Inhalation | Not classified for female reproduction | Human | NOAEL Not available | occupational exposure |
| xylene | Ingestion | Not classified for development | Mouse | NOAEL Not available | during organogenesis |
| xylene | Inhalation | Not classified for development | Multiple animal species | NOAEL Not available | during gestation |
| stoddard solvent | Inhalation | Not classified for development | Rat | NOAEL 2.4 mg/l | during organogenesis |
| toluene | Inhalation | Not classified for female reproduction | Human | NOAEL Not available | occupational exposure |
| toluene | Inhalation | Not classified for male reproduction | Rat | NOAEL 2.3 mg/l | 1 generation |
| toluene | Ingestion | Toxic to development | Rat | LOAEL 520 mg/kg/day | during gestation |
| toluene | Inhalation | Toxic to development | Human | NOAEL Not available | poisoning and/or abuse |
| Solvent naphtha (petroleum), light arom. | Inhalation | Not classified for female reproduction | Rat | NOAEL 1,500 ppm | 2 generation |
| Solvent naphtha (petroleum), light arom. | Inhalation | Not classified for male reproduction | Rat | NOAEL 1,500 ppm | 2 generation |
| Solvent naphtha (petroleum), light arom. | Inhalation | Not classified for development | Rat | NOAEL 500 ppm | 2 generation |
| zinc oxide | Ingestion | Not classified for reproduction and/or development | Multiple animal species | NOAEL 125 mg/kg/day | premating & during gestation |
| cumene | Inhalation | Not classified for development | Rabbit | NOAEL 11.3 mg/l | during organogenesis |

Lactation

| Name | Route | Species | Value |
|--------|-----------|---------|--|
| xylene | Ingestion | Mouse | Not classified for effects on or via lactation |

Target Organ(s)

Specific Target Organ Toxicity - single exposure

| Name | Route | Target Organ(s) | Value | Species | Test result | Exposure Duration |
|---------|------------|------------------------|-----------------------------------|---------|-------------|----------------------|
| | | | | | | Duration |
| acetone | Inhalation | central nervous | May cause drowsiness or | Human | NOAEL Not | |
| | | system depression | dizziness | | available | |
| acetone | Inhalation | respiratory irritation | Some positive data exist, but the | Human | NOAEL Not | |
| | | | data are not sufficient for | | available | |
| | | | classification | | | |
| acetone | Inhalation | immune system | Not classified | Human | NOAEL 1.19 | 6 hours |
| | | · | | | mg/l | |
| acetone | Inhalation | liver | Not classified | Guinea | NOAEL Not | |

| | | | | pig | available | |
|---------------------------------------|------------|--------------------------------------|--|-----------------------------------|------------------------|---------------------------|
| acetone | Ingestion | central nervous system depression | May cause drowsiness or dizziness | Human | NOAEL Not available | poisoning and/or abuse |
| Petroleum gases, liquefied, sweetened | Inhalation | cardiac sensitisation | Causes damage to organs | similar compoun ds | NOAEL Not available | |
| Petroleum gases, liquefied, sweetened | Inhalation | central nervous system depression | May cause drowsiness or dizziness | | NOAEL Not available | |
| Petroleum gases, liquefied, sweetened | Inhalation | respiratory irritation | Not classified | | NOAEL Not available | |
| ethylbenzene | Inhalation | central nervous system depression | May cause drowsiness or dizziness | Human | NOAEL Not available | |
| ethylbenzene | Inhalation | respiratory irritation | Some positive data exist, but the data are not sufficient for classification | Human and animal | NOAEL Not available | |
| ethylbenzene | Ingestion | central nervous system depression | May cause drowsiness or dizziness | Professio nal judgeme nt | NOAEL Not available | |
| n-butyl acetate | Inhalation | respiratory system | May cause damage to organs | Rat | LOAEL 2.6 mg/l | 4 hours |
| n-butyl acetate | Inhalation | central nervous system depression | May cause drowsiness or dizziness | Human | NOAEL Not available | not available |
| n-butyl acetate | Inhalation | respiratory irritation | May cause respiratory irritation | Human | NOAEL Not available | not available |
| n-butyl acetate | Ingestion | central nervous system depression | May cause drowsiness or dizziness | Professio nal judgeme nt | NOAEL Not available | |
| xylene | Inhalation | auditory system | Causes damage to organs | Rat | LOAEL 6.3 mg/l | 8 hours |
| xylene | Inhalation | central nervous system depression | May cause drowsiness or dizziness | Human | NOAEL Not available | |
| xylene | Inhalation | respiratory irritation | Some positive data exist, but the data are not sufficient for classification | Human | NOAEL Not available | |
| xylene | Inhalation | eyes | Not classified | Rat | NOAEL 3.5 mg/l | not available |
| xylene | Inhalation | liver | Not classified | Multiple animal species | NOAEL Not available | |
| xylene | Ingestion | central nervous system depression | May cause drowsiness or dizziness | Multiple animal species | NOAEL Not available | |
| xylene | Ingestion | eyes | Not classified | Rat | NOAEL 250 mg/kg | not applicable |
| stoddard solvent | Inhalation | central nervous system depression | May cause drowsiness or dizziness | Human and animal | NOAEL Not available | |
| stoddard solvent | Inhalation | respiratory irritation | Some positive data exist, but the data are not sufficient for classification | | NOAEL Not available | |
| stoddard solvent | Inhalation | nervous system | Not classified | Dog | NOAEL 6.5 mg/l | 4 hours |
| stoddard solvent | Ingestion | central nervous system depression | May cause drowsiness or dizziness | Professio nal judgeme nt | NOAEL Not available | |
| toluene | Inhalation | central nervous system depression | May cause drowsiness or dizziness | Human | NOAEL Not available | |
| toluene | Inhalation | respiratory irritation | Some positive data exist, but the data are not sufficient for classification | Human | NOAEL Not available | |
| toluene | Inhalation | immune system | Not classified | Mouse | NOAEL 0.004 mg/l | 3 hours |
| toluene | Ingestion | central nervous system depression | May cause drowsiness or dizziness | Human | NOAEL Not available | poisoning and/or abuse |

