



## Safety Data Sheet

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**Document Group:** 41-1325-4  
**Issue Date:** 09/18/24

**Version Number:** 4.00  
**Supersedes Date:** 09/10/24

### SECTION 1: Identification

#### 1.1. Product identifier

52057 Finesse-It Polish 320

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

##### Recommended use

Abrasive Product, Liquid abrasive for paint correction

#### 1.3. Supplier's details

**MANUFACTURER:** 3M  
**DIVISION:** 3M Turkey  
Abrasive Systems 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

Skin Sensitizer: Category 1A.

#### 2.2. Label elements

##### Signal word

Warning

##### Symbols

Exclamation mark |

##### Pictograms



##### Hazard Statements

May cause an allergic skin reaction.

### Precautionary Statements

#### Prevention:

Avoid breathing dust/fume/gas/mist/vapors/spray.

Wear protective gloves.

Contaminated work clothing must not be allowed out of the workplace.

#### Response:

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.

#### Disposal:

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

1% of the mixture consists of ingredients of unknown acute oral toxicity.

6% of the mixture consists of ingredients of unknown acute inhalation toxicity.

## SECTION 3: Composition/information on ingredients

| Ingredient                                     | C.A.S. No.    | % by Wt                  |
|------------------------------------------------|---------------|--------------------------|
| Water                                          | 7732-18-5     | 30 - 60 Trade Secret *   |
| Aluminum Oxide                                 | 1344-28-1     | 10 - 30 Trade Secret *   |
| Hydrotreated Light Petroleum Distillates       | 64742-47-8    | 10 - 15 Trade Secret *   |
| Solvent Refined Hydrotreated Middle Distillate | 64742-46-7    | 3 - 7 Trade Secret *     |
| White Mineral Oil (Petroleum)                  | 8042-47-5     | 3 - 7 Trade Secret *     |
| Glycerin                                       | 56-81-5       | < 5 Trade Secret *       |
| PEG Monooleate                                 | 9004-96-0     | < 3 Trade Secret *       |
| Polyalkylene Oleate                            | Trade Secret* | < 3 Trade Secret *       |
| Esters Mixture                                 | Mixture       | 0.5 - 1.5 Trade Secret * |
| Maleic Anhydride                               | 108-31-6      | <= 0.001 Trade Secret *  |

\*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:

If exposed, flush eyes with large amounts of water. Remove contact lenses if easy to do. Continue rinsing. If signs/symptoms develop, 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**

Allergic skin reaction (redness, swelling, blistering, and itching).

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

Not applicable.

**SECTION 5: Fire-fighting measures****5.1. Suitable extinguishing media**

Use a fire fighting agent suitable for the surrounding fire.

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

None inherent in this product.

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

No special protective actions for fire-fighters are anticipated.

**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 vapors, 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.

**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**

Avoid breathing of dust created by sanding, grinding or machining. 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. Contaminated work clothing should not be allowed out of the workplace. Avoid release to the environment. Wash contaminated clothing before reuse.

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

No special storage requirements.

**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                                           |
|---------------------------------------------------------------------------------------|------------|--------|--------------------------------------------------------------|---------------------------------------------------------------|
| Maleic Anhydride                                                                      | 108-31-6   | ACGIH  | TWA(inhalable fraction and vapor):0.01 mg/m3                 | A4: Not class. as human carcin, Dermal/Respiratory Sensitizer |
| Maleic Anhydride                                                                      | 108-31-6   | OSHA   | TWA:1 mg/m3(0.25 ppm)                                        |                                                               |
| Aluminum Oxide                                                                        | 1344-28-1  | OSHA   | TWA(as total dust):15 mg/m3;TWA(respirable fraction):5 mg/m3 |                                                               |
| Aluminum, insoluble compounds                                                         | 1344-28-1  | ACGIH  | TWA(respirable fraction):1 mg/m3                             | A4: Not class. as human carcin                                |
| Particles (insoluble or poorly soluble) not otherwise specified, inhalable particles  | 1344-28-1  | ACGIH  | TWA(inhalable particulates):10 mg/m3                         |                                                               |
| Particles (insoluble or poorly soluble) not otherwise specified, respirable particles | 1344-28-1  | ACGIH  | TWA(respirable particles):3 mg/m3                            |                                                               |
| Glycerin                                                                              | 56-81-5    | OSHA   | TWA(as total dust):15 mg/m3;TWA(respirable fraction):5 mg/m3 |                                                               |
| Paraffin oil                                                                          | 64742-46-7 | OSHA   | TWA(as mist):5 mg/m3                                         |                                                               |
| MINERAL OILS, HIGHLY-REFINED OILS                                                     | 8042-47-5  | ACGIH  | TWA(inhalable fraction):5 mg/m3                              | A4: Not class. as human carcin                                |
| Paraffin oil                                                                          | 8042-47-5  | OSHA   | TWA(as mist):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:

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.

