



## Safety Data Sheet

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### SECTION 1: Identification

#### 1.1. Product identifier

3M™ Scotch-Weld™ Epoxy Potting Compound/Adhesive 270 Clear, Part A

#### Product Identification Numbers

ID Number                      UPC  
62-3362-8530-9

ID Number                      UPC  
UU-0129-6314-4

-11-2357-9, 7000028575

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

##### Recommended use

Structural adhesive

#### 1.3. Supplier's details

**MANUFACTURER:** 3M  
**DIVISION:** Industrial Adhesives and Tapes Division  
**ADDRESS:** 3M Center, St. Paul, MN 55144-1000, USA  
**Telephone:** 1-888-3M HELPS (1-888-364-3577)

#### 1.4. Emergency telephone number

1-800-364-3577 or (651) 737-6501 (24 hours)

### SECTION 2: Hazard identification

#### 2.1. Hazard classification

Acute Toxicity (oral): Category 4.  
Acute Toxicity (dermal): Category 3.  
Skin Corrosion/Irritation: Category 1B.  
Serious Eye Damage/Irritation: Category 1.  
Skin Sensitizer: Category 1.  
Specific Target Organ Toxicity (repeated exposure): Category 2.

#### 2.2. Label elements

##### Signal word

Danger

**Symbols**

Corrosion | Skull and crossbones | Exclamation mark | Health Hazard |

**Pictograms****Hazard Statements**

Harmful if swallowed.  
Toxic in contact with skin.  
Causes severe skin burns and eye damage.  
May cause an allergic skin reaction.

May cause damage to organs through prolonged or repeated exposure: blood or blood-forming organs | cardiovascular system | endocrine system | kidney/urinary tract | liver | musculoskeletal system.

**Precautionary statements****Prevention:**

Do not breathe vapors.  
Wash exposed skin thoroughly after handling.  
Do not eat, drink or smoke when using this product.  
Contaminated work clothing should not be allowed out of the workplace.  
Wear protective gloves, protective clothing, eye protection, and face protection.

**Response:**

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.  
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 exposed or concerned: Immediately call a POISON CENTER or doctor.  
Get medical attention if you feel unwell.  
If skin irritation or rash occurs: Get medical attention.  
Take off immediately all contaminated clothing and wash it before reuse.

**Storage:**

Store locked up.

**Disposal:**

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

**2.3. Hazards not otherwise classified**

May cause chemical gastrointestinal burns.

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

Ingredient	C.A.S. No.	% by Wt
Cashew Nut Shell Oil	8007-24-7	30 - 46 Trade Secret *
Amine Modified Epoxy Resin (NJTS Reg. No.04499600-7480)	Trade Secret*	25 - 35

4,4'-Methylenebis(2-methylcyclohexylamine)

6864-37-5

10 - 30 Trade Secret \*

NJTS or NJTSRN: New Jersey Trade Secret Registry Number.

\*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 flush with large amounts of water for at least 15 minutes. Remove contaminated clothing. Get immediate medical attention. Wash clothing before reuse.

#### Eye Contact:

Immediately flush with large amounts of water for at least 15 minutes. Remove contact lenses if easy to do. Continue rinsing. Immediately get medical attention.

#### If Swallowed:

Rinse mouth. Do not induce vomiting. Get immediate medical attention.

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

Toxic in contact with skin. Skin burns (localized redness, swelling, itching, intense pain, blistering, and tissue destruction). Allergic skin reaction (redness, swelling, blistering, and itching). Serious damage to the eyes (corneal cloudiness, severe pain, tearing, ulcerations, and significantly impaired or loss of vision). Target organ effects following prolonged or repeated exposure. See Section 11 for additional details.

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

Not applicable

## SECTION 5: Fire-fighting measures

### 5.1. Suitable extinguishing media

In case of fire: Use a fire fighting agent suitable for ordinary combustible material such as water or foam to extinguish.

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

None inherent in this product.