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| Solvent naphtha (petroleum), light arom. | Inhalation | central nervous system depression | May cause drowsiness or dizziness | Professio nal judgeme nt | NOAEL Not available | |
|--|------------|--------------------------------------|--|-----------------------------------|------------------------|-----------------------|
| Solvent naphtha (petroleum), light arom. | Inhalation | respiratory irritation | Some positive data exist, but the data are not sufficient for classification | Professio nal judgeme nt | NOAEL Not available | |
| Solvent naphtha (petroleum), light arom. | Ingestion | central nervous system depression | May cause drowsiness or dizziness | Professio nal judgeme nt | NOAEL Not available | |
| cumene | Inhalation | central nervous system depression | May cause drowsiness or dizziness | Multiple animal species | NOAEL Not available | not available |
| cumene | Inhalation | respiratory irritation | May cause respiratory irritation | Human | LOAEL 0.2 mg/l | occupational exposure |
| cumene | Ingestion | central nervous system depression | May cause drowsiness or dizziness | Multiple animal species | NOAEL Not available | not available |

Specific Target Organ Toxicity - repeated exposure

| Name | Route | Target Organ(s) | Value | Species | Test result | Exposure Duration |
|---------------------------------------|------------|---|--|---------------|------------------------------|----------------------|
| acetone | Dermal | eyes | Not classified | Guinea pig | NOAEL Not available | 3 weeks |
| acetone | Inhalation | hematopoietic system | Not classified | Human | NOAEL 3 mg/l | 6 weeks |
| acetone | Inhalation | immune system | Not classified | Human | NOAEL 1.19 mg/l | 6 days |
| acetone | Inhalation | kidney and/or bladder | Not classified | Guinea pig | NOAEL 119 mg/l | not available |
| acetone | Inhalation | heart liver | Not classified | Rat | NOAEL 45 mg/l | 8 weeks |
| acetone | Ingestion | kidney and/or bladder | Not classified | Rat | NOAEL 900 mg/kg/day | 13 weeks |
| acetone | Ingestion | heart | Not classified | Rat | NOAEL 2,500 mg/kg/day | 13 weeks |
| acetone | Ingestion | hematopoietic system | Not classified | Rat | NOAEL 200 mg/kg/day | 13 weeks |
| acetone | Ingestion | liver | Not classified | Mouse | NOAEL 3,896 mg/kg/day | 14 days |
| acetone | Ingestion | eyes | Not classified | Rat | NOAEL 3,400 mg/kg/day | 13 weeks |
| acetone | Ingestion | respiratory system | Not classified | Rat | NOAEL 2,500 mg/kg/day | 13 weeks |
| acetone | Ingestion | muscles | Not classified | Rat | NOAEL 2,500 mg/kg | 13 weeks |
| acetone | Ingestion | skin bone, teeth, nails, and/or hair | Not classified | Mouse | NOAEL 11,298 mg/kg/day | 13 weeks |
| Petroleum gases, liquefied, sweetened | Inhalation | kidney and/or bladder | Not classified | Rat | NOAEL Not available | |
| ethylbenzene | Inhalation | kidney and/or bladder | Some positive data exist, but the data are not sufficient for classification | Rat | NOAEL 1.1 mg/l | 2 years |
| ethylbenzene | Inhalation | liver | Some positive data exist, but the data are not sufficient for classification | Mouse | NOAEL 1.1 mg/l | 103 weeks |
| ethylbenzene | Inhalation | hematopoietic system | Not classified | Rat | NOAEL 3.4 mg/l | 28 days |
| ethylbenzene | Inhalation | auditory system | Not classified | Rat | NOAEL 2.4 mg/l | 5 days |

| ethylbenzene | Inhalation | endocrine system | Not classified | Mouse | NOAEL 3.3 mg/l | 103 weeks |
|------------------|------------|--|--|-------------------------------|-----------------------------|---------------------------|
| ethylbenzene | Inhalation | gastrointestinal tract | Not classified | Rat | NOAEL 3.3 mg/l | 2 years |
| ethylbenzene | Inhalation | bone, teeth, nails, and/or hair muscles | Not classified | Multiple animal species | NOAEL 4.2 mg/l | 90 days |
| ethylbenzene | Inhalation | heart immune system respiratory system | Not classified | Multiple animal species | NOAEL 3.3 mg/l | 2 years |
| ethylbenzene | Ingestion | liver kidney and/or bladder | Not classified | Rat | NOAEL 680 mg/kg/day | 6 months |
| n-butyl acetate | Inhalation | olfactory system | Not classified | Rat | NOAEL 2.4 mg/l | 14 weeks |
| n-butyl acetate | Inhalation | liver kidney and/or bladder | Not classified | Rabbit | NOAEL 7.26 mg/l | 13 days |
| Aluminium | Inhalation | nervous system respiratory system | Not classified | Human | NOAEL Not available | occupational exposure |
| xylene | Inhalation | nervous system | Causes damage to organs through prolonged or repeated exposure | Rat | LOAEL 0.4 mg/l | 4 weeks |
| xylene | Inhalation | auditory system | May cause damage to organs though prolonged or repeated exposure | Rat | LOAEL 7.8 mg/l | 5 days |
| xylene | Inhalation | liver | Not classified | Multiple animal species | NOAEL Not available | |
| xylene | Inhalation | heart endocrine system gastrointestinal tract hematopoietic system muscles kidney and/or bladder respiratory system | Not classified | Multiple animal species | NOAEL 3.5 mg/l | 13 weeks |
| xylene | Ingestion | auditory system | Not classified | Rat | NOAEL 900 mg/kg/day | 2 weeks |
| xylene | Ingestion | kidney and/or bladder | Not classified | Rat | NOAEL 1,500 mg/kg/day | 90 days |
| xylene | Ingestion | liver | Not classified | Multiple animal species | NOAEL Not available | |
| xylene | Ingestion | heart skin endocrine system bone, teeth, nails, and/or hair hematopoietic system immune system nervous system respiratory system | Not classified | Mouse | NOAEL 1,000 mg/kg/day | 103 weeks |
| stoddard solvent | Inhalation | nervous system | Not classified | Rat | LOAEL 4.6 mg/l | 6 months |
| stoddard solvent | Inhalation | kidney and/or bladder | Not classified | Rat | LOAEL 1.9 mg/l | 13 weeks |
| stoddard solvent | Inhalation | respiratory system | Not classified | Multiple animal species | NOAEL 0.6 mg/l | 90 days |
| stoddard solvent | Inhalation | bone, teeth, nails, and/or hair blood liver muscles | Not classified | Rat | NOAEL 5.6 mg/l | 12 weeks |
| stoddard solvent | Inhalation | heart | Not classified | Multiple animal species | NOAEL 1.3 mg/l | 90 days |
| toluene | Inhalation | auditory system eyes olfactory system | Causes damage to organs through prolonged or repeated exposure | Human | NOAEL Not available | poisoning and/or abuse |
| toluene | Inhalation | nervous system | May cause damage to organs | Human | NOAEL Not | poisoning |

