



Safety Data Sheet

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SECTION 1: Identification

1.1. Product identifier

3M(TM) Piezo Inkjet Ink 1585v2 Light Black

Product Identification Numbers

75-3472-5464-3
7100036328

1.2. Recommended use and restrictions on use

Recommended use

Screen printing ink, Ink

1.3. Supplier's details

MANUFACTURER: 3M
DIVISION: Commercial Branding and Transportation Division
ADDRESS: 3M Center, St. Paul, MN 55144-1000, USA
Telephone: 1-888-3M HELPS (1-888-364-3577)

1.4. Emergency telephone number

1-800-364-3577 or (651) 737-6501 (24 hours)

SECTION 2: Hazard identification

2.1. Hazard classification

Flammable Liquid: Category 4.
Acute Toxicity (oral): Category 4.
Serious Eye Damage/Irritation: Category 1.
Skin Corrosion/Irritation: Category 2.
Reproductive Toxicity: Category 2.
Carcinogenicity: Category 2.

2.2. Label elements

Signal word

Danger

Symbols

Corrosion | Exclamation mark | Health Hazard |

Pictograms**Hazard Statements**

Combustible liquid.

Harmful if swallowed.

Causes serious eye damage.

Causes skin irritation.

Suspected of damaging fertility or the unborn child.

Suspected of causing cancer.

Precautionary Statements**Prevention:**

Obtain special instructions before use.

Do not handle until all safety precautions have been read and understood.

Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

Wear protective gloves and eye/face protection.

Do not eat, drink or smoke when using this product.

Wash thoroughly after handling.

Response:

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

IF ON SKIN: Wash with plenty of soap and water.

Immediately call a POISON CENTER or doctor/physician.

If skin irritation occurs: Get medical advice/attention.

Take off contaminated clothing and wash it before reuse.

Rinse mouth.

IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

In case of fire: Use a fire fighting agent suitable for flammable liquids such as dry chemical or carbon dioxide to extinguish.

Storage:

Keep container tightly closed.

Keep cool.

Store locked up in a well-ventilated place.

Disposal:

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

4% of the mixture consists of ingredients of unknown acute inhalation toxicity.

SECTION 3: Composition/information on ingredients

| Ingredient | C.A.S. No. | % by Wt |
|-----------------------|---------------|---------|
| 2-BUTOXYETHYL ACETATE | 112-07-2 | 70 - 85 |
| CYCLOHEXANONE | 108-94-1 | 7 - 20 |
| ETHYL LACTATE | 97-64-3 | 1 - 10 |
| STABILIZER | Trade Secret* | 0.1 - 5 |

| | | |
|---------------------|-----------|---------|
| TRICRESYL PHOSPHATE | 1330-78-5 | 0.1 - 2 |
| CARBON BLACK | 1333-86-4 | < 1 |

*The specific chemical identity and/or exact percentage (concentration) of this composition has been withheld as a trade secret.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation:

Remove person to fresh air. If you feel unwell, get medical attention.

Skin Contact:

Immediately wash with soap and water. Remove contaminated clothing and wash before reuse. 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:

Rinse mouth. If you feel unwell, get medical attention.

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

Serious damage to the eyes (corneal cloudiness, severe pain, tearing, ulcerations, and significantly impaired or loss of vision).

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

Not applicable.

SECTION 5: Fire-fighting measures

5.1. Suitable extinguishing media

In case of fire: Use a fire fighting agent suitable for flammable liquids such as dry chemical or carbon dioxide to extinguish.

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

Condition

During Combustion

During Combustion

5.3. Special protective actions 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 vapors, in accordance with good industrial hygiene practice. Warning! A motor could be an ignition source and

could cause flammable gases or vapors 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 dikes to prevent entry into sewer systems or bodies of water.

6.3. Methods and material for containment and cleaning up

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 closed 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 in accordance with applicable local/regional/national/international regulations.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

For industrial/occupational use only. Not for consumer sale or use. Do not handle until all safety precautions have been read and understood. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Avoid breathing dust/fume/gas/mist/vapors/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 release to the environment. Avoid contact with oxidizing agents (eg. chlorine, chromic acid etc.) Use personal protective equipment (gloves, respirators, etc.) as required.

