



## Safety Data Sheet

Copyright, 2021, 3M Canada Company. All rights reserved. Copying and/or downloading of this information for the purpose of properly utilizing 3M products is allowed provided that: (1) the information is copied in full with no changes unless prior written agreement is obtained from 3M, and (2) neither the copy nor the original is resold or otherwise distributed with the intention of earning a profit thereon.

|                        |            |                         |            |
|------------------------|------------|-------------------------|------------|
| <b>Document group:</b> | 31-0130-0  | <b>Version number:</b>  | 5.00       |
| <b>Issue Date:</b>     | 2021/11/10 | <b>Supersedes Date:</b> | 2020/10/22 |

This Safety Data Sheet has been prepared in accordance with the Canadian Hazardous Products Regulations.

### SECTION 1: Identification

#### 1.1. Product identifier

3M™ Marine Compound and Finishing Material, 06044

#### Product Identification Numbers

60-4550-6912-4      60-4550-6965-2      60-4550-6966-0      UU-0032-4265-6      XS-0414-1753-5  
XS-0414-1973-9

#### 1.2. Recommended use and restrictions on use

##### Intended Use

Marine

##### Specific Use

Rubber Compound

##### Restrictions on use

Not applicable

#### 1.3. Supplier's details

|                   |  |
|-------------------|--|
| <b>Company:</b>   | 3M Canada Company  |
| <b>Division:</b>  | Automotive Aftermarket   |
| <b>Address:</b>   | 1840 Oxford Street East, Post Office Box 5757, London, Ontario N6A 4T1 |
| <b>Telephone:</b> | (800) 364-3577   |
| <b>Website:</b>   | www.3M.ca  |

#### 1.4. Emergency telephone number

Medical Emergency Telephone: 1-800-3M HELPS / 1-800-364-3577; Transportation Emergency Telephone (CANUTEC): (613) 996-6666

### SECTION 2: Hazard identification

#### 2.1. Classification of the substance or mixture

Skin Sensitizer: Category 1B.

Specific Target Organ Toxicity (single exposure): Category 3.

Specific Target Organ Toxicity (repeated exposure): Category 1.

**2.2. Label elements****Signal word**

Danger

**Symbols**

Exclamation mark | Health Hazard |

**Pictograms****Hazard statements**

May cause an allergic skin reaction. May cause drowsiness or dizziness.

Causes damage to organs through prolonged or repeated exposure: nervous system |

**Precautionary statements****General:**

Keep out of reach of children.

**Prevention:**

Do not breathe dust/fume/gas/mist/vapours/spray. Use only outdoors or in a well-ventilated area. Wear protective gloves. Do not eat, drink or smoke when using this product. Wash exposed skin thoroughly after handling. Contaminated work clothing must not be allowed out of the workplace.

**Response:**

IF INHALED: Remove person to fresh air and keep comfortable for breathing. IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse. Get medical advice/attention if you feel unwell.

**Storage:**

Store in a well-ventilated place. Keep container tightly closed. Store locked up.

**Disposal:**

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

**2.3. Other hazards**

None known.

**SECTION 3: Composition/information on ingredients**

This material is a mixture.

| Ingredient                              | C.A.S. No. | % by Wt                | Common Name  |
|---|------------|------------------------|--|
| Aluminum Oxide (non-fibrous)            | 1344-28-1  | 15 - 40                | Aluminum oxide (non-fibrous)   |
| Stoddard Solvent                        | 8052-41-3  | 15 - 40 Trade Secret * | Stoddard solvent   |
| Water                                   | 7732-18-5  | 15 - 40                | Water  |
| Polyethylene Glycol Sorbitan Monooleate | 9005-65-6  | 3 - 7                  | Sorbitan, mono-9-octadecenoate, poly(oxy-1,2-ethanediyl) derivs., (Z)- |
| White Mineral Oil (Petroleum)           | 8042-47-5  | 1 - 5                  | White mineral oil (petroleum)  |
| 1,2,4-TRIMETHYLBENZENE                  | 95-63-6    | < 2                    | Benzene, 1,2,4-trimethyl-  |

|                     |           |                        |                   |
|---------------------|-----------|------------------------|-------------------|
| NONANE              | 111-84-2  | < 2                    | Nonane            |
| Alkyloammonium Salt | 701-048-1 | 0.1 - 1 Trade Secret * | No Data Available |

\*The actual concentration of this ingredient 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:

No need for first aid is anticipated.

