



## Safety Data Sheet

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

#### 1.1. Product identifier

3M™ Acryl-Green Spot Putty PN 05096

#### Product Identification Numbers

LB-K100-0714-5, 41-0003-6502-7, 41-0003-8043-0, 60-4550-4709-6

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

##### Recommended use

Automotive, For Industrial or Professional use.

#### 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

Flammable Liquid: Category 2.  
Serious Eye Damage/Irritation: Category 2A.  
Skin Corrosion/Irritation: Category 2.  
Reproductive Toxicity: Category 1B.  
Carcinogenicity: Category 2.  
Specific Target Organ Toxicity (central nervous system): Category 3.  
Specific Target Organ Toxicity (repeated exposure): Category 1.

#### 2.2. Label elements

##### Signal word

Danger

## Symbols

Flame | Exclamation mark | Health Hazard |

## Pictograms



## Hazard Statements

Highly flammable liquid and vapor.

Causes serious eye irritation.

Causes skin irritation.

May cause drowsiness or dizziness.

May damage fertility or the unborn child.

Suspected of causing cancer.

Causes damage to organs through prolonged or repeated exposure:

nervous system |

respiratory system |

sensory organs |

## 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.

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

Ground/bond container and receiving equipment.

Use only non-sparking tools.

Take precautionary measures against static discharge.

Keep container tightly closed.

Use explosion-proof electrical/ventilating/lighting equipment.

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

Use only outdoors or in a well-ventilated area.

Wear protective gloves and eye/face protection.

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

Wash thoroughly after handling.

### Response:

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

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

Continue rinsing.

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

Wash contaminated clothing before reuse.

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

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

### Storage:

Store in a well-ventilated place. Keep cool.

Keep container tightly closed.  
Store locked up.

**Disposal:**

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

**2.3. Hazards not otherwise classified**

None.

14% of the mixture consists of ingredients of unknown acute oral toxicity.

21% of the mixture consists of ingredients of unknown acute dermal toxicity.

71% of the mixture consists of ingredients of unknown acute inhalation toxicity.

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

| Ingredient                            | C.A.S. No.    | % by Wt                |
|---------------------------------------|---------------|------------------------|
| Talc                                  | 14807-96-6    | 15 - 40 Trade Secret * |
| Toluene                               | 108-88-3      | 10 - 30 Trade Secret * |
| Acrylic Polymer(s)                    | Trade Secret* | 7 - 13 Trade Secret *  |
| Titanium Dioxide                      | 13463-67-7    | 7 - 13 Trade Secret *  |
| Magnesium Carbonate                   | 546-93-0      | 3 - 7 Trade Secret *   |
| Butyl Alcohol                         | 71-36-3       | 1 - 5 Trade Secret *   |
| SYNTHETIC CRYSTALLINE-FREE SILICA GEL | 112926-00-8   | < 3 Trade Secret *     |
| Ethylbenzene                          | 100-41-4      | < 0.2 Trade Secret *   |

Any remaining components do not contribute to the hazards of this material.

\*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 flammable liquids such as dry chemical or carbon dioxide to extinguish.

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

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

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

Water may not effectively extinguish fire; however, it should be used to keep fire-exposed containers and surfaces cool and prevent explosive rupture.