7.2. Conditions for safe storage including any incompatibilities

Store in a well-ventilated place. Keep cool. Protect from sunlight. Store away from heat. Store away from acids. Store away from strong bases. Store away from oxidizing agents.

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.

| Ingredient | C.A.S. No. | Agency | Limit type | Additional Comments |
|-----------------------|------------|--------|---------------------------------|--|
| CYCLOHEXANONE | 108-94-1 | ACGIH | TWA:20 ppm;STEL:50 ppm | A3: Confirmed animal carcin., Danger of cutaneous absorption |
| CYCLOHEXANONE | 108-94-1 | OSHA | TWA:200 mg/m3(50 ppm) | |
| 2-BUTOXYETHYL ACETATE | 112-07-2 | ACGIH | TWA:20 ppm | A3: Confirmed animal carcin. |
| CARBON BLACK | 1333-86-4 | ACGIH | TWA(inhalable fraction):3 mg/m3 | A3: Confirmed animal carcin. |
| CARBON BLACK | 1333-86-4 | OSHA | TWA:3.5 mg/m3 | |

ACGIH : American Conference of Governmental Industrial Hygienists

AIHA : American Industrial Hygiene Association

CMRG : Chemical Manufacturer's Recommended Guidelines

OSHA : United States Department of Labor - Occupational Safety and Health Administration

TWA: Time-Weighted-Average

STEL: Short Term Exposure Limit

CEIL: Ceiling

8.2. Exposure controls

8.2.1. Engineering controls

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/vapors/spray. If ventilation is not adequate, use respiratory protection 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:

Full Face Shield

Indirect Vented Goggles

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: Polymer laminate

If this product is used in a manner that presents a higher potential for exposure (eg. spraying, high splash potential etc.), then use of protective coveralls may be necessary. Select and use body protection to prevent contact based on the results of an exposure assessment. The following protective clothing material(s) are recommended: Apron - polymer laminate

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 vapors and particulates

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

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties**Appearance**

Physical state

Liquid

Color

Black

Specific Physical Form:

Liquid

Odor

Slight Solvent

Odor threshold

No Data Available

pH

Not Applicable

Melting point

Not Applicable

Boiling Point

> 380 °F

Flash Point

142 °F [*Test Method:*Closed Cup]

Evaporation rate

No Data Available

Flammability (solid, gas)

Not Applicable

Flammable Limits(LEL)

0.88 %

Flammable Limits(UEL)

12.75 %

Vapor Pressure

No Data Available

Vapor Density

No Data Available

Density

0.968 g/ml

| | |
|---|--------------------------|
| Specific Gravity | 0.968 [Ref Std: WATER=1] |
| Solubility in Water | Moderate |
| Solubility- non-water | No Data Available |
| Partition coefficient: n-octanol/ water | No Data Available |
| Autoignition temperature | > 600 °F |
| Decomposition temperature | No Data Available |
| Viscosity | No Data Available |
| Volatile Organic Compounds | 890 g/l |
| Percent volatile | 85 - 95 % |
| VOC Less H2O & Exempt Solvents | 890 g/l |

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 polymerization will not occur.

10.4. Conditions to avoid

Sparks and/or flames

Heat

10.5. Incompatible materials

Strong oxidizing agents

Strong bases

Strong acids

Reducing agents

10.6. Hazardous decomposition products

| <u>Substance</u> | <u>Condition</u> |
|------------------|------------------|
|------------------|------------------|

| | |
|-------------|--|
| None known. | |
|-------------|--|

Refer to section 5.2 for hazardous decomposition products during combustion.

SECTION 11: Toxicological information

The information below may not be consistent with the material classification in Section 2 if specific ingredient classifications are mandated by a competent authority. In addition, toxicological data on ingredients may not be reflected in the material classification and/or the signs and symptoms of exposure, because an ingredient may be present below the threshold for labeling, an ingredient may not be available for exposure, or the data may not be relevant to the material as a whole.

11.1. Information on Toxicological effects

Signs and Symptoms of Exposure

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

Inhalation:

May be harmful if inhaled.

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:

May be harmful in contact with skin.

Skin Irritation: Signs/symptoms may include localized redness, swelling, itching, dryness, cracking, blistering, and pain.
May cause additional health effects (see below).