#### If Swallowed:

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

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

Allergic skin reaction (redness, swelling, blistering, and itching). Central nervous system depression (headache, dizziness, drowsiness, incoordination, nausea, slurred speech, giddiness, and unconsciousness). Target organ effects following prolonged or repeated exposure. See Section 11 for additional details.

### 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 ordinary combustible material such as water or foam to extinguish.

### 5.2. Special hazards arising from the substance or mixture

None inherent in this product.

### Hazardous Decomposition or By-Products

#### Substance

Carbon monoxide  
Carbon dioxide  
Oxides of Nitrogen

#### Condition

During Combustion  
During Combustion  
During Combustion

### 5.3. Special protective actions for fire-fighters

Wear full protective equipment (Bunker Gear) and a self-contained breathing apparatus (SCBA).

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

Evacuate area. 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. 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. 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. Place in a closed container approved for transportation by appropriate authorities. Clean up residue with an appropriate solvent selected by a qualified and authorized person. Ventilate the area with fresh air. Read and follow safety precautions on the solvent label and SDS. 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**

Keep out of reach of children. 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. Contaminated work clothing should not be allowed out of the workplace. Avoid release to the environment. Wash contaminated clothing before reuse. Avoid contact with oxidizing agents (eg. chlorine, chromic acid etc.)

**7.2. Conditions for safe storage including any incompatibilities**

Store in a well-ventilated place. Keep container tightly closed. Store away from heat. Store away from acids. 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            |
|---|------------|--------|--------------------------------------|--------------------------------|
| NONANE                                      | 111-84-2   | ACGIH  | TWA: 200 ppm                         |                                |
| Aluminum, insoluble compounds               | 1344-28-1  | ACGIH  | TWA(respirable fraction):1 mg/m3     |                                |
| CAS NO SEQ117921                            | 1344-28-1  | ACGIH  | TWA(inhalable particulates):10 mg/m3 |                                |
| CAS NO SEQ117922                            | 1344-28-1  | ACGIH  | TWA(respirable particles):3 mg/m3    |                                |
| Mineral oils (untreated and mildly treated) | 8042-47-5  | ACGIH  | Limit value not established:         | Cntrl all exposr-low as possib |
| MINERAL OILS, HIGHLY-REFINED OILS           | 8042-47-5  | ACGIH  | TWA(inhalable fraction):5 mg/m3      |                                |
| Stoddard Solvent                            | 8052-41-3  | ACGIH  | TWA:100 ppm                          |                                |
| Benzene, trimethyl-                         | 95-63-6    | ACGIH  | TWA:25 ppm                           |                                |

ACGIH : American Conference of Governmental Industrial Hygienists

AIHA : American Industrial Hygiene Association

CMRG : Chemical Manufacturer's Recommended Guidelines

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/vapours/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:

Safety Glasses with side shields

### 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

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

|  |  |
|--|--|
| <b>Physical state</b>                                | Liquid   |
| <b>Colour</b>  | Off-White, White   |
| <b>Odour</b>   | Slight Solvent   |
| <b>Odour threshold</b>                               | <i>No Data Available</i>   |
| <b>pH</b>  | 7.3 - 8.5  |
| <b>Melting point/Freezing point</b>                  | <i>No Data Available</i>   |
| <b>Boiling point</b>                                 | 100 °C [ <i>Test Method:Estimated</i> ]                                |
| <b>Flash Point</b>                                   | Flash point > 93 °C (200 °F) [ <i>Test Method:Closed Cup</i> ]         |
| <b>Evaporation rate</b>                              | <i>No Data Available</i>   |
| <b>Flammability (solid, gas)</b>                     | Not Applicable   |
| <b>Flammable Limits(LEL)</b>                         | <i>No Data Available</i>   |
| <b>Flammable Limits(UEL)</b>                         | <i>No Data Available</i>   |
| <b>Vapour Pressure</b>                               | 2,343.8 Pa [ <i>Test Method:Estimated</i> ] [ <i>Details:at 68 F</i> ] |
| <b>Vapour Density and/or Relative Vapour Density</b> | <i>No Data Available</i>   |
| <b>Density</b>                                       | 1.1 - 1.13 g/ml  |
| <b>Relative density</b>                              | 1.12 [ <i>Ref Std:WATER=1</i> ]  |
| <b>Water solubility</b>                              | <i>No Data Available</i>   |
| <b>Solubility- non-water</b>                         | <i>No Data Available</i>   |
| <b>Partition coefficient: n-octanol/ water</b>       | <i>No Data Available</i>   |
| <b>Autoignition temperature</b>                      | <i>No Data Available</i>   |
| <b>Decomposition temperature</b>                     | <i>No Data Available</i>   |
| <b>Viscosity/Kinematic Viscosity</b>                 | 35,000 - 45,000 mPa-s  |