| | | | though prolonged or repeated exposure | | available | and/or abuse |
|------------|------------|---|--|-------------------------------|-----------------------------|-----------------------|
| toluene | Inhalation | respiratory system | Some positive data exist, but the data are not sufficient for classification | Rat | LOAEL 2.3 mg/l | 15 months |
| toluene | Inhalation | heart liver kidney and/or bladder | Not classified | Rat | NOAEL 11.3 mg/l | 15 weeks |
| toluene | Inhalation | endocrine system | Not classified | Rat | NOAEL 1.1 mg/l | 4 weeks |
| toluene | Inhalation | immune system | Not classified | Mouse | NOAEL Not available | 20 days |
| toluene | Inhalation | bone, teeth, nails, and/or hair | Not classified | Mouse | NOAEL 1.1 mg/l | 8 weeks |
| toluene | Inhalation | hematopoietic system vascular system | Not classified | Human | NOAEL Not available | occupational exposure |
| toluene | Inhalation | gastrointestinal tract | Not classified | Multiple animal species | NOAEL 11.3 mg/l | 15 weeks |
| toluene | Ingestion | nervous system | Some positive data exist, but the data are not sufficient for classification | Rat | NOAEL 625 mg/kg/day | 13 weeks |
| toluene | Ingestion | heart | Not classified | Rat | NOAEL 2,500 mg/kg/day | 13 weeks |
| toluene | Ingestion | liver kidney and/or bladder | Not classified | Multiple animal species | NOAEL 2,500 mg/kg/day | 13 weeks |
| toluene | Ingestion | hematopoietic system | Not classified | Mouse | NOAEL 600 mg/kg/day | 14 days |
| toluene | Ingestion | endocrine system | Not classified | Mouse | NOAEL 105 mg/kg/day | 28 days |
| toluene | Ingestion | immune system | Not classified | Mouse | NOAEL 105 mg/kg/day | 4 weeks |
| zinc oxide | Ingestion | nervous system | Not classified | Rat | NOAEL 600 mg/kg/day | 10 days |
| zinc oxide | Ingestion | endocrine system hematopoietic system kidney and/or bladder | Not classified | Other | NOAEL 500 mg/kg/day | 6 months |
| cumene | Inhalation | auditory system endocrine system hematopoietic system liver nervous system eyes | Not classified | Rat | NOAEL 59 mg/l | 13 weeks |
| cumene | Inhalation | kidney and/or bladder | Not classified | Rat | NOAEL 4.9 mg/l | 13 weeks |
| cumene | Inhalation | respiratory system | Not classified | Rat | NOAEL 59 mg/l | 13 weeks |
| cumene | Ingestion | kidney and/or bladder heart endocrine system hematopoietic system liver respiratory system | Not classified | Rat | NOAEL 769 mg/kg/day | 6 months |

Aspiration Hazard

| Aspiration Hazaru | |
|--|-------------------|
| Name | Value |
| ethylbenzene | Aspiration hazard |
| xylene | Aspiration hazard |
| stoddard solvent | Aspiration hazard |
| toluene | Aspiration hazard |
| Solvent naphtha (petroleum), light arom. | Aspiration hazard |
| cumene | Aspiration hazard |

Please contact the address or phone number listed on the first page of the SDS for additional toxicological information on this material and/or its components.

11.2. Information on other hazards

This material does not contain any substances that are assessed to be an endocrine disruptor for human health.

SECTION 12: Ecological information

The information below may not agree with the material classification in Section 2 and/or the ingredient classifications in Section 3 if specific ingredient classifications are mandated by a competent authority. In addition, statements and data presented in Section 12 are based on UN GHS calculation rules and classifications derived from 3M assessments.