Gloves made from the following material(s) are recommended: Butyl Rubber  
Neoprene

## Nitrile Rubber

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 – Butyl rubber

Apron - Neoprene

Apron – Nitrile

## 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

Blue

#### Specific Physical Form:

Emulsion

#### Odor

Low Solvent

#### Odor threshold

No Data Available

#### pH

8.2 - 9

#### Melting point

No Data Available

#### Boiling Point

95 - 105 °C

#### Flash Point

No flash point

#### Evaporation rate

No Data Available

#### Flammability (solid, gas)

Not Applicable

#### Flammable Limits(LEL)

No Data Available

#### Flammable Limits(UEL)

No Data Available

#### Vapor Pressure

No Data Available

#### Vapor Density

No Data Available

#### Density

1.08 - 1.16 kg/l

#### Specific Gravity

[Ref Std: WATER=1] No Data Available

#### Solubility in Water

No Data Available

#### Solubility- non-water

No Data Available

#### Partition coefficient: n-octanol/ water

No Data Available

#### Autoignition temperature

No Data Available

#### Decomposition temperature

No Data Available

#### Viscosity

30,000 - 50,000 centipoise

#### Hazardous Air Pollutants

0.0003 lb HAPS/lb solids [Test Method: Calculated]

#### Hazardous Air Pollutants

0.0009 lb HAPS/gal [Test Method: Calculated]

#### Hazardous Air Pollutants

0.01 % weight [Test Method: Calculated]

#### Molecular weight

Not Applicable

#### Volatile Organic Compounds

19 % weight

#### Percent volatile

69.4 % weight

#### VOC Less H<sub>2</sub>O & Exempt Solvents

489.9 g/l

#### Flash Point as text

No flash point

## 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**

Not determined

**10.5. Incompatible materials**

None known.

**10.6. Hazardous decomposition products****Substance****Condition**

Hydrocarbons

At Elevated Temperatures

Carbon monoxide

At Elevated Temperatures

Carbon dioxide

At Elevated Temperatures

Oxides of Nitrogen

At Elevated Temperatures

**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.

**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:**

Contact with the eyes during product use is not expected to result in significant irritation.

**Ingestion:**

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

**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                                | Inhalation-Vapor(4 hr)         |                   | No data available; calculated ATE >50 mg/l     |
| Overall product                                | Ingestion                      |                   | No data available; calculated ATE >5,000 mg/kg |
| Aluminum Oxide                                 | Dermal                         |                   | LD50 estimated to be > 5,000 mg/kg             |
| Aluminum Oxide                                 | Inhalation-Dust/Mist (4 hours) | Rat               | LC50 > 2.3 mg/l                                |
| Aluminum Oxide                                 | Ingestion                      | Rat               | LD50 > 5,000 mg/kg                             |
| Hydrotreated Light Petroleum Distillates       | Ingestion                      | Rat               | LD50 > 15,000 mg/kg                            |
| Hydrotreated Light Petroleum Distillates       | Dermal                         | similar compounds | LD50 > 5,000 mg/kg                             |
| Solvent Refined Hydrotreated Middle Distillate | Dermal                         | Rabbit            | LD50 > 2,000 mg/kg                             |
| White Mineral Oil (Petroleum)                  | Dermal                         | Rabbit            | LD50 > 2,000 mg/kg                             |
| Solvent Refined Hydrotreated Middle Distillate | Inhalation-Dust/Mist (4 hours) | Rat               | LC50 > 5.3 mg/l                                |
| Solvent Refined Hydrotreated Middle Distillate | Ingestion                      | Rat               | LD50 > 5,000 mg/kg                             |
| White Mineral Oil (Petroleum)                  | Ingestion                      | Rat               | LD50 > 5,000 mg/kg                             |
| Glycerin                                       | Dermal                         | Rabbit            | LD50 estimated to be > 5,000 mg/kg             |
| Glycerin                                       | Ingestion                      | Rat               | LD50 > 5,000 mg/kg                             |
| Polyalkylene Oleate                            | Dermal                         | Not available     | LD50 > 5,000 mg/kg                             |
| PEG Monooleate                                 | Dermal                         | Rabbit            | LD50 > 9,800 mg/kg                             |
| PEG Monooleate                                 | Ingestion                      | Rat               | LD50 > 2,000 mg/kg                             |
| Polyalkylene Oleate                            | Inhalation-Dust/Mist (4 hours) | Rat               | LC50 > 5.1 mg/l                                |
| Polyalkylene Oleate                            | Ingestion                      | Rat               | LD50 20,000 mg/kg                              |
| Maleic Anhydride                               | Dermal                         | Rabbit            | LD50 2,620 mg/kg                               |
| Maleic Anhydride                               | Ingestion                      | Rat               | LD50 1,030 mg/kg                               |