|   |  |
|---|--|
| <b>Volatile Organic Compounds</b>         | 30.6 % weight [ <i>Test Method</i> :calculated per CARB title 2] |
| <b>Volatile Organic Compounds</b>         | 343 g/l [ <i>Test Method</i> :calculated SCAQMD rule 443.1]      |
| <b>Percent volatile</b>                   | 63.4 % weight [ <i>Test Method</i> :Estimated]                   |
| <b>VOC Less H2O &amp; Exempt Solvents</b> | 543 g/l [ <i>Test Method</i> :calculated SCAQMD rule 443.1]      |

**Nanoparticles**

This material does not contain nanoparticles.

**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**

Heat

**10.5. Incompatible materials**

Strong acids

Strong oxidizing agents

**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 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:**

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 localized redness, swelling, itching, and dryness. Allergic Skin Reaction (non-photo induced): Signs/symptoms may include redness, swelling, blistering, and itching.

**Eye Contact:**

Dust created by cutting, grinding, sanding, or machining may cause eye irritation. Signs/symptoms may include redness, swelling, pain, tearing, and blurred or hazy vision.

**Ingestion:**

Gastrointestinal Irritation: Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhea. May cause additional health effects (see below).

**Additional Health Effects:****Single exposure may cause target organ effects:**

Central Nervous System (CNS) Depression: Signs/symptoms may include headache, dizziness, drowsiness, incoordination, nausea, slowed reaction time, slurred speech, giddiness, and unconsciousness.

**Prolonged or repeated exposure may cause target organ effects:**

Central Neuropathy: Signs/symptoms may include irritability, memory impairment, personality changes, sleep disorders, and decreased ability to concentrate.

**Carcinogenicity:**

| Ingredient                                  | CAS No.   | Class Description              | Regulation                                  |
|---|-----------|--------------------------------|---|
| Mineral Oils (Untreated and Mildly Treated) | 8042-47-5 | Known human carcinogen         | National Toxicology Program Carcinogens     |
| Mineral oils, untreated or mildly treated   | 8042-47-5 | Grp. 1: Carcinogenic to humans | 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 >5,000 mg/kg |
| Overall product                         | Inhalation-Vapor(4 hr)         |                        | No data available; calculated ATE >50 mg/l     |
| Overall product                         | Ingestion                      |                        | No data available; calculated ATE >5,000 mg/kg |
| Stoddard Solvent                        | Dermal                         | Rat                    | LD50 > 3,400 mg/kg                             |
| Stoddard Solvent                        | Inhalation-Vapor (4 hours)     | Rat                    | LC50 > 16.2 mg/l                               |
| Stoddard Solvent                        | Ingestion                      | Rat                    | LD50 > 15,000 mg/kg                            |
| Aluminum Oxide (non-fibrous)            | Dermal                         |                        | LD50 estimated to be > 5,000 mg/kg             |
| Aluminum Oxide (non-fibrous)            | Inhalation-Dust/Mist (4 hours) | Rat                    | LC50 > 2.3 mg/l                                |
| Aluminum Oxide (non-fibrous)            | Ingestion                      | Rat                    | LD50 > 5,000 mg/kg                             |
| Polyethylene Glycol Sorbitan Monooleate | Dermal                         | Not available          | LD50 > 5,000 mg/kg                             |
| Polyethylene Glycol Sorbitan Monooleate | Inhalation-Dust/Mist (4 hours) | Rat                    | LC50 > 5.1 mg/l                                |
| Polyethylene Glycol Sorbitan Monooleate | Ingestion                      | Rat                    | LD50 20,000 mg/kg                              |
| White Mineral Oil (Petroleum)           | Dermal                         | Rabbit                 | LD50 > 2,000 mg/kg                             |
| White Mineral Oil (Petroleum)           | Ingestion                      | Rat                    | LD50 > 5,000 mg/kg                             |
| 1,2,4-TRIMETHYLBENZENE                  | Dermal                         | Rabbit                 | LD50 > 3,160 mg/kg                             |
| 1,2,4-TRIMETHYLBENZENE                  | Inhalation-Vapor (4 hours)     | Rat                    | LC50 18 mg/l                                   |
| 1,2,4-TRIMETHYLBENZENE                  | Ingestion                      | Rat                    | LD50 3,400 mg/kg                               |
| Alkyloammonium Salt                     | Ingestion                      | Rat                    | LD50 > 5,385 mg/kg                             |
| Alkyloammonium Salt                     | Dermal                         | similar health hazards | LD50 estimated to be > 5,000 mg/kg             |