12.1. Toxicity

No product test data available.

| Material | CAS# | Organism | Type | Exposure | Test endpoint | Test result |
|---|------------|-------------------------------|---|----------|-----------------------------------|-------------|
| acetone | 67-64-1 | Algae or other aquatic plants | Experimental | 96 hours | EC50 | 11,493 mg/l |
| acetone | 67-64-1 | Invertebrate | Experimental | 24 hours | LC50 | 2,100 mg/l |
| acetone | 67-64-1 | Rainbow trout | Experimental | 96 hours | LC50 | 5,540 mg/l |
| acetone | 67-64-1 | Water flea | Experimental | 21 days | NOEC | 1,000 mg/l |
| acetone | 67-64-1 | Bacteria | Experimental | 16 hours | NOEC | 1,700 mg/l |
| acetone | 67-64-1 | Redworm | Experimental | 48 hours | LC50 | >100 |
| Petroleum gases, liquefied, sweetened | 68476-86-8 | N/A | Data not available or insufficient for classification | N/A | N/A | n/a |
| Aluminium | 7429-90-5 | Fish | Experimental | 96 hours | No tox obs at lmt of water sol | >100 mg/l |
| Aluminium | 7429-90-5 | Green algae | Experimental | 72 hours | No tox obs at lmt of water sol | >100 mg/l |
| Aluminium | 7429-90-5 | Water flea | Experimental | 48 hours | No tox obs at lmt of water sol | >100 mg/l |
| Aluminium | 7429-90-5 | Green algae | Experimental | 72 hours | No tox obs at lmt of water sol | 100 mg/l |
| Aluminium | 7429-90-5 | Water flea | Experimental | 21 days | NOEC | 0.076 mg/l |
| ethylbenzene | 100-41-4 | Activated sludge | Experimental | 49 hours | EC50 | 130 mg/l |
| ethylbenzene | 100-41-4 | Atlantic Silverside | Experimental | 96 hours | LC50 | 5.1 mg/l |
| ethylbenzene | 100-41-4 | Green algae | Experimental | 96 hours | EC50 | 3.6 mg/l |
| ethylbenzene | 100-41-4 | Mysid Shrimp | Experimental | 96 hours | LC50 | 2.6 mg/l |
| ethylbenzene | 100-41-4 | Rainbow trout | Experimental | 96 hours | LC50 | 4.2 mg/l |
| ethylbenzene | 100-41-4 | Water flea | Experimental | 48 hours | EC50 | 1.8 mg/l |
| ethylbenzene | 100-41-4 | Water flea | Experimental | 7 days | NOEC | 0.96 mg/l |
| n-butyl acetate | 123-86-4 | Green algae | Analogous Compound | 72 hours | ErC50 | 397 mg/l |
| n-butyl acetate | 123-86-4 | Fathead minnow | Experimental | 96 hours | LC50 | 18 mg/l |
| n-butyl acetate | 123-86-4 | Water flea | Experimental | 48 hours | EC50 | 44 mg/l |

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| n-butyl acetate | 123-86-4 | Green algae | Analogous | 72 hours | NOEC | 196 mg/l |
|---|------------|-------------------|-----------------------|------------|------|---------------------------|
| n-butyl acetate | 123-86-4 | Water flea | Compound Analogous | 21 days | NOEC | 23.2 mg/l |
| | | | Compound | | | |
| n-butyl acetate | 123-86-4 | Ciliated protozoa | Experimental | 40 hours | IC50 | 356 mg/l |
| n-butyl acetate | 123-86-4 | Lettuce | Experimental | 14 days | EC50 | >1,000 mg/kg (Dry Weight) |
| xylene | 1330-20-7 | Activated sludge | Estimated | 3 hours | NOEC | 157 mg/l |
| xylene | 1330-20-7 | Green algae | Estimated | 72 hours | EC50 | 4.36 mg/l |
| xylene | 1330-20-7 | Rainbow trout | Estimated | 96 hours | LC50 | 2.6 mg/l |
| xylene | 1330-20-7 | Water flea | Estimated | 48 hours | EC50 | 3.82 mg/l |
| xylene | 1330-20-7 | Green algae | Estimated | 72 hours | NOEC | 0.44 mg/l |
| xylene | 1330-20-7 | Water flea | Estimated | 7 days | NOEC | 0.96 mg/l |
| xylene | 1330-20-7 | Rainbow trout | Experimental | 56 days | NOEC | >1.3 mg/l |
| Zinc | 7440-66-6 | Bacteria | Estimated | 30 minutes | EC10 | 0.3 mg/l |
| Zinc | 7440-66-6 | Green algae | Estimated | 72 hours | EC50 | 0.042 mg/l |
| Zinc | 7440-66-6 | Rainbow trout | Estimated | 96 hours | LC50 | 0.169 mg/l |
| Zinc | 7440-66-6 | Water flea | Estimated | 48 hours | EC50 | 0.06 mg/l |
| Zinc | 7440-66-6 | Green algae | Estimated | 72 hours | NOEC | 0.005 mg/l |
| Zinc | 7440-66-6 | Water flea | Estimated | 7 days | NOEC | 0.013 mg/l |
| cumene | 98-82-8 | Activated sludge | Experimental | 3 hours | EC10 | >2,000 mg/l |
| cumene | 98-82-8 | Green algae | Experimental | 72 hours | EC50 | 2.6 mg/l |
| cumene | 98-82-8 | Mysid Shrimp | Experimental | 96 hours | EC50 | 1.2 mg/l |
| cumene | 98-82-8 | Rainbow trout | Experimental | 96 hours | LC50 | 2.7 mg/l |
| cumene | 98-82-8 | Water flea | Experimental | 48 hours | EC50 | 2.14 mg/l |
| cumene | 98-82-8 | Green algae | Experimental | 72 hours | NOEC | 0.22 mg/l |
| cumene | 98-82-8 | Water flea | Experimental | 21 days | NOEC | 0.35 mg/l |
| Quaternary ammonium compounds, bis(hydrogenated tallow alkyl)dimethyl, salts with bentonite | | Activated sludge | Estimated | 3 hours | EC50 | >300 mg/l |
| Quaternary ammonium compounds, bis(hydrogenated tallow alkyl)dimethyl, salts with bentonite | | Green algae | Estimated | 72 hours | EC50 | >100 mg/l |
| Quaternary ammonium compounds, bis(hydrogenated tallow alkyl)dimethyl, | 68953-58-2 | Water flea | Estimated | 48 hours | EC50 | >100 mg/l |

