



## Safety Data Sheet

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|------------------------|-----------|-------------------------|----------|
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### SECTION 1: Identification

#### 1.1. Product identifier

3M™ Paint Buster Hand Cleaner, PN 05604, 05975

#### Product Identification Numbers

60-4550-4948-0, 60-4550-5501-6  
7000000541, 7100136616

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

##### Recommended use

Hand Cleaner

#### 1.3. Supplier's details

|                      |   |
|----------------------|---|
| <b>MANUFACTURER:</b> | 3M                                      |
| <b>DIVISION:</b>     | Automotive Aftermarket                  |
| <b>ADDRESS:</b>      | 3M Center, St. Paul, MN 55144-1000, USA |
| <b>Telephone:</b>    | 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

The label elements below were prepared in accordance with OSHA Hazard Communication Standard, 29 CFR 1910.1200. This information may be different from the actual product label information for labels regulated by other agencies.

#### 2.1. Hazard classification

Serious Eye Damage/Irritation: Category 2A.

Skin Sensitizer: Category 1.

Carcinogenicity: Category 1A.

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

#### 2.2. Label elements

##### Signal word

Danger



**Symbols**

Exclamation mark | Health Hazard |

**Pictograms****Hazard Statements**

Causes serious eye irritation.

May cause an allergic skin reaction.

May cause cancer by inhalation.

Causes damage to organs through prolonged or repeated exposure:  
respiratory system |**Precautionary Statements****General:**

Keep out of reach of children.

**Prevention:**

Obtain special instructions before use.

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

Do not breathe dust/fume/gas/mist/vapors/spray.

Wear eye/face protection.

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

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

If eye irritation persists: Get medical advice/attention.

If skin irritation or rash occurs: Get medical advice/attention.

Wash contaminated clothing before reuse.

Get medical advice/attention if you feel unwell.

**Disposal:**

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

11% of the mixture consists of ingredients of unknown acute oral toxicity.

11% of the mixture consists of ingredients of unknown acute dermal toxicity.

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

| <b>Ingredient</b>   | <b>C.A.S. No.</b> | <b>% by Wt</b>         |
|---------------------|-------------------|------------------------|
| Dimethyl Adipate    | 627-93-0          | 40 - 70 Trade Secret * |
| Polyethylene Glycol | 25322-68-3        | 7 - 13 Trade Secret *  |
| Dimethyl Glutarate  | 1119-40-0         | 1 - 10 Trade Secret *  |
| Bentonite           | 1302-78-9         | < 7 Trade Secret *     |
| Cellulose           | 9004-34-6         | 3 - 7 Trade Secret *   |
| Stearic Acid        | 57-11-4           | 3 - 7 Trade Secret *   |
| Talc                | 14807-96-6        | 3 - 7 Trade Secret *   |
| Lanolin             | 8006-54-0         | 1 - 5 Trade Secret *   |



|   |             |                          |
|---|-------------|--------------------------|
| Petrolatum  | 8009-03-8   | 1 - 5 Trade Secret *     |
| Synthetic Amorphous Silica, Fumed, Crystalline Free | 112945-52-5 | 1 - 5 Trade Secret *     |
| Triethanolamine                                     | 102-71-6    | 1 - 5 Trade Secret *     |
| d-Limonene  | 5989-27-5   | 0.5 - 1.5 Trade Secret * |
| Sodium di(2-ethylhexyl) sulfosuccinate              | 577-11-7    | 0.5 - 1.5 Trade Secret * |
| Quartz Silica                                       | 14808-60-7  | < 0.5 Trade Secret *     |
| Cristobalite  | 14464-46-1  | < 0.15 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:

Immediately flush with large amounts of water. Remove contact lenses if easy to do. Continue rinsing. 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

See Section 11.1. Information on toxicological effects.

