



## Safety Data Sheet

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### SECTION 1: Identification

#### 1.1. Product identifier

Loctite 411 Clear Toughened Instant Adhesive

#### Product Identification Numbers

80-6111-5491-7

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

##### Recommended use

Used in the assembly of Field Mount Plugs (Fiber Optics).

#### 1.3. Supplier's details

|                      |   |
|----------------------|---|
| <b>MANUFACTURER:</b> | 3M                                      |
| <b>DIVISION:</b>     | Communication Markets Division          |
| <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

#### 2.1. Hazard classification

Flammable Liquid: Category 4.

Serious Eye Damage/Irritation: Category 2A.

Respiratory Sensitizer: Category 1.

Skin Sensitizer: Category 1.

Specific Target Organ Toxicity (respiratory irritation): Category 3.

#### 2.2. Label elements

##### Signal word

Danger

##### Symbols

Exclamation mark | Health Hazard |

##### Pictograms



### Hazard Statements

Combustible liquid.

Causes serious eye irritation.

May cause allergy or asthma symptoms or breathing difficulties if inhaled.

May cause an allergic skin reaction.

May cause respiratory irritation.

### Precautionary Statements

#### Prevention:

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

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

Use only outdoors or in a well-ventilated area.

In case of inadequate ventilation wear respiratory protection.

Wear protective gloves and eye/face protection.

Wash thoroughly after handling.

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

#### Response:

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

If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician.

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 ON SKIN: Wash with plenty of soap and water.

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

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 container tightly closed.

Keep cool.

Store locked up.

#### Disposal:

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

### 2.3. Hazards not otherwise classified

Avoid eye and skin contact. If eyelids are bonded, do not force open. In case of skin bonding, quickly soak in warm water and avoid excessive force to free bonded area. May bond tissue rapidly. May cause thermal burns.

99% of the mixture consists of ingredients of unknown acute inhalation toxicity.

## SECTION 3: Composition/information on ingredients

| Ingredient | C.A.S. No. | % by Wt |
|------------|------------|---------|
|------------|------------|---------|

|   |             |         |
|---|-------------|---------|
| ETHYL CYANOACRYLATE                                 | 7085-85-0   | 85 - 90 |
| POLY(METHYL METHACRYLATE)                           | 9011-14-7   | 10 - 15 |
| SYNTHETIC AMORPHOUS SILICA, FUMED, CRYSTALLINE FREE | 112945-52-5 | 1 - 3   |
| PHTHALIC ANHYDRIDE                                  | 85-44-9     | 0.1 - 1 |
| HYDROQUINONE  | 123-31-9    | <= 0.1  |

## 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 flush skin with large amounts of cold water for at least 15 minutes. DO NOT ATTEMPT TO REMOVE MOLTEN MATERIAL. Cover affected area with a clean dressing. Get immediate medical attention.

#### Eye Contact:

Immediately flush eyes with large amounts of water for at least 15 minutes. DO NOT ATTEMPT TO REMOVE MOLTEN MATERIAL. Get immediate 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.

### 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 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

Avoid skin contact with hot material. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Avoid breathing dust/fume/gas/mist/vapors/spray. Do not get in eyes, on skin, or on clothing. Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Avoid release to the environment. Wash contaminated clothing before reuse. Avoid contact with oxidizing agents (eg. chlorine, chromic acid etc.)

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

Store in a well-ventilated place. Keep cool. Keep container tightly closed to prevent loss of stabilizing materials. Protect from sunlight. Store away from heat. Store away from acids. Store away from oxidizing agents. Store away from areas where product may come into contact with food or pharmaceuticals.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Occupational exposure limits

| Ingredient          | C.A.S. No.  | Agency | Limit type  | Additional Comments           |
|---------------------|-------------|--------|---|-------------------------------|
| SILICA, AMORPHOUS   | 112945-52-5 | OSHA   | TWA concentration:0.8 mg/m <sup>3</sup> ;TWA:20 millions of particles/cu. ft. |                               |
| HYDROQUINONE        | 123-31-9    | ACGIH  | TWA:1 mg/m <sup>3</sup>   | Dermal Sensitizer             |
| HYDROQUINONE        | 123-31-9    | CMRG   | STEL:4 mg/m <sup>3</sup>  |                               |
| HYDROQUINONE        | 123-31-9    | OSHA   | TWA:2 mg/m <sup>3</sup>   |                               |
| ETHYL CYANOACRYLATE | 7085-85-0   | ACGIH  | TWA:0.2 ppm   |                               |
| PHTHALIC ANHYDRIDE  | 85-44-9     | ACGIH  | TWA:1 ppm   | Dermal/Respiratory Sensitizer |
| PHTHALIC ANHYDRIDE  | 85-44-9     | OSHA   | TWA:12 mg/m <sup>3</sup> (2 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