| salts with bentonite | | | | | | |
|---|------------|---------------------|-----------------------|----------|------|---------------------------------|
| Quaternary ammonium compounds, bis(hydrogenated tallow alkyl)dimethyl, salts with bentonite | 68953-58-2 | Zebra Fish | Estimated | 96 hours | LC50 | >100 mg/l |
| Solvent naphtha (petroleum), light arom. | 64742-95-6 | Fathead minnow | Estimated | 96 hours | LL50 | 8.2 mg/l |
| Solvent naphtha (petroleum), light arom. | 64742-95-6 | Green algae | Estimated | 72 hours | EL50 | 7.9 mg/l |
| Solvent naphtha (petroleum), light arom. | 64742-95-6 | Water flea | Estimated | 48 hours | EL50 | 3.2 mg/l |
| Solvent naphtha (petroleum), light arom. | 64742-95-6 | Green algae | Estimated | 72 hours | NOEL | 0.22 mg/l |
| Solvent naphtha (petroleum), light arom. | 64742-95-6 | Water flea | Experimental | 21 days | NOEL | 2.6 mg/l |
| stoddard solvent | 8052-41-3 | Green algae | Estimated | 96 hours | EL50 | 2.5 mg/l |
| stoddard solvent | 8052-41-3 | Invertebrate | Estimated | 96 hours | LC50 | 3.5 mg/l |
| stoddard solvent | 8052-41-3 | Rainbow trout | Estimated | 96 hours | LL50 | 41.4 mg/l |
| stoddard solvent | 8052-41-3 | Green algae | Estimated | 96 hours | NOEL | 0.76 mg/l |
| stoddard solvent | 8052-41-3 | Water flea | Estimated | 21 days | NOEC | 0.28 mg/l |
| toluene | 108-88-3 | Coho Salmon | Experimental | 96 hours | LC50 | 5.5 mg/l |
| toluene | 108-88-3 | Grass Shrimp | Experimental | 96 hours | LC50 | 9.5 mg/l |
| toluene | 108-88-3 | Green algae | Experimental | 72 hours | EC50 | 12.5 mg/l |
| toluene | 108-88-3 | Leopard frog | Experimental | 9 days | LC50 | 0.39 mg/l |
| toluene | 108-88-3 | Pink Salmon | Experimental | 96 hours | LC50 | 6.41 mg/l |
| toluene | 108-88-3 | Water flea | Experimental | 48 hours | EC50 | 3.78 mg/l |
| toluene | 108-88-3 | Coho Salmon | Experimental | 40 days | NOEC | 1.39 mg/l |
| toluene | 108-88-3 | Diatom | Experimental | 72 hours | NOEC | 10 mg/l |
| toluene | 108-88-3 | Water flea | Experimental | 7 days | NOEC | 0.74 mg/l |
| toluene | 108-88-3 | Activated sludge | Experimental | 12 hours | IC50 | 292 mg/l |
| toluene | 108-88-3 | Bacteria | Experimental | 16 hours | NOEC | 29 mg/l |
| toluene | 108-88-3 | Bacteria | Experimental | 24 hours | EC50 | 84 mg/l |
| toluene | 108-88-3 | Redworm | Experimental | 28 days | LC50 | >150 mg per kg of bodyweight |
| toluene | 108-88-3 | Soil microbes | Experimental | 28 days | NOEC | <26 mg/kg (Dry Weight) |
| Zeolites | 1318-02-1 | African clawed frog | Analogous Compound | 96 hours | LC50 | 1,800 mg/l |
| Zeolites | 1318-02-1 | Fathead minnow | Analogous Compound | 96 hours | LC50 | >680 mg/l |

| Zeolites | 1318-02-1 | Green algae | Analogous Compound | 72 hours | EC50 | 130 mg/l |
|------------|-----------|-------------------|-----------------------|----------|------|--------------------------|
| Zeolites | 1318-02-1 | Sediment organism | Analogous Compound | 22 days | EC50 | 364.9 mg/l |
| Zeolites | 1318-02-1 | Water flea | Analogous Compound | 48 hours | EC50 | >100 mg/l |
| Zeolites | 1318-02-1 | Fathead minnow | Analogous Compound | 30 days | NOEC | 86.7 mg/l |
| Zeolites | 1318-02-1 | Green algae | Analogous Compound | 72 hours | NOEC | 18 mg/l |
| Zeolites | 1318-02-1 | Water flea | Analogous Compound | 21 days | NOEC | 32 mg/l |
| Zeolites | 1318-02-1 | Bacteria | Experimental | 16 hours | EC50 | 950 mg/l |
| Zeolites | 1318-02-1 | Radish | Experimental | 23 days | EC50 | 4,000 mg/kg (Dry Weight) |
| zinc oxide | 1314-13-2 | Activated sludge | Estimated | 3 hours | EC50 | 6.5 mg/l |
| zinc oxide | 1314-13-2 | Green algae | Estimated | 72 hours | EC50 | 0.052 mg/l |
| zinc oxide | 1314-13-2 | Rainbow trout | Estimated | 96 hours | LC50 | 0.21 mg/l |
| zinc oxide | 1314-13-2 | Water flea | Estimated | 48 hours | EC50 | 0.07 mg/l |
| zinc oxide | 1314-13-2 | Green algae | Estimated | 72 hours | NOEC | 0.006 mg/l |
| zinc oxide | 1314-13-2 | Water flea | Estimated | 7 days | NOEC | 0.02 mg/l |