## SECTION 6: Accidental release measures

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

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

### 6.2. Environmental precautions

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

### 6.3. Methods and material for containment and cleaning up

Contain spill. Cover spill area with a fire-extinguishing foam. An appropriate aqueous film forming foam (AFFF) is recommended. Working from around the edges of the spill inward, cover with bentonite, vermiculite, or commercially available inorganic absorbent material. Mix in sufficient absorbent until it appears dry. Remember, adding an absorbent material does not remove a physical, health, or environmental hazard. Collect as much of the spilled material as possible using non-sparking tools. Place in a metal container approved for transportation by appropriate authorities. Clean up residue with 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.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Do not use in a confined area with minimal air exchange. Keep out of reach of children. Do not handle until all safety precautions have been read and understood. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Use only non-sparking tools. Take precautionary measures against static discharge. 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. Avoid release to the environment. Avoid contact with oxidizing agents (eg. chlorine, chromic acid etc.) Wear low static or properly grounded shoes. Use personal protective equipment (gloves, respirators, etc.) as required. To minimize the risk of ignition, determine applicable electrical classifications for the process using this product and select specific local exhaust ventilation equipment to avoid flammable vapor accumulation. Ground/bond container and receiving equipment if there is potential for static electricity accumulation during transfer. Vapors may travel long distances along the ground or floor to an ignition source and flash back.

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

Store in a well-ventilated place. Keep cool. 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.

| <b>Ingredient</b>   | <b>C.A.S. No.</b> | <b>Agency</b> | <b>Limit type</b>                                                                                                                                          | <b>Additional Comments</b>     |
|---------------------|-------------------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|
| Ethylbenzene        | 100-41-4          | ACGIH         | TWA:20 ppm                                                                                                                                                 | A3: Confirmed animal carcin.   |
| Ethylbenzene        | 100-41-4          | CMRG          | TWA:25 ppm;STEL:75 ppm                                                                                                                                     |                                |
| Ethylbenzene        | 100-41-4          | OSHA          | TWA:435 mg/m3(100 ppm)                                                                                                                                     |                                |
| Toluene             | 108-88-3          | ACGIH         | TWA:20 ppm                                                                                                                                                 | A4: Not class. as human carcin |
| Toluene             | 108-88-3          | CMRG          | STEL:75 ppm                                                                                                                                                | Skin Notation                  |
| Toluene             | 108-88-3          | OSHA          | TWA:200 ppm;CEIL:300 ppm                                                                                                                                   |                                |
| SILICA, AMORPHOUS   | 112926-00-8       | OSHA          | TWA concentration:0.8 mg/m3;TWA:20 millions of particles/cu. ft.                                                                                           |                                |
| Titanium Dioxide    | 13463-67-7        | ACGIH         | TWA:10 mg/m3                                                                                                                                               | A4: Not class. as human carcin |
| Titanium Dioxide    | 13463-67-7        | CMRG          | TWA(as respirable dust):5 mg/m3                                                                                                                            |                                |
| Titanium Dioxide    | 13463-67-7        | OSHA          | TWA(as total dust):15 mg/m3                                                                                                                                |                                |
| Talc                | 14807-96-6        | ACGIH         | TWA(respirable fraction):2 mg/m3                                                                                                                           | A4: Not class. as human carcin |
| Talc                | 14807-96-6        | CMRG          | TWA(as respirable dust):0.5 mg/m3                                                                                                                          |                                |
| Talc                | 14807-96-6        | OSHA          | TWA concentration(as total dust):0.3 mg/m3;TWA concentration(respirable):0.1 mg/m3(2.4 millions of particles/cu. ft.);TWA:20 millions of particles/cu. ft. |                                |
| Magnesium Carbonate | 546-93-0          | OSHA          | TWA(as total dust):15 mg/m3;TWA(respirable fraction):5 mg/m3                                                                                               |                                |
| Butyl Alcohol       | 71-36-3           | ACGIH         | TWA:20 ppm                                                                                                                                                 |                                |
| Butyl Alcohol       | 71-36-3           | OSHA          | TWA:300 mg/m3(100 ppm)                                                                                                                                     |                                |

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**

Provide appropriate local exhaust ventilation for sanding, grinding or machining. 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. Use explosion-proof ventilation equipment.