### Hazardous Decomposition or By-Products

#### Substance

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. Use personal protective equipment based on the results of an exposure assessment. Refer to Section 8 for PPE recommendations. If anticipated exposure resulting from an accidental release exceeds the protective capabilities of the PPE listed in Section 8, or are unknown, select PPE that offers an appropriate level of protection. Consider the physical and chemical hazards of the material when doing so. Examples of PPE ensembles for emergency response could include wearing bunker gear for a release of flammable material; wearing chemical protective clothing if the spilled material is a corrosive, a sensitizer, a significant dermal irritant, or can be absorbed through the skin; or donning a positive pressure supplied-air respirator for chemicals with inhalation hazards. For information regarding physical and health hazards, refer to sections 2 and 11 of the SDS.

## 6.2. Environmental precautions

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

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

Contain spill. Working from around the edges of the spill inward, cover with bentonite, vermiculite, or commercially available inorganic absorbent material. Mix in sufficient absorbent until it appears dry. Remember, adding an absorbent material does not remove a physical, health, or environmental hazard. Collect as much of the spilled material as possible. Place in a closed container approved for transportation by appropriate authorities. Clean up residue with an appropriate solvent selected by a qualified and authorized person. Ventilate the area with fresh air. Read and follow safety precautions on the solvent label and SDS. Seal the container. Dispose of collected material as soon as possible in accordance with applicable local/regional/national/international regulations.

# SECTION 7: Handling and storage

## 7.1. Precautions for safe handling

For industrial/occupational use only. Not for consumer sale or use. 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.)

## 7.2. Conditions for safe storage including any incompatibilities

Store away from acids. Store away from strong bases. Store away from oxidizing agents.

# SECTION 8: Exposure controls/personal protection

## 8.1. Control parameters

### Occupational exposure limits

No occupational exposure limit values exist for any of the components listed in Section 3 of this SDS.

## 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:

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.

For prolonged or repeated contact, gloves made from the following material(s) are recommended (breakthrough times are >4 hours): Butyl Rubber, Neoprene, Nitrile Rubber

Any glove recommended for prolonged/repeated contact is also suitable for short-term/splash contact.

If this product is used in a manner that presents a higher potential for exposure (e.g., spraying, high splash potential, etc.), then use of a protective apron may be necessary. See recommended glove material(s) for determining appropriate apron material(s). If a glove material is not available as an apron, polymer laminate is a suitable option.

**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

Half facepiece or full facepiece supplied-air respirator

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

**SECTION 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties**

<b>Physical state</b>	Liquid
<b>Specific Physical Form:</b>	viscous liquid
<b>Color</b>	Amber
<b>Odor</b>	Pungent Odor, Very Mild Amine
<b>Odor threshold</b>	<i>No Data Available</i>
<b>pH</b>	<i>Not Applicable</i>
<b>Melting point/Freezing point</b>	<i>Not Applicable</i>
<b>Boiling point/Initial boiling point/Boiling range</b>	$\geq 171.1$ °C
<b>Flash Point</b>	$\geq 93.3$ °C [Test Method: Closed Cup]
<b>Evaporation rate</b>	<i>No Data Available</i>
<b>Flammability</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>	$\leq 3.0$ mmHg [@ 68 °F]
<b>Relative Vapor Density</b>	3.72 [Ref Std: AIR=1]
<b>Density</b>	1 g/ml
<b>Relative Density</b>	1.09 [Ref Std: WATER=1]
<b>Water solubility</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>Kinematic Viscosity</b>	15,000 mm <sup>2</sup> /sec
<b>Volatile Organic Compounds</b>	No Data Available
<b>Percent volatile</b>	No Data Available
<b>VOC Less H<sub>2</sub>O &amp; Exempt Solvents</b>	No Data Available
<b>Molecular weight</b>	No Data Available

<b>Particle Characteristics</b>	Not Applicable
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## SECTION 10: Stability and reactivity

### 10.1. Reactivity

This material may be reactive with certain agents under certain conditions - see the remaining headings in this section.