### 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

Aldehydes  
Carbon monoxide  
Carbon dioxide  
Oxides of Nitrogen

#### Condition

During Combustion  
During Combustion  
During Combustion  
During Combustion

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

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. 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. 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 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

Keep out of reach of children. Do not handle until all safety precautions have been read and understood. Do not breathe 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. 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

Keep from freezing. 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            |
|--|-------------|--------|--|--------------------------------|
| Triethanolamine                                      | 102-71-6    | ACGIH  | TWA:5 mg/m3  |                                |
| SILICA, AMORPHOUS                                    | 112945-52-5 | OSHA   | TWA concentration:0.8 mg/m3;TWA:20 millions of particles/cu. ft. |                                |
| CONTINUOUS FILAMENT GLASS FIBERS                     | 14464-46-1  | ACGIH  | TWA(as fiber):1 fiber/cc   | A4: Not class. as human carcin |
| CONTINUOUS FILAMENT GLASS FIBERS, INHALABLE FRACTION | 14464-46-1  | ACGIH  | TWA(inhalable fraction):5 mg/m3                                  | A4: Not class. as human carcin |
| Cristobalite   | 14464-46-1  | ACGIH  | TWA(respirable fraction):0.025 mg/m3                             | A2: Suspected human carcin.    |
| Cristobalite   | 14464-46-1  | OSHA   | TWA concentration(respirable):0.05 mg/m3(1.2 millions of         |                                |



|   |            |       |   |   |
|---|------------|-------|---|---|
|   |            |       | particles/cu. ft.);TWA:0.05 mg/m3   |   |
| DUST, INERT OR NUISANCE                     | 14807-96-6 | OSHA  | TWA(as total dust):15 mg/m3;TWA(as total dust):50 millions of particles/cu. ft.(15 mg/m3);TWA(respirable fraction):15 millions of particles/cu. ft.(5 mg/m3);TWA(respirable fraction):5 mg/m3 |   |
| Talc  | 14807-96-6 | ACGIH | TWA(respirable fraction):2 mg/m3  | A4: Not class. as human carcin                              |
| Talc  | 14807-96-6 | OSHA  | TWA:2 mg/m3   |   |
| Quartz Silica                               | 14808-60-7 | ACGIH | TWA(respirable fraction):0.025 mg/m3  | A2: Suspected human carcin.                                 |
| Quartz Silica                               | 14808-60-7 | OSHA  | TWA Table Z-1(respirable):0.05 mg/m3;TWA Table Z-3(respirable):0.1 mg/m3  |   |
| Polyethylene Glycol                         | 25322-68-3 | AIHA  | TWA(as particulate):10 mg/m3  |   |
| STEARATES                                   | 57-11-4    | ACGIH | TWA(inhalable fraction):10 mg/m3;TWA(respirable fraction):3 mg/m3   | A4: Not class. as human carcin                              |
| Cyclohexene, 1-methyl-4-(1-methylethenyl)-  | 5989-27-5  | AIHA  | TWA:165.5 mg/m3(30 ppm)   |   |
| Mineral oils (untreated and mildly treated) | 8009-03-8  | ACGIH | Limit value not established:  | A2: Suspected human carcin., Cntrl all exposr-low as possib |
| MINERAL OILS, HIGHLY-REFINED OILS           | 8009-03-8  | ACGIH | TWA(inhalable fraction):5 mg/m3   | A4: Not class. as human carcin                              |
| Paraffin oil                                | 8009-03-8  | OSHA  | TWA(as mist):5 mg/m3  |   |
| Cellulose                                   | 9004-34-6  | ACGIH | TWA:10 mg/m3  |   |
| Cellulose                                   | 9004-34-6  | OSHA  | TWA(as total dust):15 mg/m3;TWA(respirable fraction):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:



Indirect Vented Goggles

### Skin/hand protection

When used as intended as a hand cleaner, chemical protective gloves are not required.

For all other uses:

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: Fluoroelastomer

Nitrile Rubber

Polyvinyl Alcohol (PVA)