**8.2.2. Personal protective equipment (PPE)****Eye/face protection**

Select and use eye/face protection to prevent contact based on the results of an exposure assessment. The following eye/face

protection(s) are recommended:  
Indirect Vented Goggles

#### 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: Polyethylene

Polyvinyl Alcohol (PVA)

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                                                                |
| <b>Specific Physical Form:</b>                 | Paste                                                                 |
| <b>Odor, Color, Grade:</b>                     | Solvent Odor, Green Smooth Paste                                      |
| <b>Odor threshold</b>                          | <i>No Data Available</i>                                              |
| <b>pH</b>                                      | <i>Not Applicable</i>                                                 |
| <b>Melting point</b>                           | <i>No Data Available</i>                                              |
| <b>Boiling Point</b>                           | >=200 °F                                                              |
| <b>Flash Point</b>                             | 63 °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>                   | 1.00 %                                                                |
| <b>Flammable Limits(UEL)</b>                   | 13.00 %                                                               |
| <b>Vapor Pressure</b>                          | <=27 psia [ <i>@ 131.0000000000 °F</i> ] [ <i>Details:</i> MITS data] |
| <b>Vapor Density</b>                           | <i>No Data Available</i>                                              |
| <b>Density</b>                                 | 1.46 - 1.60 g/ml                                                      |
| <b>Specific Gravity</b>                        | 1.46 - 1.60 [ <i>Ref Std:</i> WATER=1]                                |
| <b>Solubility in Water</b>                     | Nil                                                                   |
| <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>                               | 200,000 - 400,000 centipoise                                          |
| <b>Hazardous Air Pollutants</b>                | 0.43 lb HAPS/lb solids [ <i>Test Method:</i> Calculated]              |
| <b>Volatile Organic Compounds</b>              | 420 g/l [ <i>Test Method:</i> calculated SCAQMD rule 443.1]           |
| <b>Volatile Organic Compounds</b>              | 27.5 % weight [ <i>Test Method:</i> calculated per CARB title 2]      |
| <b>Percent volatile</b>                        | 27.6 % weight                                                         |
| <b>VOC Less H2O &amp; Exempt Solvents</b>      | 421 g/l [ <i>Test Method:</i> calculated SCAQMD rule 443.1]           |

## SECTION 10: Stability and reactivity

#### 10.1. Reactivity

This material is considered to be non reactive under normal use conditions.

#### 10.2. Chemical stability

Stable.

#### 10.3. Possibility of hazardous reactions

Hazardous polymerization will not occur.

#### 10.4. Conditions to avoid

Sparks and/or flames

Heat

#### 10.5. Incompatible materials

Strong acids

Strong oxidizing agents

#### 10.6. Hazardous decomposition products

| <u>Substance</u>              | <u>Condition</u> |
|-------------------------------|------------------|
| Carbon monoxide               | Not Specified    |
| Carbon dioxide                | Not Specified    |
| Toxic Vapor, Gas, Particulate | Not Specified    |

### SECTION 11: Toxicological information

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

#### 11.1. Information on Toxicological effects

##### Signs and Symptoms of Exposure

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

##### Inhalation:

May be harmful if inhaled.

Respiratory Tract Irritation: Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain.

May cause additional health effects (see below).

##### Skin Contact:

Skin Irritation: Signs/symptoms may include localized redness, swelling, itching, dryness, cracking, blistering, and pain.

##### 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.

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:

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

Ocular Effects: Signs/symptoms may include blurred or significantly impaired vision.

Auditory Effects: Signs/symptoms may include hearing impairment, balance dysfunction and ringing in the ears.

Olfactory Effects: Signs/symptoms may include decreased ability to detect odors and/or complete loss of smell.

Neurological Effects: Signs/symptoms may include personality changes, lack of coordination, sensory loss, tingling or numbness of the extremities, weakness, tremors, and/or changes in blood pressure and heart rate.