Eye Contact:

Corrosive (Eye Burns): Signs/symptoms may include cloudy appearance of the cornea, chemical burns, severe pain, tearing, ulcerations, significantly impaired vision or complete loss of vision.

Ingestion:

Harmful if swallowed. Gastrointestinal Irritation: Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhea.

May cause additional health effects (see below).

Additional Health Effects:

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.

| Ingredient | CAS No. | Class Description | Regulation |
|--------------|-----------|-------------------------------|---|
| Carbon black | 1333-86-4 | Grp. 2B: Possible human carc. | International Agency for Research on 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 >2,000 - =5,000 mg/kg |
| Overall product | Inhalation-Vapor(4 hr) | | No data available; calculated ATE >20 - =50 mg/l |
| Overall product | Ingestion | | No data available; calculated ATE >300 - =2,000 mg/kg |
| 2-BUTOXYETHYL ACETATE | Dermal | Rabbit | LD50 > 4,766 mg/kg |
| 2-BUTOXYETHYL ACETATE | Inhalation-Vapor (4 hours) | Rat | LC50 > 2.66 mg/l |
| 2-BUTOXYETHYL ACETATE | Ingestion | Rat | LD50 1,880 mg/kg |
| CYCLOHEXANONE | Dermal | Rabbit | LD50 >794, <3160 mg/kg |
| CYCLOHEXANONE | Inhalation-Vapor (4 hours) | Rat | LC50 > 6.2 mg/l |
| CYCLOHEXANONE | Ingestion | Rat | LD50 1,296 mg/kg |
| ETHYL LACTATE | Dermal | Professional judgment | LD50 estimated to be 2,000 - 5,000 mg/kg |
| ETHYL LACTATE | Ingestion | Rat | LD50 > 2,000 mg/kg |
| STABILIZER | Dermal | Rat | LD50 > 2,000 mg/kg |
| STABILIZER | Ingestion | Rat | LD50 > 2,000 mg/kg |
| TRICRESYL PHOSPHATE | Dermal | Rabbit | LD50 3,700 mg/kg |

| | | | |
|---------------------|--------------------------------|--------|--------------------|
| TRICRESYL PHOSPHATE | Inhalation-Dust/Mist (4 hours) | Rat | LC50 > 5.2 mg/l |
| TRICRESYL PHOSPHATE | Ingestion | Rat | LD50 15,750 mg/kg |
| CARBON BLACK | Dermal | Rabbit | LD50 > 3,000 mg/kg |
| CARBON BLACK | Ingestion | Rat | LD50 > 8,000 mg/kg |

ATE = acute toxicity estimate

Skin Corrosion/Irritation

| Name | Species | Value |
|-----------------------|---------------|---------------------------|
| 2-BUTOXYETHYL ACETATE | Rabbit | Minimal irritation |
| CYCLOHEXANONE | Rabbit | Irritant |
| ETHYL LACTATE | In vitro data | Irritant |
| STABILIZER | Rabbit | No significant irritation |
| TRICRESYL PHOSPHATE | Rabbit | No significant irritation |
| CARBON BLACK | Rabbit | No significant irritation |

Serious Eye Damage/Irritation

| Name | Species | Value |
|-----------------------|---------------|---------------------------|
| 2-BUTOXYETHYL ACETATE | Rabbit | Mild irritant |
| CYCLOHEXANONE | In vitro data | Corrosive |
| ETHYL LACTATE | In vitro data | Corrosive |
| STABILIZER | Rabbit | No significant irritation |
| TRICRESYL PHOSPHATE | Rabbit | No significant irritation |
| CARBON BLACK | Rabbit | No significant irritation |

Skin Sensitization

| Name | Species | Value |
|-----------------------|------------------------|----------------|
| 2-BUTOXYETHYL ACETATE | Guinea pig | Not classified |
| CYCLOHEXANONE | Guinea pig | Not classified |
| STABILIZER | Guinea pig | Not classified |
| TRICRESYL PHOSPHATE | Professional judgement | Not classified |

Respiratory Sensitization

For the component/components, either no data are currently available or the data are not sufficient for classification.