Curing enclosures must be exhausted to outdoors or to a suitable emission control device. Use general dilution ventilation and/or local exhaust ventilation to control airborne exposures to below relevant Exposure Limits and/or control dust/fume/gas/mist/vapors/spray. If ventilation is not adequate, use respiratory protection equipment.

#### 8.2.2. Personal protective equipment (PPE)

### Eye/face protection

Select and use eye/face protection to prevent contact based on the results of an exposure assessment. The following eye/face protection(s) are recommended:

Full Face Shield

Indirect Vented Goggles

### Skin/hand protection

Select and use gloves and/or protective clothing approved to relevant local standards to prevent skin contact based on the results of an exposure assessment. Selection should be based on use factors such as exposure levels, concentration of the substance or mixture, frequency and duration, physical challenges such as temperature extremes, and other use conditions. Consult with your glove and/or protective clothing manufacturer for selection of appropriate compatible gloves/protective clothing. Do not wear cotton gloves. Note: Nitrile gloves may be worn over polymer laminate gloves to improve dexterity. Gloves made from the following material(s) are recommended: Polymer laminate

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

### Respiratory protection

An exposure assessment may be needed to decide if a respirator is required. If a respirator is needed, use respirators as part of a full respiratory protection program. Based on the results of the exposure assessment, select from the following respirator type(s) to reduce inhalation exposure:

Half facepiece or full facepiece air-purifying respirator suitable for organic vapors and particulates

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

### Thermal hazards

Wear heat insulating gloves when handling hot material to prevent thermal burns.

## 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>   | Liquid   |
| <b>Odor, Color, Grade:</b>       | Clear liquid sharp irritating odor.                      |
| <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>             | >=149 °C   |
| <b>Flash Point</b>               | 80 - 93.3 °C [ <i>Test Method:</i> Tagliabue Closed Cup] |
| <b>Evaporation rate</b>          | <i>No Data Available</i>                                 |
| <b>Flammability (solid, gas)</b> | Not Applicable   |
| <b>Flammable Limits(LEL)</b>     | 1.7 % volume [ <i>Details:</i> Phthalic anhydride]       |
| <b>Flammable Limits(UEL)</b>     | 10.5 % volume [ <i>Details:</i> Phthalic anhydride]      |
| <b>Vapor Pressure</b>            | <=0.2 mmHg   |
| <b>Vapor Pressure</b>            | Negligible [ <i>Details:</i> Less than 0.2 mm at 75F]    |
| <b>Vapor Density</b>             | 3 [ <i>Ref Std:</i> AIR=1]                               |
| <b>Vapor Density</b>             | <i>Not Applicable</i>                                    |
| <b>Density</b>                   | 1.05 g/ml [ <i>@</i> 23.9 °C]                            |
| <b>Specific Gravity</b>          | 1.05 [ <i>@</i> 23.9 °C] [ <i>Ref Std:</i> WATER=1]      |
| <b>Solubility in Water</b>       | Nil  |
| <b>Solubility- non-water</b>     | <i>No Data Available</i>                                 |

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

*No Data Available*

**Autoignition temperature**

485 °C

**Decomposition temperature**

*No Data Available*

**Viscosity**

*No Data Available*

**Volatile Organic Compounds**

20 g/l [*Test Method:* Estimated] [*Details:* (California SCAQMD Method 316B)]

## 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

Not determined

### 10.6. Hazardous decomposition products

#### Substance

Carbon monoxide

Carbon dioxide

#### Condition

At Elevated Temperatures

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.

Allergic Respiratory Reaction: Signs/symptoms may include difficulty breathing, wheezing, cough, and tightness of chest.

#### **Skin Contact:**

Bonds skin rapidly.

During heating:

Thermal Burns: Signs/symptoms may include intense pain, redness and swelling, and tissue destruction.

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:

Bonds eyelids rapidly.

During heating:

Thermal Burns: Signs/symptoms may include severe pain, redness and swelling, and tissue destruction.