#### Reproductive/Developmental Toxicity:

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

#### Carcinogenicity:

Contains a chemical or chemicals which can cause cancer.

| Ingredient       | CAS No.    | Class Description             | Regulation                                  |
|------------------|------------|-------------------------------|---------------------------------------------|
| Ethylbenzene     | 100-41-4   | Grp. 2B: Possible human carc. | International Agency for Research on Cancer |
| Titanium Dioxide | 13463-67-7 | Grp. 2B: Possible human carc. | International Agency for Research on Cancer |

#### Toxicological Data

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

#### Acute Toxicity

| Name                | Route                          | Species | Value                                           |
|---------------------|--------------------------------|---------|-------------------------------------------------|
| Overall product     | Dermal                         |         | No data available; calculated ATE > 5,000 mg/kg |
| Overall product     | Inhalation-Vapor(4 hr)         |         | No data available; calculated ATE 20 - 50 mg/l  |
| Overall product     | Ingestion                      |         | No data available; calculated ATE > 5,000 mg/kg |
| Talc                | Dermal                         |         | LD50 estimated to be > 5,000 mg/kg              |
| Talc                | Ingestion                      |         | LD50 estimated to be > 5,000 mg/kg              |
| Toluene             | Dermal                         | Rat     | LD50 12,000 mg/kg                               |
| Toluene             | Inhalation-Vapor (4 hours)     | Rat     | LC50 30 mg/l                                    |
| Toluene             | Ingestion                      | Rat     | LD50 5,550 mg/kg                                |
| Titanium Dioxide    | Dermal                         | Rabbit  | LD50 > 10,000 mg/kg                             |
| Titanium Dioxide    | Inhalation-Dust/Mist (4 hours) | Rat     | LC50 > 6.82 mg/l                                |
| Titanium Dioxide    | Ingestion                      | Rat     | LD50 > 10,000 mg/kg                             |
| Magnesium Carbonate | Ingestion                      | Mouse   | LD50 > 5,000 mg/kg                              |
| Butyl Alcohol       | Dermal                         | Rabbit  | LD50 3,402 mg/kg                                |
| Butyl Alcohol       | Inhalation-Vapor (4 hours)     | Rat     | LC50 24 mg/l                                    |



|                                       |                                |        |                    |
|---------------------------------------|--------------------------------|--------|--------------------|
| Butyl Alcohol                         | Ingestion                      | Rat    | LD50 2,290 mg/kg   |
| SYNTHETIC CRYSTALLINE-FREE SILICA GEL | Dermal                         | Rabbit | LD50 > 5,000 mg/kg |
| SYNTHETIC CRYSTALLINE-FREE SILICA GEL | Inhalation-Dust/Mist (4 hours) | Rat    | LC50 > 0.691 mg/l  |
| SYNTHETIC CRYSTALLINE-FREE SILICA GEL | Ingestion                      | Rat    | LD50 > 5,110 mg/kg |
| Ethylbenzene                          | Dermal                         | Rabbit | LD50 15,433 mg/kg  |
| Ethylbenzene                          | Inhalation-Vapor (4 hours)     | Rat    | LC50 17.4 mg/l     |
| Ethylbenzene                          | Ingestion                      | Rat    | LD50 4,769 mg/kg   |

ATE = acute toxicity estimate

**Skin Corrosion/Irritation**

| Name                                  | Species       | Value                     |
|---------------------------------------|---------------|---------------------------|
| Talc                                  | Rabbit        | No significant irritation |
| Toluene                               | Rabbit        | Irritant                  |
| Titanium Dioxide                      | Rabbit        | No significant irritation |
| Magnesium Carbonate                   | In vitro data | Minimal irritation        |
| Butyl Alcohol                         | Rabbit        | Mild irritant             |
| SYNTHETIC CRYSTALLINE-FREE SILICA GEL | Rabbit        | No significant irritation |
| Ethylbenzene                          | Rabbit        | Mild irritant             |