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 – Nitrile

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

|  |   |
|--|---|
| <b>General Physical Form:</b>                  | Liquid Paste  |
| <b>Specific Physical Form:</b>                 | Paste   |
| <b>Odor, Color, Grade:</b>                     | sweet odor, light tan paste   |
| <b>Odor threshold</b>                          | <i>No Data Available</i>  |
| <b>pH</b>                                      | 8.1 - 8.7   |
| <b>Melting point</b>                           | <i>No Data Available</i>  |
| <b>Boiling Point</b>                           | >=215 °F  |
| <b>Flash Point</b>                             | 201 °F [ <i>Test Method</i> :Closed Cup]                                      |
| <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>Vapor Pressure</b>                          | 1 mmHg [ <i>Test Method</i> :Estimated] [ <i>Details</i> :CONDITIONS: @ 20 C] |
| <b>Vapor Density</b>                           | <i>No Data Available</i>  |
| <b>Density</b>                                 | 9.25 - 9.75 lb/gal  |
| <b>Specific Gravity</b>                        | 1.10843 - 1.16834 [ <i>Ref Std</i> :WATER=1]                                  |
| <b>Solubility in Water</b>                     | Slight (less than 10%)  |
| <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</b>                               | >= 40,000 centipoise  |



|   |   |
|---|---|
| <b>Hazardous Air Pollutants</b>           | 0.0019 lb HAPS/lb solids [ <i>Test Method</i> :Calculated]      |
| <b>Volatile Organic Compounds</b>         | 0.8 % weight [ <i>Test Method</i> :calculated per CARB title 2] |
| <b>Volatile Organic Compounds</b>         | 678 g/l [ <i>Test Method</i> :calculated SCAQMD rule 443.1]     |
| <b>Percent volatile</b>                   | 58.5 % weight [ <i>Details</i> :(excluding exempt compounds)]   |
| <b>VOC Less H2O &amp; Exempt Solvents</b> | 681 g/l [ <i>Test Method</i> :calculated SCAQMD rule 443.1]     |

## 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

None known.

### 10.5. Incompatible materials

Strong oxidizing 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:

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:**

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

**Ingestion:**

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

**Additional Health Effects:****Prolonged or repeated exposure may cause target organ effects:**

Pneumoconiosis: Sign/symptoms may include persistent cough, breathlessness, chest pain, increased amounts of sputum, and changes in lung function tests.

**Carcinogenicity:**

Contains a chemical(s) which may cause cancer following prolonged, repeated inhalation of dust from dried or cured product.

| <b>Ingredient</b>     | <b>CAS No.</b> | <b>Class Description</b>       | <b>Regulation</b>                           |
|-----------------------|----------------|--------------------------------|---|
| SILICA, CRYST AIRRESP | 14464-46-1     | Known human carcinogen         | National Toxicology Program Carcinogens     |
| SILICA, CRYST AIRRESP | 14808-60-7     | Known human carcinogen         | National Toxicology Program Carcinogens     |
| Cristobalite          | 14464-46-1     | Grp. 1: Carcinogenic to humans | International Agency for Research on Cancer |
| Quartz Silica         | 14808-60-7     | 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**

| <b>Name</b>   | <b>Route</b>                   | <b>Species</b> | <b>Value</b>                                   |
|---|--------------------------------|----------------|--|
| Overall product                                     | Dermal                         |                | No data available; calculated ATE >5,000 mg/kg |
| Overall product                                     | Ingestion                      |                | No data available; calculated ATE >5,000 mg/kg |
| Polyethylene Glycol                                 | Dermal                         | Rabbit         | LD50 > 20,000 mg/kg                            |
| Polyethylene Glycol                                 | Ingestion                      | Rat            | LD50 32,770 mg/kg                              |
| Dimethyl Glutarate                                  | Dermal                         | Rabbit         | LD50 > 5,000 mg/kg                             |
| Dimethyl Glutarate                                  | Ingestion                      | Rat            | LD50 > 5,000 mg/kg                             |
| Stearic Acid  | Dermal                         | Rabbit         | LD50 > 2,000 mg/kg                             |
| Stearic Acid  | Ingestion                      | Rat            | LD50 > 5,000 mg/kg                             |
| Talc  | Dermal                         |                | LD50 estimated to be > 5,000 mg/kg             |
| Talc  | Ingestion                      |                | LD50 estimated to be > 5,000 mg/kg             |
| Cellulose   | Dermal                         | Rabbit         | LD50 > 2,000 mg/kg                             |
| Cellulose   | Inhalation-Dust/Mist (4 hours) | Rat            | LC50 > 5.8 mg/l                                |
| Cellulose   | Ingestion                      | Rat            | LD50 > 5,000 mg/kg                             |
| Triethanolamine                                     | Dermal                         | Rabbit         | LD50 > 2,000 mg/kg                             |
| Triethanolamine                                     | Ingestion                      | Rat            | LD50 9,000 mg/kg                               |
| Petrolatum  | Dermal                         |                | LD50 estimated to be > 5,000 mg/kg             |
| Petrolatum  | Ingestion                      | Rat            | LD50 > 5,000 mg/kg                             |
| Synthetic Amorphous Silica, Fumed, Crystalline Free | Dermal                         | Rabbit         | LD50 > 5,000 mg/kg                             |
| Synthetic Amorphous Silica, Fumed, Crystalline Free | Inhalation-Dust/Mist (4 hours) | Rat            | LC50 > 0.691 mg/l                              |
| Synthetic Amorphous Silica, Fumed, Crystalline Free | Ingestion                      | Rat            | LD50 > 5,110 mg/kg                             |
| Sodium di(2-ethylhexyl) sulfosuccinate              | Dermal                         | Rabbit         | LD50 > 10,000 mg/kg                            |
| Sodium di(2-ethylhexyl) sulfosuccinate              | Inhalation-Dust/Mist (4 hours) | Rat            | LC50 > 20 mg/l                                 |
| Sodium di(2-ethylhexyl) sulfosuccinate              | Ingestion                      | Rat            | LD50 > 2,100 mg/kg                             |
| d-Limonene  | Inhalation-Vapor (4            | Mouse          | LC50 > 3.14 mg/l                               |