ATE = acute toxicity estimate

### Skin Corrosion/Irritation

| Name                                    | Species | Value                     |
|---|---------|---------------------------|
| Stoddard Solvent                        | Rabbit  | Minimal irritation        |
| Aluminum Oxide (non-fibrous)            | Rabbit  | No significant irritation |
| Polyethylene Glycol Sorbitan Monooleate | Rabbit  | No significant irritation |
| White Mineral Oil (Petroleum)           | Rabbit  | No significant irritation |
| 1,2,4-TRIMETHYLBENZENE                  | Rabbit  | Irritant                  |
| Alkyloammonium Salt                     | Rabbit  | No significant irritation |

### Serious Eye Damage/Irritation

| Name                                    | Species | Value                     |
|---|---------|---------------------------|
| Stoddard Solvent                        | Rabbit  | No significant irritation |
| Aluminum Oxide (non-fibrous)            | Rabbit  | No significant irritation |
| Polyethylene Glycol Sorbitan Monooleate | Rabbit  | No significant irritation |
| White Mineral Oil (Petroleum)           | Rabbit  | Mild irritant             |
| 1,2,4-TRIMETHYLBENZENE                  | Rabbit  | Mild irritant             |
| Alkyloammonium Salt                     | Rabbit  | No significant irritation |

### Skin Sensitization

| Name                                    | Species    | Value          |
|---|------------|----------------|
| Stoddard Solvent                        | Guinea pig | Not classified |
| Polyethylene Glycol Sorbitan Monooleate | Guinea pig | Not classified |
| White Mineral Oil (Petroleum)           | Guinea pig | Not classified |
| 1,2,4-TRIMETHYLBENZENE                  | Guinea pig | Not classified |
| Alkyloammonium Salt                     | Mouse      | Sensitizing    |

### 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         |
|---|----------|---------------|
| Aluminum Oxide (non-fibrous)            | In Vitro | Not mutagenic |
| Polyethylene Glycol Sorbitan Monooleate | In Vitro | Not mutagenic |
| White Mineral Oil (Petroleum)           | In Vitro | Not mutagenic |
| 1,2,4-TRIMETHYLBENZENE                  | In Vitro | Not mutagenic |
| Alkyloammonium Salt                     | In Vitro | Not mutagenic |

### Carcinogenicity

| Name                                    | Route      | Species                 | Value  |
|---|------------|-------------------------|--|
| Aluminum Oxide (non-fibrous)            | Inhalation | Rat                     | Not carcinogenic   |
| Polyethylene Glycol Sorbitan Monooleate | Ingestion  | Rat                     | Some positive data exist, but the data are not sufficient for classification |
| White Mineral Oil (Petroleum)           | Dermal     | Mouse                   | Not carcinogenic   |
| White Mineral Oil (Petroleum)           | Inhalation | Multiple animal species | Not carcinogenic   |