ATE = acute toxicity estimate

**Skin Corrosion/Irritation**

| Name                                           | Species           | Value                     |
|------------------------------------------------|-------------------|---------------------------|
| Aluminum Oxide                                 | Rabbit            | No significant irritation |
| Hydrotreated Light Petroleum Distillates       | similar compounds | Mild irritant             |
| Solvent Refined Hydrotreated Middle Distillate | Rabbit            | No significant irritation |
| White Mineral Oil (Petroleum)                  | Rabbit            | No significant irritation |
| Glycerin                                       | Rabbit            | No significant irritation |
| PEG Monooleate                                 | Rabbit            | Mild irritant             |
| Polyalkylene Oleate                            | Rabbit            | No significant irritation |
| Maleic Anhydride                               | Human and animal  | Corrosive                 |

**Serious Eye Damage/Irritation**

| Name                                           | Species           | Value                     |
|------------------------------------------------|-------------------|---------------------------|
| Aluminum Oxide                                 | Rabbit            | No significant irritation |
| Hydrotreated Light Petroleum Distillates       | similar compounds | No significant irritation |
| Solvent Refined Hydrotreated Middle Distillate | Rabbit            | Mild irritant             |
| White Mineral Oil (Petroleum)                  | Rabbit            | Mild irritant             |
| Glycerin                                       | Rabbit            | No significant irritation |
| PEG Monooleate                                 | Rabbit            | Moderate irritant         |
| Polyalkylene Oleate                            | Rabbit            | No significant irritation |

|                  |        |           |
|------------------|--------|-----------|
| Maleic Anhydride | Rabbit | Corrosive |
|------------------|--------|-----------|

**Skin Sensitization**

| Name                                           | Species                 | Value          |
|------------------------------------------------|-------------------------|----------------|
| Hydrotreated Light Petroleum Distillates       | similar compounds       | Not classified |
| Solvent Refined Hydrotreated Middle Distillate | Guinea pig              | Not classified |
| White Mineral Oil (Petroleum)                  | Guinea pig              | Not classified |
| Glycerin                                       | Guinea pig              | Not classified |
| Polyalkylene Oleate                            | Guinea pig              | Not classified |
| Maleic Anhydride                               | Multiple animal species | Sensitizing    |

**Respiratory Sensitization**

| Name             | Species | Value       |
|------------------|---------|-------------|
| Maleic Anhydride | Human   | Sensitizing |

**Germ Cell Mutagenicity**

| Name                                           | Route    | Value                                                                        |
|------------------------------------------------|----------|------------------------------------------------------------------------------|
| Aluminum Oxide                                 | In Vitro | Not mutagenic                                                                |
| Hydrotreated Light Petroleum Distillates       | In Vitro | Not mutagenic                                                                |
| Solvent Refined Hydrotreated Middle Distillate | In Vitro | Not mutagenic                                                                |
| Solvent Refined Hydrotreated Middle Distillate | In vivo  | Not mutagenic                                                                |
| White Mineral Oil (Petroleum)                  | In Vitro | Not mutagenic                                                                |
| Polyalkylene Oleate                            | In Vitro | Not mutagenic                                                                |
| Maleic Anhydride                               | In vivo  | Not mutagenic                                                                |
| Maleic Anhydride                               | In Vitro | Some positive data exist, but the data are not sufficient for classification |