|               |           |        |                                    |
|---------------|-----------|--------|------------------------------------|
|               | hours)    |        |                                    |
| d-Limonene    | Dermal    | Rabbit | LD50 > 5,000 mg/kg                 |
| d-Limonene    | Ingestion | Rat    | LD50 4,400 mg/kg                   |
| Quartz Silica | Dermal    |        | LD50 estimated to be > 5,000 mg/kg |
| Quartz Silica | Ingestion |        | LD50 estimated to be > 5,000 mg/kg |
| Cristobalite  | Dermal    |        | LD50 estimated to be > 5,000 mg/kg |
| Cristobalite  | Ingestion |        | LD50 estimated to be > 5,000 mg/kg |

ATE = acute toxicity estimate

### Skin Corrosion/Irritation

| Name  | Species               | Value                     |
|---|-----------------------|---------------------------|
| Polyethylene Glycol                                 | Rabbit                | Minimal irritation        |
| Stearic Acid  | Rabbit                | No significant irritation |
| Talc  | Rabbit                | No significant irritation |
| Cellulose   | Not available         | No significant irritation |
| Triethanolamine                                     | Rabbit                | Minimal irritation        |
| Synthetic Amorphous Silica, Fumed, Crystalline Free | Rabbit                | No significant irritation |
| Sodium di(2-ethylhexyl) sulfosuccinate              | Rabbit                | Irritant                  |
| d-Limonene  | Rabbit                | Mild irritant             |
| Quartz Silica                                       | Professional judgment | No significant irritation |
| Cristobalite  | Professional judgment | No significant irritation |

### Serious Eye Damage/Irritation

| Name  | Species       | Value                     |
|---|---------------|---------------------------|
| Polyethylene Glycol                                 | Rabbit        | Mild irritant             |
| Stearic Acid  | Rabbit        | No significant irritation |
| Talc  | Rabbit        | No significant irritation |
| Cellulose   | Not available | No significant irritation |
| Triethanolamine                                     | Rabbit        | Mild irritant             |
| Synthetic Amorphous Silica, Fumed, Crystalline Free | Rabbit        | No significant irritation |
| Sodium di(2-ethylhexyl) sulfosuccinate              | Rabbit        | Corrosive                 |
| d-Limonene  | Rabbit        | Mild irritant             |

### Skin Sensitization

| Name  | Species          | Value          |
|---|------------------|----------------|
| Polyethylene Glycol                                 | Guinea pig       | Not classified |
| Triethanolamine                                     | Human            | Not classified |
| Synthetic Amorphous Silica, Fumed, Crystalline Free | Human and animal | Not classified |
| d-Limonene  | Mouse            | Sensitizing    |