### Reproductive Toxicity

#### Reproductive and/or Developmental Effects

| Name                                    | Route     | Value                                  | Species | Test result | Exposure Duration |
|---|-----------|--|---------|-------------|-------------------|
| Polyethylene Glycol Sorbitan Monooleate | Ingestion | Not classified for female reproduction | Rat     | NOAEL 6,666 | 3 generation      |



|   |            |  |     | mg/kg/day             |                          |
|---|------------|--|-----|-----------------------|--------------------------|
| Polyethylene Glycol Sorbitan Monooleate | Ingestion  | Not classified for male reproduction   | Rat | NOAEL 6,666 mg/kg/day | 3 generation             |
| Polyethylene Glycol Sorbitan Monooleate | Ingestion  | Not classified for development         | Rat | NOAEL 5,000 mg/kg/day | during organogenesis     |
| White Mineral Oil (Petroleum)           | Ingestion  | Not classified for female reproduction | Rat | NOAEL 4,350 mg/kg/day | 13 weeks                 |
| White Mineral Oil (Petroleum)           | Ingestion  | Not classified for male reproduction   | Rat | NOAEL 4,350 mg/kg/day | 13 weeks                 |
| White Mineral Oil (Petroleum)           | Ingestion  | Not classified for development         | Rat | NOAEL 4,350 mg/kg/day | during gestation         |
| 1,2,4-TRIMETHYLBENZENE                  | Inhalation | Not classified for female reproduction | Rat | NOAEL 1.2 mg/l        | 3 months                 |
| 1,2,4-TRIMETHYLBENZENE                  | Inhalation | Not classified for male reproduction   | Rat | NOAEL 1.2 mg/l        | 3 months                 |
| 1,2,4-TRIMETHYLBENZENE                  | Inhalation | Not classified for development         | Rat | NOAEL 1.5 mg/l        | during gestation         |
| Alkyloammonium Salt                     | Ingestion  | Not classified for female reproduction | Rat | NOAEL 1,000 mg/kg/day | premating into lactation |
| Alkyloammonium Salt                     | Ingestion  | Not classified for male reproduction   | Rat | NOAEL 1,000 mg/kg/day | 28 days                  |
| Alkyloammonium Salt                     | Ingestion  | Not classified for development         | Rat | NOAEL 1,000 mg/kg/day | gestation into lactation |

**Target Organ(s)**

**Specific Target Organ Toxicity - single exposure**

| Name                   | Route      | Target Organ(s)                   | Value                             | Species                 | Test result         | Exposure Duration |
|------------------------|------------|-----------------------------------|-----------------------------------|-------------------------|---------------------|-------------------|
| Stoddard Solvent       | Inhalation | central nervous system depression | May cause drowsiness or dizziness | similar compounds       | NOAEL not available |                   |
| Stoddard Solvent       | Ingestion  | central nervous system depression | May cause drowsiness or dizziness | similar compounds       | NOAEL not available |                   |
| 1,2,4-TRIMETHYLBENZENE | Inhalation | central nervous system depression | May cause drowsiness or dizziness | Human and animal        | NOAEL Not available |                   |
| 1,2,4-TRIMETHYLBENZENE | Inhalation | respiratory irritation            | May cause respiratory irritation  | official classification | NOAEL Not available |                   |
| 1,2,4-TRIMETHYLBENZENE | Ingestion  | central nervous system depression | May cause drowsiness or dizziness | Professional judgement  | NOAEL Not available |                   |

**Specific Target Organ Toxicity - repeated exposure**

| Name                                    | Route      | Target Organ(s)   | Value  | Species | Test result           | Exposure Duration     |
|---|------------|---|--|---------|-----------------------|-----------------------|
| Stoddard Solvent                        | Inhalation | central nervous system  | Causes damage to organs through prolonged or repeated exposure               | Human   | NOAEL not available   | occupational exposure |
| Aluminum Oxide (non-fibrous)            | Inhalation | pneumoconiosis  | Some positive data exist, but the data are not sufficient for classification | Human   | NOAEL Not available   | occupational exposure |
| Aluminum Oxide (non-fibrous)            | Inhalation | pulmonary fibrosis  | Not classified   | Human   | NOAEL Not available   | occupational exposure |
| Polyethylene Glycol Sorbitan Monooleate | Ingestion  | heart   endocrine system   gastrointestinal tract   bone, teeth, nails, and/or hair   hematopoietic system   liver   immune system   nervous system | Not classified   | Rat     | NOAEL 4,132 mg/kg/day | 90 days               |