**Carcinogenicity**

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

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

| Name                                           | Route         | Value                                  | Species | Test Result           | Exposure Duration        |
|------------------------------------------------|---------------|----------------------------------------|---------|-----------------------|--------------------------|
| Solvent Refined Hydrotreated Middle Distillate | Not Specified | Not classified for female reproduction | Rat     | NOAEL Not available   | gestation into lactation |
| Solvent Refined Hydrotreated Middle Distillate | Not Specified | Not classified for male reproduction   | Rat     | NOAEL Not available   | 28 days                  |
| Solvent Refined Hydrotreated Middle Distillate | Not Specified | Not classified for development         | Rat     | NOAEL Not available   | during gestation         |
| 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           | 13 weeks                 |



|                               |           |                                        |     |                       |                      |
|-------------------------------|-----------|----------------------------------------|-----|-----------------------|----------------------|
|                               |           |                                        |     | mg/kg/day             |                      |
| White Mineral Oil (Petroleum) | Ingestion | Not classified for development         | Rat | NOAEL 4,350 mg/kg/day | during gestation     |
| Glycerin                      | Ingestion | Not classified for female reproduction | Rat | NOAEL 2,000 mg/kg/day | 2 generation         |
| Glycerin                      | Ingestion | Not classified for male reproduction   | Rat | NOAEL 2,000 mg/kg/day | 2 generation         |
| Glycerin                      | Ingestion | Not classified for development         | Rat | NOAEL 2,000 mg/kg/day | 2 generation         |
| Polyalkylene Oleate           | Ingestion | Not classified for female reproduction | Rat | NOAEL 6,666 mg/kg/day | 3 generation         |
| Polyalkylene Oleate           | Ingestion | Not classified for male reproduction   | Rat | NOAEL 6,666 mg/kg/day | 3 generation         |
| Polyalkylene Oleate           | Ingestion | Not classified for development         | Rat | NOAEL 5,000 mg/kg/day | during organogenesis |
| Maleic Anhydride              | Ingestion | Not classified for female reproduction | Rat | NOAEL 55 mg/kg/day    | 2 generation         |
| Maleic Anhydride              | Ingestion | Not classified for male reproduction   | Rat | NOAEL 55 mg/kg/day    | 2 generation         |
| Maleic Anhydride              | Ingestion | Not classified for development         | Rat | NOAEL 140 mg/kg/day   | during organogenesis |

### Target Organ(s)

#### Specific Target Organ Toxicity - single exposure

| Name                                     | Route      | Target Organ(s)        | Value                                                                        | Species                | Test Result         | Exposure Duration |
|------------------------------------------|------------|------------------------|------------------------------------------------------------------------------|------------------------|---------------------|-------------------|
| Hydrotreated Light Petroleum Distillates | Inhalation | respiratory irritation | Some positive data exist, but the data are not sufficient for classification | similar health hazards | NOAEL Not available |                   |
| Maleic Anhydride                         | Inhalation | respiratory irritation | May cause respiratory irritation                                             | Human                  | NOAEL Not available |                   |

#### Specific Target Organ Toxicity - repeated exposure

| Name                                     | Route      | Target Organ(s)                             | Value                                                                        | Species | Test Result           | Exposure Duration     |
|------------------------------------------|------------|---------------------------------------------|------------------------------------------------------------------------------|---------|-----------------------|-----------------------|
| Aluminum Oxide                           | Inhalation | pneumoconiosis                              | Some positive data exist, but the data are not sufficient for classification | Human   | NOAEL Not available   | occupational exposure |
| Aluminum Oxide                           | Inhalation | pulmonary fibrosis                          | Not classified                                                               | Human   | NOAEL Not available   | occupational exposure |
| Hydrotreated Light Petroleum Distillates | Inhalation | liver                                       | Not classified                                                               | Rat     | NOAEL 6 mg/l          | 13 weeks              |
| Hydrotreated Light Petroleum Distillates | Inhalation | kidney and/or bladder                       | Not classified                                                               | Rat     | LOAEL 1.5 mg/l        | 13 weeks              |
| Hydrotreated Light Petroleum Distillates | Inhalation | hematopoietic system                        | Not classified                                                               | Rat     | NOAEL 6 mg/l          | 13 weeks              |
| Hydrotreated Light Petroleum Distillates | Ingestion  | liver                                       | Not classified                                                               | Rat     | NOAEL 1,000 mg/kg/day | 13 weeks              |
| Hydrotreated Light Petroleum Distillates | Ingestion  | kidney and/or bladder                       | Not classified                                                               | Rat     | LOAEL 100 mg/kg/day   | 13 weeks              |
| Hydrotreated Light Petroleum Distillates | Ingestion  | hematopoietic system   eyes                 | Not classified                                                               | Rat     | NOAEL 1,000 mg/kg/day | 13 weeks              |
| 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               |
| Glycerin                                 | Inhalation | respiratory system   heart   liver   kidney | Not classified                                                               | Rat     | NOAEL 3.91 mg/l       | 14 days               |