12.2. Persistence and degradability

| Material | CAS Nbr | Test type | Duration | Study Type | Test result | Protocol |
|--|------------|-----------------------------------|----------|----------------------------------|--|-------------------------------------|
| acetone | 67-64-1 | Experimental Biodegradation | 28 days | BOD | 78 %BOD/ThOD | OECD 301D - Closed bottle test |
| acetone | 67-64-1 | Experimental Photolysis | | Photolytic half-life (in air) | 147 days (t 1/2) | |
| Petroleum gases, liquefied, sweetened | 68476-86-8 | Data not availbl- insufficient | N/A | N/A | N/A | N/A |
| Aluminium | 7429-90-5 | Data not availbl- insufficient | N/A | N/A | N/A | N/A |
| ethylbenzene | 100-41-4 | Experimental Biodegradation | 28 days | CO2 evolution | 70-80 %CO2 evolution/THCO2 evolution | ISO 14593 Inorg C Headspace |
| ethylbenzene | 100-41-4 | Experimental Photolysis | | Photolytic half-life (in air) | 4.26 days (t 1/2) | |
| n-butyl acetate | 123-86-4 | Experimental Biodegradation | 28 days | BOD | 83 %BOD/ThOD | OECD 301D - Closed bottle test |
| n-butyl acetate | 123-86-4 | Experimental Photolysis | | Photolytic half-life (in air) | 6.3 days (t 1/2) | |
| n-butyl acetate | 123-86-4 | Experimental Hydrolysis | | Hydrolytic half-life (pH 7) | 3.1 years (t 1/2) | |
| xylene | 1330-20-7 | Experimental Biodegradation | 28 days | BOD | 90- 98 %BOD/ThOD | OECD 301F - Manometric respirometry |
| xylene | 1330-20-7 | Experimental Photolysis | | Photolytic half-life (in air) | 1.4 days (t 1/2) | |
| Zinc | 7440-66-6 | Data not availbl- insufficient | N/A | N/A | N/A | N/A |
| cumene | 98-82-8 | Experimental Biodegradation | 14 days | BOD | 33 %BOD/ThOD | OECD 301C - MITI test (I) |
| cumene | 98-82-8 | Experimental Photolysis | | Photolytic half-life (in air) | 4.5 days (t 1/2) | |
| Quaternary ammonium compounds, bis(hydrogenated | 68953-58-2 | Estimated Biodegradation | 28 days | BOD | 3 %BOD/ThOD | OECD 301D - Closed bottle test |

| tallow alkyl)dimethyl, salts with bentonite | | | | | | |
|---|------------|-------------------------------------|---------|-------------------------------|--|--------------------------------------|
| Solvent naphtha (petroleum), light arom. | 64742-95-6 | Estimated Biodegradation | 28 days | BOD | 78 %BOD/COD | OECD 301F - Manometric respirometry |
| stoddard solvent | 8052-41-3 | Experimental Biodegradation | 28 days | CO2 evolution | >63 %CO2 evolution/THCO2 evolution | OECD 301B - Modified sturm or CO2 |
| stoddard solvent | 8052-41-3 | Experimental Photolysis | | Photolytic half-life (in air) | 6.49 days (t 1/2) | |
| toluene | 108-88-3 | Experimental Biodegradation | 20 days | BOD | 80 %BOD/ThOD | APHA Std Meth Water/Wastewater |
| toluene | 108-88-3 | Experimental Photolysis | | Photolytic half-life (in air) | 5.2 days (t 1/2) | |
| Zeolites | 1318-02-1 | Analogous Compound Hydrolysis | | Hydrolytic half-life | 60 days (t 1/2) | |
| zinc oxide | 1314-13-2 | Data not availbl- insufficient | N/A | N/A | N/A | N/A |

12.3 : Bioaccumulative potential

| Material | Cas No. | Test type | Duration | Study Type | Test result | Protocol |
|---|------------|---|----------|------------------------|-------------|--------------------------------|
| acetone | 67-64-1 | Experimental BCF - Other | | Bioaccumulation factor | 0.65 | |
| acetone | 67-64-1 | Experimental Bioconcentration | | Log Kow | -0.24 | |
| Petroleum gases, liquefied, sweetened | 68476-86-8 | Data not available or insufficient for classification | N/A | N/A | N/A | N/A |
| Petroleum gases, liquefied, sweetened | 68476-86-8 | Estimated Bioconcentration | | Log Kow | 2.8 | |
| Aluminium | 7429-90-5 | Data not available or insufficient for classification | N/A | N/A | N/A | N/A |
| ethylbenzene | 100-41-4 | Experimental BCF - Fish | 42 days | Bioaccumulation factor | 1 | |
| n-butyl acetate | 123-86-4 | Experimental Bioconcentration | | Log Kow | 2.3 | OECD 117 log Kow HPLC method |
| xylene | 1330-20-7 | Experimental BCF - Fish | 56 days | Bioaccumulation factor | 25.9 | |
| Zinc | 7440-66-6 | Estimated BCF - Fish | 56 days | Bioaccumulation factor | 242 | |
| cumene | 98-82-8 | Modeled Bioconcentration | | Bioaccumulation factor | 140 | Catalogic™ |
| cumene | 98-82-8 | Experimental Bioconcentration | | Log Kow | 3.55 | OECD 107 log Kow shke flsk mtd |
| Quaternary ammonium compounds, bis(hydrogenated tallow alkyl)dimethyl, salts with bentonite | 68953-58-2 | Data not available or insufficient for classification | N/A | N/A | N/A | N/A |
| Solvent naphtha (petroleum), light arom. | 64742-95-6 | Estimated BCF - Fish | 42 days | Bioaccumulation factor | 598 | OECD305-Bioconcentration |
| stoddard solvent | 8052-41-3 | Estimated Bioconcentration | | Log Kow | 6.4 | |
| toluene | 108-88-3 | Experimental BCF - Other | 72 hours | Bioaccumulation factor | 90 | |
| toluene | 108-88-3 | Experimental Bioconcentration | | Log Kow | 2.73 | |
| Zeolites | 1318-02-1 | Data not available or insufficient for | N/A | N/A | N/A | N/A |

| | | classification | | | | |
|------------|-----------|------------------|---------|-----------------|------|--------------------------|
| zinc oxide | 1314-13-2 | Experimental BCF | 56 days | Bioaccumulation | ≤217 | OECD305-Bioconcentration |
| | | - Fish | - | factor | | |