Germ Cell Mutagenicity

| Name | Route | Value |
|---------------------|----------|--|
| CYCLOHEXANONE | In vivo | Not mutagenic |
| CYCLOHEXANONE | In Vitro | Some positive data exist, but the data are not sufficient for classification |
| ETHYL LACTATE | In Vitro | Not mutagenic |
| STABILIZER | In Vitro | Not mutagenic |
| STABILIZER | In vivo | Not mutagenic |
| TRICRESYL PHOSPHATE | In Vitro | Not mutagenic |
| TRICRESYL PHOSPHATE | In vivo | Not mutagenic |
| CARBON BLACK | In Vitro | Not mutagenic |
| CARBON BLACK | In vivo | Some positive data exist, but the data are not sufficient for classification |

Carcinogenicity

| Name | Route | Species | Value |
|---------------------|------------|-------------------------|--|
| CYCLOHEXANONE | Ingestion | Multiple animal species | Some positive data exist, but the data are not sufficient for classification |
| TRICRESYL PHOSPHATE | Ingestion | Multiple animal species | Not carcinogenic |
| CARBON BLACK | Dermal | Mouse | Not carcinogenic |
| CARBON BLACK | Ingestion | Mouse | Not carcinogenic |
| CARBON BLACK | Inhalation | Rat | Carcinogenic |

Reproductive Toxicity**Reproductive and/or Developmental Effects**

| Name | Route | Value | Species | Test Result | Exposure Duration |
|---------------------|------------|--|-------------------------|-----------------------|--------------------------|
| CYCLOHEXANONE | Inhalation | Not classified for female reproduction | Rat | NOAEL 4 mg/l | 2 generation |
| CYCLOHEXANONE | Inhalation | Not classified for male reproduction | Rat | NOAEL 2 mg/l | 2 generation |
| CYCLOHEXANONE | Ingestion | Not classified for development | Mouse | LOAEL 1,100 mg/kg/day | during organogenesis |
| CYCLOHEXANONE | Inhalation | Not classified for development | Rat | NOAEL 2 mg/l | 2 generation |
| ETHYL LACTATE | Ingestion | Not classified for female reproduction | Rat | NOAEL 600 mg/kg/day | premating into lactation |
| ETHYL LACTATE | Ingestion | Not classified for male reproduction | Rat | NOAEL 600 mg/kg/day | 28 days |
| ETHYL LACTATE | Ingestion | Not classified for development | Rat | LOAEL 75 mg/kg/day | premating into lactation |
| STABILIZER | Ingestion | Not classified for development | Rat | NOAEL 1,000 mg/kg/day | during gestation |
| TRICRESYL PHOSPHATE | Ingestion | Not classified for development | Rat | NOAEL 400 mg/kg/day | during gestation |
| TRICRESYL PHOSPHATE | Ingestion | Toxic to female reproduction | Multiple animal species | NOAEL Not available | premating into lactation |
| TRICRESYL PHOSPHATE | Ingestion | Toxic to male reproduction | Multiple animal species | NOAEL Not available | premating into lactation |

Target Organ(s)**Specific Target Organ Toxicity - single exposure**

| Name | Route | Target Organ(s) | Value | Species | Test Result | Exposure Duration |
|-----------------------|------------|-----------------------------------|--|-------------------|---------------------|-------------------|
| 2-BUTOXYETHYL ACETATE | Dermal | blood | Not classified | similar compounds | NOAEL Not available | |
| 2-BUTOXYETHYL ACETATE | Inhalation | central nervous system depression | Some positive data exist, but the data are not sufficient for classification | similar compounds | NOAEL Not available | |
| 2-BUTOXYETHYL ACETATE | Inhalation | blood | Not classified | similar compounds | NOAEL Not available | |
| 2-BUTOXYETHYL ACETATE | Ingestion | blood | Not classified | similar compounds | NOAEL Not available | |
| CYCLOHEXANONE | Inhalation | central nervous system depression | May cause drowsiness or dizziness | Guinea pig | LOAEL 16.1 mg/l | 6 hours |
| CYCLOHEXANONE | Inhalation | respiratory irritation | Some positive data exist, but the data are not sufficient for classification | Human | NOAEL Not available | |

| | | | | | | |
|---------------------|------------|-----------------------------------|-----------------------------------|------------------------|---------------------|--|
| CYCLOHEXANONE | Ingestion | central nervous system depression | May cause drowsiness or dizziness | Professional judgement | NOAEL Not available | |
| ETHYL LACTATE | Inhalation | respiratory irritation | May cause respiratory irritation | similar health hazards | NOAEL Not available | |
| TRICRESYL PHOSPHATE | Ingestion | peripheral nervous system | Not classified | Chicken | NOAEL 2,000 mg/kg | |