### Respiratory Sensitization

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

### Germ Cell Mutagenicity

| Name | Route | Value |
|------|-------|-------|
|------|-------|-------|



|   |          |  |
|---|----------|--|
| Polyethylene Glycol                                 | In Vitro | Not mutagenic  |
| Polyethylene Glycol                                 | In vivo  | Not mutagenic  |
| Stearic Acid  | In Vitro | Not mutagenic  |
| Talc  | In Vitro | Not mutagenic  |
| Talc  | In vivo  | Not mutagenic  |
| Triethanolamine                                     | In Vitro | Not mutagenic  |
| Triethanolamine                                     | In vivo  | Not mutagenic  |
| Synthetic Amorphous Silica, Fumed, Crystalline Free | In Vitro | Not mutagenic  |
| d-Limonene  | In Vitro | Not mutagenic  |
| d-Limonene  | In vivo  | Not mutagenic  |
| Quartz Silica                                       | In Vitro | Some positive data exist, but the data are not sufficient for classification |
| Quartz Silica                                       | In vivo  | Some positive data exist, but the data are not sufficient for classification |
| Cristobalite  | In Vitro | Some positive data exist, but the data are not sufficient for classification |
| Cristobalite  | In vivo  | Some positive data exist, but the data are not sufficient for classification |

### Carcinogenicity

| Name  | Route         | Species                 | Value  |
|---|---------------|-------------------------|--|
| Polyethylene Glycol                                 | Ingestion     | Rat                     | Not carcinogenic   |
| Stearic Acid  | Ingestion     | Rat                     | Not carcinogenic   |
| Talc  | Inhalation    | Rat                     | Some positive data exist, but the data are not sufficient for classification |
| Triethanolamine                                     | Dermal        | Multiple animal species | Not carcinogenic   |
| Triethanolamine                                     | Ingestion     | Mouse                   | Some positive data exist, but the data are not sufficient for classification |
| Synthetic Amorphous Silica, Fumed, Crystalline Free | Not Specified | Mouse                   | Some positive data exist, but the data are not sufficient for classification |
| d-Limonene  | Ingestion     | Rat                     | Some positive data exist, but the data are not sufficient for classification |
| Quartz Silica                                       | Inhalation    | Human and animal        | Carcinogenic   |
| Cristobalite  | Inhalation    | Human and animal        | Carcinogenic   |

### Reproductive Toxicity

#### Reproductive and/or Developmental Effects

| Name  | Route         | Value  | Species | Test Result                   | Exposure Duration    |
|---|---------------|--|---------|-------------------------------|----------------------|
| Polyethylene Glycol                                 | Ingestion     | Not classified for female reproduction             | Rat     | NOAEL 1,125 mg/kg/day         | during gestation     |
| Polyethylene Glycol                                 | Ingestion     | Not classified for male reproduction               | Rat     | NOAEL 5699 +/- 1341 mg/kg/day | 5 days               |
| Polyethylene Glycol                                 | Not Specified | Not classified for reproduction and/or development |         | NOEL N/A                      |                      |
| Polyethylene Glycol                                 | Ingestion     | Not classified for development                     | Mouse   | NOAEL 562 mg/animal/day       | during gestation     |
| Talc  | Ingestion     | Not classified for development                     | Rat     | NOAEL 1,600 mg/kg             | during organogenesis |
| Triethanolamine                                     | Ingestion     | Not classified for development                     | Mouse   | NOAEL 1,125 mg/kg/day         | during organogenesis |
| Synthetic Amorphous Silica, Fumed, Crystalline Free | Ingestion     | Not classified for female reproduction             | Rat     | NOAEL 509 mg/kg/day           | 1 generation         |
| Synthetic Amorphous Silica, Fumed,                  | Ingestion     | Not classified for male reproduction               | Rat     | NOAEL 497                     | 1 generation         |