### 10.2. Chemical stability

Stable.

### 10.3. Possibility of hazardous reactions

Hazardous polymerization will not occur.

### 10.4. Conditions to avoid

Heat is generated during cure. Do not cure a mass larger than 50 grams in a confined space to prevent a premature exothermic reaction with production of intense heat and smoke.

### 10.5. Incompatible materials

Strong bases

Strong acids

Strong oxidizing agents

### 10.6. Hazardous decomposition products

<u>Substance</u>	<u>Condition</u>
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None known.	
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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.

#### Skin Contact:

Toxic in contact with skin. Corrosive (Skin Burns): Signs/symptoms may include localized redness, swelling, itching,

intense pain, blistering, ulceration, and tissue destruction.

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

#### Eye Contact:

Corrosive (Eye Burns): Signs/symptoms may include cloudy appearance of the cornea, chemical burns, severe pain, tearing, ulcerations, significantly impaired vision or complete loss of vision.

#### Ingestion:

Harmful if swallowed. Gastrointestinal Corrosion: Signs/symptoms may include severe mouth, throat and abdominal pain; nausea; vomiting; and diarrhea; blood in the feces and/or vomitus may also be seen.

May cause additional health effects (see below).

#### Additional Health Effects:

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

Cardiac Effects: Signs/symptoms may include irregular heartbeat (arrhythmia), changes in heart rate, damage to heart muscle, heart attack, and may be fatal.

Hematopoietic Effects: Signs/symptoms may include generalized weakness, fatigue and alterations in numbers of circulating blood cells.

Liver Effects: Signs/symptoms may include loss of appetite, weight loss, fatigue, weakness, abdominal tenderness and jaundice.

Muscular Effects: Signs/symptoms may include generalized muscle weakness, paralysis and atrophy.

Endocrine Effects: Signs/symptoms may include disruption of gonadal, thyroid, adrenal, or pancreatic function; changes in hormone production; alterations in circulating hormone levels; and/or changes in tissue response to hormones.

Kidney/Bladder Effects: Signs/symptoms may include changes in urine production, abdominal or lower back pain, increased protein in urine, increased blood urea nitrogen (BUN), blood in urine, and painful urination.

#### 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 >200 - =1,000 mg/kg
Overall product	Ingestion		No data available; calculated ATE >300 - =2,000 mg/kg
Cashew Nut Shell Oil	Dermal	Rat	LD50 > 2,000 mg/kg
Cashew Nut Shell Oil	Ingestion	Rat	LD50 > 2,000 mg/kg
4,4'-Methylenebis(2-methylcyclohexylamine)	Dermal	Rabbit	LD50 > 200 mg/kg
4,4'-Methylenebis(2-methylcyclohexylamine)	Inhalation-Dust/Mist (4 hours)	Rat	LC50 0.42 mg/l
4,4'-Methylenebis(2-methylcyclohexylamine)	Ingestion	Rat	LD50 > 320 mg/kg

ATE = acute toxicity estimate

#### Skin Corrosion/Irritation

Name	Species	Value
Cashew Nut Shell Oil	Rabbit	Irritant
4,4'-Methylenebis(2-methylcyclohexylamine)	Rabbit	Corrosive

**Serious Eye Damage/Irritation**

Name	Species	Value
Cashew Nut Shell Oil	Rabbit	Corrosive
4,4'-Methylenebis(2-methylcyclohexylamine)	Rabbit	Corrosive

**Skin Sensitization**

Name	Species	Value
Cashew Nut Shell Oil	Multiple animal species	Sensitizing
4,4'-Methylenebis(2-methylcyclohexylamine)	Guinea pig	Not classified

**Respiratory Sensitization**

For the component/components, either no data are currently available or the data are not sufficient for classification.