12.4. Mobility in soil

| Material | Cas No. | Test type | Study Type | Test result | Protocol |
|-----------------|----------|----------------------------------|------------|-------------|------------------------|
| acetone | 67-64-1 | Modeled Mobility in Soil | Koc | 9.7 l/kg | Episuite TM |
| n-butyl acetate | 123-86-4 | Modeled Mobility in Soil | Koc | 135 l/kg | Episuite TM |
| cumene | 98-82-8 | Modeled Mobility in Soil | Koc | 700 | Episuite TM |
| toluene | 108-88-3 | Experimental Mobility in Soil | Koc | 37-160 l/kg | |

12.5. Results of the PBT and vPvB assessment

This material does not contain any substances that are assessed to be a PBT or vPvB

12.6. Other adverse effects

This material does not contain any substances that are assessed to be an endocrine disruptor for environmental effects

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Dispose of contents/ container in accordance with the local/regional/national/international regulations.

Incinerate in a permitted waste incineration facility. Facility must be capable of handling aerosol cans. As a disposal alternative, utilize an acceptable permitted waste disposal facility. Empty drums/barrels/containers used for transporting and handling hazardous chemicals (chemical substances/mixtures/preparations classified as Hazardous as per applicable regulations) shall be considered, stored, treated & disposed of as hazardous wastes unless otherwise defined by applicable waste regulations. Consult with the respective regulating authorities to determine the available treatment and disposal facilities.

The coding of a waste stream is based on the application of the product by the consumer. Since this is out of the control of 3M, no waste code(s) for products after use will be provided. Please refer to the European Waste Code (EWC - 2000/532/EC and amendments) to assign the correct waste code to your waste stream. Ensure national and/or regional regulations are complied with and always use a licensed waste contractor.

EU waste code (product as sold)

08 01 11* Waste paint and varnish containing organic solvents or other dangerous substances 16 05 04* Gases in pressure containers (including halons) containing dangerous substances

EU waste code (product container after use)

15 01 04 Metallic packaging

SECTION 14: Transportation information

| | Ground Transport (ADR) | Air Transport (IATA) | Marine Transport (IMDG) |
|------------------------------|------------------------|----------------------|-------------------------|
| 14.1 UN number | UN1950 | UN1950 | UN1950 |
| 14.2 UN proper shipping name | AEROSOLS | AEROSOLS, FLAMMABLE | AEROSOLS(ZINC) |

| 14.3 Transport hazard class(es) | 2.1 | 2.1 | 2.1 |
|--|--|--|--|
| 14.4 Packing group | Not applicable. | Not applicable. | Not applicable. |
| 14.5 Environmental hazards | Environmentally Hazardous | Not applicable | Marine Pollutant |
| 14.6 Special precautions for user | Please refer to the other sections of the SDS for further information. | Please refer to the other sections of the SDS for further information. | Please refer to the other sections of the SDS for further information. |
| 14.7 Transport in bulk according to Annex II of Marpol 73/78 and IBC Code | No data available. | No data available. | No data available. |
| Control Temperature | No data available. | No data available. | No data available. |
| Emergency Temperature | No data available. | No data available. | No data available. |
| ADR Classification Code | 5F | Not applicable. | Not applicable. |
| IMDG Segregation Code | Not applicable. | Not applicable. | NONE |

Please contact the address or phone number listed on the first page of the SDS for additional information on the transport/shipment of the material by rail (RID) or inland waterways (ADN).

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

| Carcinogenicity <u>Ingredient</u> | CAS Nbr | <u>Classification</u> | Regulation |
|-----------------------------------|-----------|-------------------------------|---|
| cumene | 98-82-8 | Carc. 1B | Annex VI-18th ATP according to the retained CLP Regulation (EU) No 1272/2008, as amended for Great Britain |
| cumene | 98-82-8 | Grp. 2B: Possible human carc. | International Agency for Research on Cancer |
| ethylbenzene | 100-41-4 | Grp. 2B: Possible human carc. | International Agency for Research on Cancer |
| toluene | 108-88-3 | Gr. 3: Not classifiable | International Agency for Research on Cancer |
| xylene | 1330-20-7 | Gr. 3: Not classifiable | International Agency for Research on Cancer |
| Zeolites | 1318-02-1 | Gr. 3: Not classifiable | International Agency for Research on Cancer |

Restrictions on the manufacture, placing on the market and use:

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The following substance(s) contained in this product is/are subject to Annex XVII of regulation (EC) 1907/2006, as amended for GB, with regard to restrictions on the manufacture, placing on the market and use when present in certain dangerous conditions. Users of this product are required to comply with the restrictions placed upon it by the aforementioned provision.

IngredientCAS Nbrtoluene108-88-3

Restriction status: listed in UK REACH Annex XVII

Restricted uses: See Annex XVII to Regulation (EC) No 1907/2006 as amended for Great Britain for Conditions of

Restriction

Global inventory status

Contact 3M for more information. The components of this material are in compliance with the provisions of the Korea Chemical Control Act. Certain restrictions may apply. Contact the selling division for additional information. The components of this material are in compliance with the provisions of Australia National Industrial Chemical Notification and Assessment Scheme (NICNAS). Certain restrictions may apply. Contact the selling division for additional information. The components of this material are in compliance with the provisions of Philippines RA 6969 requirements. Certain restrictions may apply. Contact the selling division for additional information. The components of this product are in compliance with the new substance notification requirements of CEPA. This product complies with Measures on Environmental Management of New Chemical Substances. All ingredients are listed on or exempt from on China IECSC inventory. The components of this product are in compliance with the chemical notification requirements of TSCA. All required components of this product are listed on the active portion of the TSCA Inventory.