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.

#### Toxicological Data

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

#### Acute Toxicity

| Name  | Route                          | Species | Value   |
|---|--------------------------------|---------|---|
| Overall product                                     | Dermal                         |         | No data available; calculated ATE > 5,000 mg/kg |
| Overall product                                     | Inhalation-Vapor(4 hr)         |         | No data available; calculated ATE > 50 mg/l     |
| Overall product                                     | Ingestion                      |         | No data available; calculated ATE > 5,000 mg/kg |
| ETHYL CYANOACRYLATE                                 | Dermal                         | Rabbit  | LD50 > 2,000 mg/kg                              |
| ETHYL CYANOACRYLATE                                 | Ingestion                      | Rat     | LD50 > 5,000 mg/kg                              |
| POLY(METHYL METHACRYLATE)                           | Dermal                         |         | LD50 estimated to be > 5,000 mg/kg              |
| POLY(METHYL METHACRYLATE)                           | 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                              |
| PHTHALIC ANHYDRIDE                                  | Dermal                         |         | estimated to be > 5,000 mg/kg                   |
| PHTHALIC ANHYDRIDE                                  | Inhalation-Dust/Mist           |         | estimated to be > 12.5 mg/l                     |
| PHTHALIC ANHYDRIDE                                  | Inhalation-Vapor               |         | estimated to be > 50 mg/l                       |
| PHTHALIC ANHYDRIDE                                  | Ingestion                      |         | estimated to be 300 - 2,000 mg/kg               |
| HYDROQUINONE  | Dermal                         | Rat     | LD50 > 4,800 mg/kg                              |
| HYDROQUINONE  | Ingestion                      | Rat     | LD50 302 mg/kg                                  |

ATE = acute toxicity estimate

#### Skin Corrosion/Irritation

| Name  | Species          | Value                     |
|---|------------------|---------------------------|
| ETHYL CYANOACRYLATE                                 | Rabbit           | Mild irritant             |
| POLY(METHYL METHACRYLATE)                           | Rabbit           | No significant irritation |
| SYNTHETIC AMORPHOUS SILICA, FUMED, CRYSTALLINE FREE | Rabbit           | No significant irritation |
| HYDROQUINONE  | Human and animal | Minimal irritation        |

#### Serious Eye Damage/Irritation

| Name                | Species | Value           |
|---------------------|---------|-----------------|
| ETHYL CYANOACRYLATE | Rabbit  | Severe irritant |

|   |        |                           |
|---|--------|---------------------------|
| POLY(METHYL METHACRYLATE)                           | Rabbit | Mild irritant             |
| SYNTHETIC AMORPHOUS SILICA, FUMED, CRYSTALLINE FREE | Rabbit | No significant irritation |
| HYDROQUINONE  |        | Severe irritant           |

#### Skin Sensitization

| Name  | Species          | Value  |
|---|------------------|--|
| ETHYL CYANOACRYLATE                                 | Human            | Some positive data exist, but the data are not sufficient for classification |
| SYNTHETIC AMORPHOUS SILICA, FUMED, CRYSTALLINE FREE | Human and animal | Not sensitizing  |
| HYDROQUINONE  | Guinea pig       | Sensitizing  |

#### Respiratory Sensitization

| Name                | Species | Value  |
|---------------------|---------|--|
| ETHYL CYANOACRYLATE | Human   | Some positive data exist, but the data are not sufficient for classification |

#### Germ Cell Mutagenicity

| Name  | Route    | Value  |
|---|----------|--|
| ETHYL CYANOACRYLATE                                 | In Vitro | Not mutagenic  |
| SYNTHETIC AMORPHOUS SILICA, FUMED, CRYSTALLINE FREE | In Vitro | Not mutagenic  |
| HYDROQUINONE  | In Vitro | Some positive data exist, but the data are not sufficient for classification |
| HYDROQUINONE  | In vivo  | Some positive data exist, but the data are not sufficient for classification |