**Serious Eye Damage/Irritation**

| Name                                  | Species | Value                     |
|---------------------------------------|---------|---------------------------|
| Talc                                  | Rabbit  | No significant irritation |
| Toluene                               | Rabbit  | Moderate irritant         |
| Titanium Dioxide                      | Rabbit  | No significant irritation |
| Magnesium Carbonate                   | Rabbit  | Mild irritant             |
| Butyl Alcohol                         | Rabbit  | Severe irritant           |
| SYNTHETIC CRYSTALLINE-FREE SILICA GEL | Rabbit  | No significant irritation |
| Ethylbenzene                          | Rabbit  | Moderate irritant         |

**Skin Sensitization**

| Name                                  | Species          | Value           |
|---------------------------------------|------------------|-----------------|
| Toluene                               | Guinea pig       | Not sensitizing |
| Titanium Dioxide                      | Human and animal | Not sensitizing |
| Butyl Alcohol                         | Human            | Not sensitizing |
| SYNTHETIC CRYSTALLINE-FREE SILICA GEL | Human and animal | Not sensitizing |
| Ethylbenzene                          | Human            | Not sensitizing |

**Respiratory Sensitization**

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

**Germ Cell Mutagenicity**

| Name             | Route    | Value         |
|------------------|----------|---------------|
| Talc             | In Vitro | Not mutagenic |
| Talc             | In vivo  | Not mutagenic |
| Toluene          | In Vitro | Not mutagenic |
| Toluene          | In vivo  | Not mutagenic |
| Titanium Dioxide | In Vitro | Not mutagenic |
| Titanium Dioxide | In vivo  | Not mutagenic |

|                                       |          |                                                                              |
|---------------------------------------|----------|------------------------------------------------------------------------------|
| Butyl Alcohol                         | In vivo  | Not mutagenic                                                                |
| Butyl Alcohol                         | In Vitro | Some positive data exist, but the data are not sufficient for classification |
| SYNTHETIC CRYSTALLINE-FREE SILICA GEL | In Vitro | Not mutagenic                                                                |
| Ethylbenzene                          | In vivo  | Not mutagenic                                                                |
| Ethylbenzene                          | In Vitro | Some positive data exist, but the data are not sufficient for classification |

### Carcinogenicity

| Name                                  | Route         | Species                 | Value                                                                        |
|---------------------------------------|---------------|-------------------------|------------------------------------------------------------------------------|
| Talc                                  | Inhalation    | Rat                     | Some positive data exist, but the data are not sufficient for classification |
| Toluene                               | Dermal        | Mouse                   | Some positive data exist, but the data are not sufficient for classification |
| Toluene                               | Ingestion     | Rat                     | Some positive data exist, but the data are not sufficient for classification |
| Toluene                               | Inhalation    | Mouse                   | Some positive data exist, but the data are not sufficient for classification |
| Titanium Dioxide                      | Ingestion     | Multiple animal species | Not carcinogenic                                                             |
| Titanium Dioxide                      | Inhalation    | Rat                     | Carcinogenic                                                                 |
| SYNTHETIC CRYSTALLINE-FREE SILICA GEL | Not Specified | Mouse                   | Some positive data exist, but the data are not sufficient for classification |
| Ethylbenzene                          | Inhalation    | Multiple animal species | Carcinogenic                                                                 |