**Germ Cell Mutagenicity**

Name	Route	Value
Cashew Nut Shell Oil	In Vitro	Not mutagenic
4,4'-Methylenebis(2-methylcyclohexylamine)	In Vitro	Not mutagenic

**Carcinogenicity**

For the component/components, either no data are currently available or the data are not sufficient for classification.

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

Name	Route	Value	Species	Test Result	Exposure Duration
Cashew Nut Shell Oil	Ingestion	Not classified for female reproduction	Rat	NOAEL 1,000 mg/kg/day	premating into lactation
Cashew Nut Shell Oil	Ingestion	Not classified for male reproduction	Rat	NOAEL 1,000 mg/kg/day	28 days
Cashew Nut Shell Oil	Ingestion	Not classified for development	Rat	NOAEL 1,000 mg/kg/day	premating into lactation
4,4'-Methylenebis(2-methylcyclohexylamine)	Ingestion	Not classified for female reproduction	Rat	NOAEL 1.5 mg/kg/day	1 generation
4,4'-Methylenebis(2-methylcyclohexylamine)	Ingestion	Not classified for male reproduction	Rat	NOAEL 1.5 mg/kg/day	1 generation
4,4'-Methylenebis(2-methylcyclohexylamine)	Ingestion	Not classified for development	Rat	NOAEL 45 mg/kg/day	during gestation

**Target Organ(s)****Specific Target Organ Toxicity - single exposure**

Name	Route	Target Organ(s)	Value	Species	Test Result	Exposure Duration
Cashew Nut Shell Oil	Inhalation	respiratory irritation	Some positive data exist, but the data are not sufficient for classification	similar health hazards	NOAEL Not available	
4,4'-Methylenebis(2-methylcyclohexylamine)	Inhalation	respiratory irritation	Some positive data exist, but the data are not sufficient for classification	Rat	NOAEL Not available	

**Specific Target Organ Toxicity - repeated exposure**

Name	Route	Target Organ(s)	Value	Species	Test Result	Exposure Duration
Cashew Nut Shell Oil	Ingestion	hematopoietic	Not classified	Rat	NOAEL	28 days