|                     |            |                                                                                                                                                                                                  |                                                                              |     |                        |          |
|---------------------|------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------|-----|------------------------|----------|
|                     |            | and/or bladder                                                                                                                                                                                   |                                                                              |     |                        |          |
| Glycerin            | Ingestion  | endocrine system   hematopoietic system   liver   kidney and/or bladder                                                                                                                          | Not classified                                                               | Rat | NOAEL 10,000 mg/kg/day | 2 years  |
| Polyalkylene Oleate | Ingestion  | heart   endocrine system   gastrointestinal tract   bone, teeth, nails, and/or hair   hematopoietic system   liver   immune system   nervous system   kidney and/or bladder   respiratory system | Not classified                                                               | Rat | NOAEL 4,132 mg/kg/day  | 90 days  |
| Maleic Anhydride    | Inhalation | respiratory system                                                                                                                                                                               | Causes damage to organs through prolonged or repeated exposure               | Rat | LOAEL 0.0011 mg/l      | 6 months |
| Maleic Anhydride    | Inhalation | endocrine system   hematopoietic system   nervous system   kidney and/or bladder   heart   liver   eyes                                                                                          | Not classified                                                               | Rat | NOAEL 0.0098 mg/l      | 6 months |
| Maleic Anhydride    | Ingestion  | kidney and/or bladder                                                                                                                                                                            | Some positive data exist, but the data are not sufficient for classification | Rat | NOAEL 55 mg/kg/day     | 80 days  |
| Maleic Anhydride    | Ingestion  | liver                                                                                                                                                                                            | Some positive data exist, but the data are not sufficient for classification | Rat | LOAEL 250 mg/kg/day    | 183 days |
| Maleic Anhydride    | Ingestion  | heart   nervous system                                                                                                                                                                           | Not classified                                                               | Rat | NOAEL 600 mg/kg/day    | 183 days |
| Maleic Anhydride    | Ingestion  | gastrointestinal tract                                                                                                                                                                           | Not classified                                                               | Rat | NOAEL 150 mg/kg/day    | 80 days  |
| Maleic Anhydride    | Ingestion  | hematopoietic system                                                                                                                                                                             | Not classified                                                               | Dog | NOAEL 60 mg/kg/day     | 90 days  |
| Maleic Anhydride    | Ingestion  | skin   endocrine system   immune system   eyes   respiratory system                                                                                                                              | Not classified                                                               | Rat | NOAEL 150 mg/kg/day    | 80 days  |

### Aspiration Hazard

| Name                                           | Value             |
|------------------------------------------------|-------------------|
| Hydrotreated Light Petroleum Distillates       | Aspiration hazard |
| Solvent Refined Hydrotreated Middle Distillate | Aspiration hazard |
| White Mineral Oil (Petroleum)                  | 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

### 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.

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. US Federal Regulations

Contact 3M for more information.

#### EPCRA 311/312 Hazard Classifications:

##### Physical Hazards

Not applicable

##### Health Hazards

Respiratory or Skin Sensitization

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

| <u>Ingredient</u>                                    | <u>C.A.S. No</u> | <u>% by Wt</u>       |
|------------------------------------------------------|------------------|----------------------|
| Aluminum Oxide                                       | 1344-28-1        | Trade Secret 10 - 30 |
| Aluminum Oxide (ALUMINUM OXIDE (FIBROUS FORMS ONLY)) | 1344-28-1        | Trade Secret 10 - 30 |

### 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:** 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.

**Document Group:** 41-1325-4**Version Number:** 4.00**Issue Date:** 09/18/24**Supersedes Date:** 09/10/24

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