Specific Target Organ Toxicity - repeated exposure

| Name | Route | Target Organ(s) | Value | Species | Test Result | Exposure Duration |
|-----------------------|------------|---|--|-------------------|-----------------------|-----------------------|
| 2-BUTOXYETHYL ACETATE | Dermal | blood | Not classified | similar compounds | NOAEL Not available | not available |
| 2-BUTOXYETHYL ACETATE | Inhalation | blood | Not classified | similar compounds | NOAEL Not available | 6 months |
| 2-BUTOXYETHYL ACETATE | Ingestion | blood | Not classified | similar compounds | NOAEL Not available | 13 weeks |
| CYCLOHEXANONE | Inhalation | liver kidney and/or bladder | Not classified | Rabbit | NOAEL 0.76 mg/l | 50 days |
| CYCLOHEXANONE | Ingestion | liver | Not classified | Mouse | NOAEL 4,800 mg/kg/day | 90 days |
| ETHYL LACTATE | Ingestion | gastrointestinal tract hematopoietic system immune system kidney and/or bladder nervous system | Not classified | Rat | NOAEL 600 mg/kg/day | 28 days |
| STABILIZER | Ingestion | liver nervous system respiratory system heart endocrine system gastrointestinal tract bone, teeth, nails, and/or hair hematopoietic system immune system eyes kidney and/or bladder | Not classified | Rat | NOAEL 1,000 mg/kg/day | 13 weeks |
| TRICRESYL PHOSPHATE | Ingestion | kidney and/or bladder | Some positive data exist, but the data are not sufficient for classification | Rat | NOAEL 230 mg/kg/day | 13 weeks |
| TRICRESYL PHOSPHATE | Ingestion | endocrine system liver heart skin gastrointestinal tract bone, teeth, nails, and/or hair hematopoietic system immune system nervous system respiratory system | Not classified | Rat | NOAEL 750 mg/kg/day | 13 weeks |
| CARBON BLACK | Inhalation | pneumoconiosis | Not classified | Human | NOAEL Not available | occupational exposure |

Aspiration Hazard

For the component/components, either no data are currently available or the data are not sufficient for classification.

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.

SECTION 12: Ecological information**Ecotoxicological information**

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

Chemical fate information

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

SECTION 13: Disposal considerations**13.1. Disposal methods**

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

Incinerate in a permitted waste incineration facility. Proper destruction may require the use of additional fuel during incineration processes. 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.

EPA Hazardous Waste Number (RCRA): Not regulated

SECTION 14: Transport Information

For Transport Information, please visit <http://3M.com/Transportinfo> or call 1-800-364-3577 or 651-737-6501.

SECTION 15: Regulatory information**15.1. US Federal Regulations**

Contact 3M for more information.

EPCRA 311/312 Hazard Classifications:**Physical Hazards**

Flammable (gases, aerosols, liquids, or solids)

Health Hazards

Acute toxicity

Carcinogenicity

Reproductive toxicity

Serious eye damage or eye irritation

Skin Corrosion or Irritation

Section 313 Toxic Chemicals subject to the reporting requirements of that section and 40 CFR part 372 (EPCRA):

Ingredient

2-BUTOXYETHYL ACETATE (GLYCOL
ETHERS)

C.A.S. No

112-07-2

% by Wt

70 - 85

15.2. State Regulations

Contact 3M for more information.

15.3. Chemical Inventories

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.

Contact 3M for more information.

15.4. International Regulations

Contact 3M for more information.

This SDS has been prepared to meet the U.S. OSHA Hazard Communication Standard, 29 CFR 1910.1200.

SECTION 16: Other information

NFPA Hazard Classification

Health: 3 **Flammability:** 2 **Instability:** 0 **Special Hazards:** None

National Fire Protection Association (NFPA) hazard ratings are designed for use by emergency response personnel to address the hazards that are presented by short-term, acute exposure to a material under conditions of fire, spill, or similar emergencies. Hazard ratings are primarily based on the inherent physical and toxic properties of the material but also include the toxic properties of combustion or decomposition products that are known to be generated in significant quantities.

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