|                               |            |   |  |       |                       |                       |
|-------------------------------|------------|---|--|-------|-----------------------|-----------------------|
|                               |            | kidney and/or bladder   respiratory system  |  |       |                       |                       |
| White Mineral Oil (Petroleum) | Ingestion  | hematopoietic system  | Not classified   | Rat   | NOAEL 1,381 mg/kg/day | 90 days               |
| White Mineral Oil (Petroleum) | Ingestion  | liver   immune system   | Not classified   | Rat   | NOAEL 1,336 mg/kg/day | 90 days               |
| 1,2,4-TRIMETHYLBENZENE        | Inhalation | hematopoietic system  | Some positive data exist, but the data are not sufficient for classification | Rat   | NOAEL 0.5 mg/l        | 3 months              |
| 1,2,4-TRIMETHYLBENZENE        | Inhalation | nervous system  | Some positive data exist, but the data are not sufficient for classification | Rat   | LOAEL 0.1 mg/l        | 3 months              |
| 1,2,4-TRIMETHYLBENZENE        | Inhalation | respiratory system  | Some positive data exist, but the data are not sufficient for classification | Human | NOAEL Not available   | occupational exposure |
| 1,2,4-TRIMETHYLBENZENE        | Inhalation | liver   kidney and/or bladder   heart   endocrine system   gastrointestinal tract   immune system   | Not classified   | Rat   | NOAEL 1.2 mg/l        | 3 months              |
| 1,2,4-TRIMETHYLBENZENE        | Ingestion  | hematopoietic system  | Not classified   | Rat   | NOAEL 600 mg/kg/day   | 14 days               |
| 1,2,4-TRIMETHYLBENZENE        | Ingestion  | liver   immune system   kidney and/or bladder   | Not classified   | Rat   | NOAEL 1,000 mg/kg/day | 28 days               |
| Alkyloammonium Salt           | Ingestion  | hematopoietic system   heart   endocrine system   gastrointestinal tract   bone, teeth, nails, and/or hair   liver   immune system   muscles   nervous system   eyes   kidney and/or bladder   respiratory system | Not classified   | Rat   | NOAEL 1,000 mg/kg/day | 35 days               |

### Aspiration Hazard

| Name                          | Value             |
|-------------------------------|-------------------|
| Stoddard Solvent              | Aspiration hazard |
| White Mineral Oil (Petroleum) | Aspiration hazard |
| 1,2,4-TRIMETHYLBENZENE        | 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.

## SECTION 12: Ecological information

No data available.

## SECTION 13: Disposal considerations

### 13.1. Disposal methods

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

Dispose of waste product in a permitted industrial waste facility. As a disposal alternative, incinerate in a permitted waste incineration facility. Proper destruction may require the use of additional fuel during incineration processes. 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.

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

#### **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 Japan Chemical Substance Control Law. 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.

## **SECTION 16: Other information**

**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.**

**Health: 2 Flammability: 1 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.

|                        |            |                         |            |
|------------------------|------------|-------------------------|------------|
| <b>Document group:</b> | 31-0130-0  | <b>Version number:</b>  | 5.00       |
| <b>Issue Date:</b>     | 2021/11/10 | <b>Supersedes Date:</b> | 2020/10/22 |

The information in this Safety Data Sheet (SDS) is believed to be correct as of the date issued. The manufacturer MAKES NO WARRANTIES, EXPRESS OR IMPLIED, STATUTORY OR OTHERWISE, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OR CONDITION OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY IMPLIED WARRANTY OR CONDITION ARISING OUT OF A COURSE OF PERFORMANCE, COURSE OF DEALING, CUSTOM OR USAGE OF TRADE. User is responsible for determining whether the product is fit for a particular purpose and suitable for user's method of use or application. Given the variety of factors that can affect the use and application of a product, some of which are uniquely within the user's knowledge and control, it is essential that the user evaluate the product to determine whether it is fit for a particular purpose and suitable for user's method of use or application.

**3M Canada SDSs are available at [www.3M.ca](http://www.3M.ca)**