|   |           |  |                         |                       |                                |
|---|-----------|--|-------------------------|-----------------------|--------------------------------|
| Crystalline Free                                    |           |  |                         | mg/kg/day             |                                |
| Synthetic Amorphous Silica, Fumed, Crystalline Free | Ingestion | Not classified for development         | Rat                     | NOAEL 1,350 mg/kg/day | during organogenesis           |
| d-Limonene  | Ingestion | Not classified for female reproduction | Rat                     | NOAEL 750 mg/kg/day   | prematuring & during gestation |
| d-Limonene  | Ingestion | Not classified for development         | Multiple animal species | NOAEL 591 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 |
|---------------------|------------|------------------------|--|---------|---------------------|-------------------|
| Polyethylene Glycol | Inhalation | respiratory irritation | Not classified   | Rat     | NOAEL 1.008 mg/l    | 2 weeks           |
| Stearic Acid        | Inhalation | respiratory irritation | Some positive data exist, but the data are not sufficient for classification |         | NOAEL Not available |                   |
| d-Limonene          | Ingestion  | nervous system         | Not classified   |         | NOAEL Not available |                   |

#### Specific Target Organ Toxicity - repeated exposure

| Name  | Route      | Target Organ(s)  | Value  | Species                 | Test Result           | Exposure Duration     |
|---|------------|--|--|-------------------------|-----------------------|-----------------------|
| Polyethylene Glycol                                 | Inhalation | respiratory system   | Not classified   | Rat                     | NOAEL 1.008 mg/l      | 2 weeks               |
| Polyethylene Glycol                                 | Ingestion  | kidney and/or bladder   heart   endocrine system   hematopoietic system   liver   nervous system | Not classified   | Rat                     | NOAEL 5,640 mg/kg/day | 13 weeks              |
| Stearic Acid  | Ingestion  | blood  | Not classified   | Rat                     | NOAEL Not available   | 6 weeks               |
| Talc  | Inhalation | pneumoconiosis   | Causes damage to organs through prolonged or repeated exposure               | Human                   | NOAEL Not available   | occupational exposure |
| Talc  | Inhalation | pulmonary fibrosis   respiratory system  | Not classified   | Rat                     | NOAEL 18 mg/m3        | 113 weeks             |
| Triethanolamine                                     | Dermal     | kidney and/or bladder  | Not classified   | Multiple animal species | NOAEL 2,000 mg/kg/day | 2 years               |
| Triethanolamine                                     | Dermal     | liver  | Not classified   | Mouse                   | NOAEL 4,000 mg/kg/day | 13 weeks              |
| Triethanolamine                                     | Ingestion  | kidney and/or bladder  | Some positive data exist, but the data are not sufficient for classification | Rat                     | LOAEL 1,000 mg/kg/day | 2 years               |
| Triethanolamine                                     | Ingestion  | liver  | Not classified   | Guinea pig              | NOAEL 1,600 mg/kg/day | 24 weeks              |
| Synthetic Amorphous Silica, Fumed, Crystalline Free | Inhalation | respiratory system   silicosis   | Not classified   | Human                   | NOAEL Not available   | occupational exposure |
| d-Limonene  | Ingestion  | kidney and/or bladder  | Not classified   | Rat                     | LOAEL 75 mg/kg/day    | 103 weeks             |
| d-Limonene  | Ingestion  | liver  | Not classified   | Mouse                   | NOAEL 1,000 mg/kg/day | 103 weeks             |
| d-Limonene  | Ingestion  | heart   endocrine system   bone, teeth, nails, and/or hair   hematopoietic system   immune       | Not classified   | Rat                     | NOAEL 600 mg/kg/day   | 103 weeks             |



|               |            |  |   |       |                        |                          |
|---------------|------------|--|---|-------|------------------------|--------------------------|
|               |            | system   muscles  <br>nervous system  <br>respiratory system |   |       |                        |                          |
| Quartz Silica | Inhalation | silicosis  | Causes damage to organs through<br>prolonged or repeated exposure | Human | NOAEL Not<br>available | occupational<br>exposure |
| Cristobalite  | Inhalation | silicosis  | Causes damage to organs through<br>prolonged or repeated exposure | Human | NOAEL Not<br>available | occupational<br>exposure |

**Aspiration Hazard**

| Name       | Value             |
|------------|-------------------|
| d-Limonene | 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**

Carcinogenicity



|  |
|--|
| Respiratory or Skin Sensitization                            |
| Serious eye damage or eye irritation                         |
| Specific target organ toxicity (single or repeated exposure) |

### 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.

|                        |           |                         |          |
|------------------------|-----------|-------------------------|----------|
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