### Reproductive Toxicity

#### Reproductive and/or Developmental Effects

| Name                                  | Route      | Value                                                                                            | Species | Test Result           | Exposure Duration            |
|---------------------------------------|------------|--------------------------------------------------------------------------------------------------|---------|-----------------------|------------------------------|
| Talc                                  | Ingestion  | Not toxic to development                                                                         | Rat     | NOAEL 1,600 mg/kg     | during organogenesis         |
| Toluene                               | Inhalation | Some positive female reproductive data exist, but the data are not sufficient for classification | Human   | NOAEL Not available   | occupational exposure        |
| Toluene                               | Inhalation | Some positive male reproductive data exist, but the data are not sufficient for classification   | Rat     | NOAEL 2.3 mg/l        | 1 generation                 |
| Toluene                               | Ingestion  | Toxic to development                                                                             | Rat     | LOAEL 520 mg/kg/day   | during gestation             |
| Toluene                               | Inhalation | Toxic to development                                                                             | Human   | NOAEL Not available   | poisoning and/or abuse       |
| Butyl Alcohol                         | Ingestion  | Not toxic to female reproduction                                                                 | Rat     | NOAEL 5,000 mg/kg/day | premating & during gestation |
| Butyl Alcohol                         | Inhalation | Not toxic to male reproduction                                                                   | Rat     | NOAEL 18 mg/l         | 6 weeks                      |
| Butyl Alcohol                         | Inhalation | Some positive developmental data exist, but the data are not sufficient for classification       | Rat     | NOAEL 10.6 mg/l       | during gestation             |
| SYNTHETIC CRYSTALLINE-FREE SILICA GEL | Ingestion  | Not toxic to female reproduction                                                                 | Rat     | NOAEL 509 mg/kg/day   | 1 generation                 |
| SYNTHETIC CRYSTALLINE-FREE SILICA GEL | Ingestion  | Not toxic to male reproduction                                                                   | Rat     | NOAEL 497 mg/kg/day   | 1 generation                 |
| SYNTHETIC CRYSTALLINE-FREE SILICA GEL | Ingestion  | Not toxic to development                                                                         | Rat     | NOAEL 1,350 mg/kg/day | during organogenesis         |
| Ethylbenzene                          | Inhalation | Some positive developmental data exist, but the data are not sufficient for classification       | Rat     | NOAEL 4.3 mg/l        | premating & during gestation |

### Target Organ(s)

**Specific Target Organ Toxicity - single exposure**

| Name          | Route      | Target Organ(s)                   | Value                                                                        | Species                 | Test Result         | Exposure Duration      |
|---------------|------------|-----------------------------------|------------------------------------------------------------------------------|-------------------------|---------------------|------------------------|
| Toluene       | Inhalation | central nervous system depression | May cause drowsiness or dizziness                                            | Human                   | NOAEL Not available |                        |
| Toluene       | Inhalation | respiratory irritation            | Some positive data exist, but the data are not sufficient for classification | Human                   | NOAEL Not available |                        |
| Toluene       | Inhalation | immune system                     | Some positive data exist, but the data are not sufficient for classification | Mouse                   | NOAEL 0.004 mg/l    | 3 hours                |
| Toluene       | Ingestion  | central nervous system depression | May cause drowsiness or dizziness                                            | Human                   | NOAEL Not available | poisoning and/or abuse |
| Butyl Alcohol | Inhalation | central nervous system depression | May cause drowsiness or dizziness                                            | Human                   | NOAEL Not available |                        |
| Butyl Alcohol | Inhalation | respiratory irritation            | May cause respiratory irritation                                             | official classification | NOAEL Not available |                        |
| Butyl Alcohol | Ingestion  | central nervous system depression | May cause drowsiness or dizziness                                            | Human                   | NOAEL Not available |                        |
| Ethylbenzene  | Inhalation | central nervous system depression | May cause drowsiness or dizziness                                            | Human                   | NOAEL Not available |                        |
| Ethylbenzene  | Inhalation | respiratory irritation            | Some positive data exist, but the data are not sufficient for classification | Human and animal        | NOAEL Not available |                        |
| Ethylbenzene  | Ingestion  | central nervous system depression | May cause drowsiness or dizziness                                            | Professional judgement  | NOAEL Not available |                        |