#### Carcinogenicity

| Name  | Route         | Species                 | Value  |
|---|---------------|-------------------------|--|
| SYNTHETIC AMORPHOUS SILICA, FUMED, CRYSTALLINE FREE | Not Specified | Mouse                   | Some positive data exist, but the data are not sufficient for classification |
| HYDROQUINONE  | Dermal        | Mouse                   | Not carcinogenic   |
| HYDROQUINONE  | Ingestion     | Multiple animal species | 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    |
|---|-----------|--|---------|-----------------------|----------------------|
| SYNTHETIC AMORPHOUS SILICA, FUMED, CRYSTALLINE FREE | Ingestion | Not toxic to female reproduction   | Rat     | NOAEL 509 mg/kg/day   | 1 generation         |
| SYNTHETIC AMORPHOUS SILICA, FUMED, CRYSTALLINE FREE | Ingestion | Not toxic to male reproduction   | Rat     | NOAEL 497 mg/kg/day   | 1 generation         |
| SYNTHETIC AMORPHOUS SILICA, FUMED, CRYSTALLINE FREE | Ingestion | Not toxic to development   | Rat     | NOAEL 1,350 mg/kg/day | during organogenesis |
| HYDROQUINONE  | Ingestion | Not toxic to female reproduction   | Rat     | NOAEL 150 mg/kg/day   | 2 generation         |
| HYDROQUINONE  | Ingestion | Not toxic to male reproduction   | Rat     | NOAEL 150 mg/kg/day   | 2 generation         |
| HYDROQUINONE  | Ingestion | Some positive developmental data exist, but the data are not sufficient for classification | Rat     | NOAEL 100 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     |
|---------------------|------------|------------------------|----------------------------------|---------|---------------------|-----------------------|
| ETHYL CYANOACRYLATE | Inhalation | respiratory irritation | May cause respiratory irritation | Human   | NOAEL Not available | occupational exposure |



|              |           |                       |  |     |                     |                |
|--------------|-----------|-----------------------|--|-----|---------------------|----------------|
| HYDROQUINONE | Ingestion | nervous system        | May cause damage to organs   | Rat | NOAEL Not available | not applicable |
| HYDROQUINONE | Ingestion | kidney and/or bladder | Some positive data exist, but the data are not sufficient for classification | Rat | NOAEL 400 mg/kg     | not applicable |

#### Specific Target Organ Toxicity - repeated exposure

| Name  | Route      | Target Organ(s)                | Value  | Species | Test Result         | Exposure Duration     |
|---|------------|--------------------------------|--|---------|---------------------|-----------------------|
| SYNTHETIC AMORPHOUS SILICA, FUMED, CRYSTALLINE FREE | Inhalation | respiratory system   silicosis | All data are negative  | Human   | NOAEL Not available | occupational exposure |
| HYDROQUINONE  | Ingestion  | blood                          | Some positive data exist, but the data are not sufficient for classification | Rat     | NOAEL Not available | 40 days               |
| HYDROQUINONE  | Ingestion  | bone marrow   liver            | Some positive data exist, but the data are not sufficient for classification | Rat     | NOAEL Not available | 9 weeks               |
| HYDROQUINONE  | Ingestion  | kidney and/or bladder          | Some positive data exist, but the data are not sufficient for classification | Rat     | LOAEL 50 mg/kg/day  | 15 months             |
| HYDROQUINONE  | Ocular     | eyes                           | Some positive data exist, but the data are not sufficient for classification | Human   | NOAEL Not available | occupational exposure |

#### Aspiration Hazard

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

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

## SECTION 12: Ecological information

#### Ecotoxicological information

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

#### Chemical fate information

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

## SECTION 13: Disposal considerations

#### 13.1. Disposal methods

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

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

EPA Hazardous Waste Number (RCRA): Not regulated

## SECTION 14: Transport Information

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

## SECTION 15: Regulatory information

### 15.1. US Federal Regulations

Contact 3M for more information.

#### 311/312 Hazard Categories:

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

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> |
|--------------------|------------------|----------------|
| PHTHALIC ANHYDRIDE | 85-44-9          | 0.1 - 1        |

### 15.2. State Regulations

Contact 3M for more information.

### 15.3. Chemical Inventories

The components of this product are in compliance with the new substance notification requirements of CEPA.

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

### 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

### HMIS Hazard Classification

**Health: 2   Flammability: 2   Physical Hazard: 1   Personal Protection: X** - See PPE section.

Hazardous Material Identification System (HMIS® III) hazard ratings are designed to inform employees of chemical hazards in the workplace. These ratings are based on the inherent properties of the material under expected conditions of normal use and are not intended for use in emergency situations. HMIS® III ratings are to be used with a fully implemented HMIS® III program. HMIS® is a registered mark of the American Coatings Association (ACA).

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