		system			1,000 mg/kg/day	
Cashew Nut Shell Oil	Ingestion	liver	Not classified	Rat	NOAEL 1,000 mg/kg/day	28 days
Cashew Nut Shell Oil	Ingestion	immune system	Not classified	Rat	NOAEL 1,000 mg/kg/day	28 days
Cashew Nut Shell Oil	Ingestion	respiratory system	Not classified	Rat	NOAEL 1,000 mg/kg/day	28 days
Cashew Nut Shell Oil	Ingestion	nervous system	Not classified	Rat	NOAEL 1,000 mg/kg/day	28 days
4,4'-Methylenebis(2-methylcyclohexylamine)	Inhalation	endocrine system	Not classified	Rat	NOAEL 0.048 mg/l	3 months
4,4'-Methylenebis(2-methylcyclohexylamine)	Inhalation	hematopoietic system	Not classified	Rat	NOAEL 0.048 mg/l	3 months
4,4'-Methylenebis(2-methylcyclohexylamine)	Inhalation	liver	Not classified	Rat	NOAEL 0.048 mg/l	3 months
4,4'-Methylenebis(2-methylcyclohexylamine)	Inhalation	kidney and/or bladder	Not classified	Rat	NOAEL 0.048 mg/l	3 months
4,4'-Methylenebis(2-methylcyclohexylamine)	Inhalation	respiratory system	Not classified	Rat	NOAEL 0.048 mg/l	3 months
4,4'-Methylenebis(2-methylcyclohexylamine)	Inhalation	skin	Not classified	Human	NOAEL Not available	occupational exposure
4,4'-Methylenebis(2-methylcyclohexylamine)	Inhalation	heart	Not classified	Rat	NOAEL 0.048 mg/l	3 months
4,4'-Methylenebis(2-methylcyclohexylamine)	Inhalation	gastrointestinal tract	Not classified	Rat	NOAEL 0.048 mg/l	3 months
4,4'-Methylenebis(2-methylcyclohexylamine)	Inhalation	bone, teeth, nails, and/or hair	Not classified	Rat	NOAEL 0.048 mg/l	3 months
4,4'-Methylenebis(2-methylcyclohexylamine)	Inhalation	immune system	Not classified	Rat	NOAEL 0.048 mg/l	3 months
4,4'-Methylenebis(2-methylcyclohexylamine)	Inhalation	muscles	Not classified	Rat	NOAEL 0.048 mg/l	3 months
4,4'-Methylenebis(2-methylcyclohexylamine)	Inhalation	nervous system	Not classified	Rat	NOAEL 0.048 mg/l	3 months
4,4'-Methylenebis(2-methylcyclohexylamine)	Inhalation	eyes	Not classified	Rat	NOAEL 0.048 mg/l	3 months
4,4'-Methylenebis(2-methylcyclohexylamine)	Inhalation	vascular system	Not classified	Rat	NOAEL 0.048 mg/l	3 months
4,4'-Methylenebis(2-methylcyclohexylamine)	Ingestion	muscles	May cause damage to organs though prolonged or repeated exposure	Rat	NOAEL 5 mg/kg/day	3 months
4,4'-Methylenebis(2-methylcyclohexylamine)	Ingestion	heart	May cause damage to organs though prolonged or repeated exposure	Rat	NOAEL 2.5 mg/kg/day	3 months
4,4'-Methylenebis(2-methylcyclohexylamine)	Ingestion	kidney and/or bladder	May cause damage to organs though prolonged or repeated exposure	Rat	NOAEL 2.5 mg/kg/day	3 months
4,4'-Methylenebis(2-methylcyclohexylamine)	Ingestion	endocrine system	May cause damage to organs though prolonged or repeated exposure	Rat	NOAEL 12 mg/kg/day	3 months
4,4'-Methylenebis(2-methylcyclohexylamine)	Ingestion	hematopoietic system	May cause damage to organs though prolonged or repeated exposure	Rat	NOAEL 12 mg/kg/day	3 months
4,4'-Methylenebis(2-methylcyclohexylamine)	Ingestion	liver	May cause damage to organs though prolonged or repeated exposure	Rat	NOAEL 12 mg/kg/day	3 months
4,4'-Methylenebis(2-methylcyclohexylamine)	Ingestion	gastrointestinal tract	Not classified	Rat	NOAEL 5 mg/kg/day	3 months
4,4'-Methylenebis(2-methylcyclohexylamine)	Ingestion	immune system	Not classified	Rat	NOAEL 5 mg/kg/day	3 months
4,4'-Methylenebis(2-methylcyclohexylamine)	Ingestion	nervous system	Not classified	Rat	NOAEL 5 mg/kg/day	3 months
4,4'-Methylenebis(2-methylcyclohexylamine)	Ingestion	eyes	Not classified	Rat	NOAEL 5 mg/kg/day	3 months

methylcyclohexylamine)					mg/kg/day	
4,4'-Methylenebis(2-methylcyclohexylamine)	Ingestion	respiratory system	Not classified	Rat	NOAEL 5 mg/kg/day	3 months

**Aspiration Hazard**

For the component/components, either no data are currently available or the data are not sufficient for classification.

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 completely cured (or polymerized) material in a permitted industrial waste facility. As a disposal alternative, incinerate uncured product 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.

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.

**EPCRA 311/312 Hazard Classifications:****Physical Hazards**

Not Applicable.

**Health Hazards**

Acute toxicity

Hazard Not Otherwise Classified (HNOC)

Respiratory or Skin Sensitization

Serious eye damage or eye irritation
Skin Corrosion or Irritation
Specific target organ toxicity (single or repeated exposure)

## 15.2. State Regulations

Contact 3M for more information.

## 15.3. Chemical Inventories

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.
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## SECTION 16: Other information

### NFPA Hazard Classification

**Health:** 3 **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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