**Specific Target Organ Toxicity - repeated exposure**

| Name    | Route      | Target Organ(s)                                            | Value                                                                        | Species | Test Result           | Exposure Duration      |
|---------|------------|------------------------------------------------------------|------------------------------------------------------------------------------|---------|-----------------------|------------------------|
| Talc    | Inhalation | pneumoconiosis                                             | Causes damage to organs through prolonged or repeated exposure               | Human   | NOAEL Not available   | occupational exposure  |
| Talc    | Inhalation | pulmonary fibrosis   respiratory system                    | Some positive data exist, but the data are not sufficient for classification | Rat     | NOAEL 18 mg/m3        | 113 weeks              |
| Toluene | Inhalation | auditory system   nervous system   eyes   olfactory system | Causes damage to organs through prolonged or repeated exposure               | Human   | NOAEL Not available   | poisoning and/or abuse |
| Toluene | Inhalation | respiratory system                                         | Some positive data exist, but the data are not sufficient for classification | Rat     | LOAEL 2.3 mg/l        | 15 months              |
| Toluene | Inhalation | heart   liver   kidney and/or bladder                      | Some positive data exist, but the data are not sufficient for classification | Rat     | NOAEL 11.3 mg/l       | 15 weeks               |
| Toluene | Inhalation | endocrine system                                           | Some positive data exist, but the data are not sufficient for classification | Rat     | NOAEL 1.1 mg/l        | 4 weeks                |
| Toluene | Inhalation | immune system                                              | Some positive data exist, but the data are not sufficient for classification | Mouse   | NOAEL Not available   | 20 days                |
| Toluene | Inhalation | bone, teeth, nails, and/or hair                            | Some positive data exist, but the data are not sufficient for classification | Mouse   | NOAEL 1.1 mg/l        | 8 weeks                |
| Toluene | Inhalation | hematopoietic system   vascular system                     | Some positive data exist, but the data are not sufficient for classification | Human   | NOAEL Not available   | occupational exposure  |
| Toluene | Ingestion  | nervous system                                             | Some positive data exist, but the data are not sufficient for classification | Rat     | NOAEL 625 mg/kg/day   | 13 weeks               |
| Toluene | Ingestion  | heart                                                      | Some positive data exist, but the data are not sufficient for classification | Rat     | NOAEL 2,500 mg/kg/day | 13 weeks               |