COMAH Regulation, SI 2015/483

Seveso hazard categories, Annex 1, Part 1

| Hazard Categories | Qualifying quantity (tonnes) for the application of | |
|-----------------------------|---|-------------------------|
| | Lower-tier requirements | Upper-tier requirements |
| E1 Hazardous to the Aquatic | 100 | 200 |
| environment | | |
| P3a FLAMMABLE AEROSOLS | 150 (net) | 500 (net) |

Seveso named dangerous substances, Annex 1, Part 2

| Dangerous Substances | Identifier(s) | Qualifying quantity (tonnes) for the application of | |
|---------------------------------------|---------------|---|-------------------------|
| | | Lower-tier requirements | Upper-tier requirements |
| acetone | 67-64-1 | 10 | 50 |
| Aluminium | 7429-90-5 | 50 | 200 |
| cumene | 98-82-8 | 10 | 50 |
| ethylbenzene | 100-41-4 | 10 | 50 |
| n-butyl acetate | 123-86-4 | 10 | 50 |
| Petroleum gases, liquefied, sweetened | 68476-86-8 | 10 | 50 |
| toluene | 108-88-3 | 10 | 50 |
| xylene | 1330-20-7 | 10 | 50 |
| Zinc | 7440-66-6 | 50 | 200 |

| Zinc | 7440-66-6 | 100 | 200 |
|------------|-----------|-----|-----|
| zinc oxide | 1314-13-2 | 100 | 200 |

Regulation (EU) No 649/2012, as amended for GB

No chemicals listed

15.2. Chemical Safety Assessment

A chemical safety assessment has not been carried out for this substance/mixture in accordance with Regulation (EC) No 1907/2006, as amended for GB.

SECTION 16: Other information

List of relevant H statements

| EUH066 | Repeated exposure may cause skin dryness or cracking. |
|--------|---|
| H220 | Extremely flammable gas. |
| H222 | Extremely flammable aerosol. |
| H225 | Highly flammable liquid and vapour. |
| H226 | Flammable liquid and vapour. |
| H228 | Flammable solid. |
| H229 | Pressurised container: may burst if heated. |
| H261 | In contact with water releases flammable gas. |
| H280 | Contains gas under pressure; may explode if heated. |
| H304 | May be fatal if swallowed and enters airways. |
| H312 | Harmful in contact with skin. |
| H315 | Causes skin irritation. |
| H319 | Causes serious eye irritation. |
| H332 | Harmful if inhaled. |
| H335 | May cause respiratory irritation. |
| H336 | May cause drowsiness or dizziness. |
| H350 | May cause cancer. |
| H361d | Suspected of damaging the unborn child. |
| H372 | Causes damage to organs through prolonged or repeated exposure. |
| H373 | May cause damage to organs through prolonged or repeated exposure. |
| H373 | May cause damage to organs through prolonged or repeated exposure: nervous system sensory |
| | organs. |
| H400 | Very toxic to aquatic life. |
| H410 | Very toxic to aquatic life with long lasting effects. |
| H411 | Toxic to aquatic life with long lasting effects. |
| H412 | Harmful to aquatic life with long lasting effects. |

Revision information:

GB Section 02: CLP Ingredient table information was modified.

GB Section 04: First Aid - Symptoms and Effects (GB CLP) information was modified.

GB Section 15: Carcinogenicity information information was modified.

Label: CLP Classification information was modified.

Label: CLP Precautionary - Prevention information was modified.

Label: CLP Precautionary - Response information was added.

Label: CLP Target Organ Hazard Statement information was modified.

Section 02: Label Elements: GB Percent Unknown information was modified.

Section 02: SDS Elements: CLP Supplemental Precautionary Statements information was added.

Section 3: Composition/Information of ingredients table information was modified.

Section 4: First aid for ingestion (swallowing) information information was modified.

Section 4: First aid for skin contact information information was modified.

Section 8: Eye/face protection information information was modified.

- Section 8: Occupational exposure limit table information was modified.
- Section 9: Density information information was modified.
- Section 9: Flash point information information was modified.
- Section 9: Relative density information information was modified.
- Section 11: Acute Toxicity table information was modified.
- Section 11: Aspiration Hazard Table information was modified.
- Section 11: Carcinogenicity Table information was modified.
- Section 11: Germ Cell Mutagenicity Table information was modified.
- Section 11: Health Effects Ingestion information information was modified.
- Section 11: Health Effects Skin information information was modified.
- Section 11: Prolonged or repeated exposure may cause standard phrases information was modified.
- Section 11: Reproductive Toxicity Table information was modified.
- Section 11: Reproductive/developmental effects information information was added.
- Section 11: Serious Eve Damage/Irritation Table information was modified.
- Section 11: Single exposure may cause standard phrases information was modified.
- Section 11: Skin Corrosion/Irritation Table information was modified.
- Section 11: Skin Sensitization Table information was modified.
- Section 11: Target Organs Repeated Table information was modified.
- Section 11: Target Organs Single Table information was modified.
- Section 12: Component ecotoxicity information information was modified.
- Section 12: Mobility in soil information information was modified.
- Section 12: Persistence and Degradability information information was modified.
- Section 12:Bioccumulative potential information information was modified.
- Section 15: Regulations Inventories information was modified.
- Section 15: Restrictions on manufacture ingredients information information was added.
- Section 15: Seveso Hazard Category Text information was added.
- Section 15: Seveso Substance Text information was modified.

Two-column table displaying the unique list of H Codes and statements (std phrases) for all components of the given material. information was modified.

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