|                                       |            |                                                    |                                                                              |                         |                       |                       |
|---------------------------------------|------------|----------------------------------------------------|------------------------------------------------------------------------------|-------------------------|-----------------------|-----------------------|
| Toluene                               | Ingestion  | liver   kidney and/or bladder                      | Some positive data exist, but the data are not sufficient for classification | Multiple animal species | NOAEL 2,500 mg/kg/day | 13 weeks              |
| Toluene                               | Ingestion  | hematopoietic system                               | Some positive data exist, but the data are not sufficient for classification | Mouse                   | NOAEL 600 mg/kg/day   | 14 days               |
| Toluene                               | Ingestion  | endocrine system                                   | Some positive data exist, but the data are not sufficient for classification | Mouse                   | NOAEL 105 mg/kg/day   | 28 days               |
| Toluene                               | Ingestion  | immune system                                      | Some positive data exist, but the data are not sufficient for classification | Mouse                   | NOAEL 105 mg/kg/day   | 4 weeks               |
| Titanium Dioxide                      | Inhalation | respiratory system                                 | Some positive data exist, but the data are not sufficient for classification | Rat                     | LOAEL 0.01 mg/l       | 2 years               |
| Titanium Dioxide                      | Inhalation | pulmonary fibrosis                                 | All data are negative                                                        | Human                   | NOAEL Not available   | occupational exposure |
| Butyl Alcohol                         | Inhalation | blood                                              | Some positive data exist, but the data are not sufficient for classification | Rat                     | NOAEL 0.3 mg/l        | 3 months              |
| Butyl Alcohol                         | Inhalation | auditory system                                    | Some positive data exist, but the data are not sufficient for classification | Human                   | NOAEL Not available   | occupational exposure |
| Butyl Alcohol                         | Inhalation | liver   kidney and/or bladder   respiratory system | Some positive data exist, but the data are not sufficient for classification | Guinea pig              | NOAEL Not available   | 3 months              |
| Butyl Alcohol                         | Inhalation | nervous system                                     | All data are negative                                                        | Rat                     | NOAEL 9.09 mg/l       | 13 weeks              |
| Butyl Alcohol                         | Ingestion  | blood                                              | Some positive data exist, but the data are not sufficient for classification | Rat                     | NOAEL 500 mg/kg/day   | 13 weeks              |
| SYNTHETIC CRYSTALLINE-FREE SILICA GEL | Inhalation | respiratory system   silicosis                     | All data are negative                                                        | Human                   | NOAEL Not available   | occupational exposure |
| Ethylbenzene                          | Inhalation | kidney and/or bladder                              | Some positive data exist, but the data are not sufficient for classification | Rat                     | NOAEL 1.1 mg/l        | 2 years               |
| Ethylbenzene                          | Inhalation | liver                                              | Some positive data exist, but the data are not sufficient for classification | Mouse                   | NOAEL 1.1 mg/l        | 103 weeks             |
| Ethylbenzene                          | Inhalation | hematopoietic system                               | Some positive data exist, but the data are not sufficient for classification | Rat                     | NOAEL 3.4 mg/l        | 28 days               |
| Ethylbenzene                          | Inhalation | auditory system                                    | Some positive data exist, but the data are not sufficient for classification | Rat                     | NOAEL 2.4 mg/l        | 5 days                |
| Ethylbenzene                          | Inhalation | endocrine system                                   | Some positive data exist, but the data are not sufficient for classification | Mouse                   | NOAEL 3.3 mg/l        | 103 weeks             |
| Ethylbenzene                          | Inhalation | bone, teeth, nails, and/or hair   muscles          | All data are negative                                                        | Multiple animal species | NOAEL 4.2 mg/l        | 90 days               |
| Ethylbenzene                          | Inhalation | heart   immune system   respiratory system         | All data are negative                                                        | Multiple animal species | NOAEL 3.3 mg/l        | 2 years               |
| Ethylbenzene                          | Ingestion  | liver   kidney and/or bladder                      | Some positive data exist, but the data are not sufficient for classification | Rat                     | NOAEL 680 mg/kg/day   | 6 months              |

**Aspiration Hazard**

| Name          | Value                                                                        |
|---------------|------------------------------------------------------------------------------|
| Toluene       | Aspiration hazard                                                            |
| Butyl Alcohol | Some positive data exist, but the data are not sufficient for classification |
| Ethylbenzene  | 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.

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

## 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.

#### 311/312 Hazard Categories:

Fire Hazard - Yes    Pressure Hazard - No    Reactivity Hazard - No    Immediate Hazard - Yes    Delayed Hazard - Yes

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>       |
|-------------------|------------------|----------------------|
| Toluene           | 108-88-3         | Trade Secret 10 - 30 |
| Butyl Alcohol     | 71-36-3          | Trade Secret 1 - 5   |
| Ethylbenzene      | 100-41-4         | Trade Secret < 0.2   |

### 15.2. State Regulations

Contact 3M for more information.

#### California Proposition 65

| <u>Ingredient</u>     | <u>C.A.S. No.</u> | <u>Classification</u>     |
|-----------------------|-------------------|---------------------------|
| EXP-001481.06/19/2009 | NONE              | Female reproductive toxin |
| EXP-001481.06/19/2009 | NONE              | Carcinogen                |
| EXP-001481.06/19/2009 | NONE              | Developmental Toxin       |
| Ethylbenzene          | 100-41-4          | Carcinogen                |

|                  |            |                           |
|------------------|------------|---------------------------|
| Toluene          | 108-88-3   | Female reproductive toxin |
| Toluene          | 108-88-3   | Developmental Toxin       |
| Titanium Dioxide | 13463-67-7 | Carcinogen                |

WARNING: This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.

WARNING: This product contains a chemical known to the State of California to cause cancer.

### 15.3. Chemical Inventories

The components of this product are in compliance with the chemical notification requirements of TSCA.

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:** 3 **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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