

# **Safety Data Sheet**

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# **SECTION 1: Identification**

### 1.1. Product identifier

3M<sup>TM</sup> Scotchcast<sup>TM</sup> One-Step Splint

#### **Product Identification Numbers**

FH-5000-3943-0, FH-5000-3944-8, FH-5000-3986-7, YP-2060-4000-5, YP-2060-4001-3, YP-2060-4002-1, YP-2060-4003-9, YP-2060-4004-7, YP-2060-4005-4, YP-2060-4006-2

## 1.2. Recommended use and restrictions on use

### Recommended use

Splint for orthopedic use, Immobilization of upper and lower extremities

1.3. Supplier's details

**MANUFACTURER:** 3M

**DIVISION:** 3M Poland

Infection Prevention 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

Serious Eye Damage/Irritation: Category 2A.

Skin Corrosion/Irritation: Category 2. Respiratory Sensitizer: Category 1.

Skin Sensitizer: Category 1.

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

#### 2.2. Label elements

## Signal word

Danger

### **Symbols**

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Health Hazard |

### **Pictograms**



### **Hazard Statements**

Causes serious eye irritation.

Causes skin irritation.

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

May cause an allergic skin reaction.

Causes damage to organs through prolonged or repeated exposure:

respiratory system

## **Precautionary Statements**

#### **Prevention:**

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

In case of inadequate ventilation wear respiratory protection.

Wear protective gloves and eye/face protection.

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

Wash thoroughly after handling.

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

## **Response:**

IF INHALED: If breathing is difficult, 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.

Take off contaminated clothing and wash it before reuse.

Get medical advice/attention if you feel unwell.

### Disposal:

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

22% of the mixture consists of ingredients of unknown acute oral toxicity.

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

Ingredient	C.A.S. No.	% by Wt
OXIDE GLASS CHEMICALS	65997-17-3	40 - 70
P,P'-Methylenebis(phenyl isocyanate)	101-68-8	7 - 13 Trade Secret *
BENZENE, 1,1'-METHYLENEBIS[ISOCYANATO-,	39310-05-9	1 - 10
HOMOPOLYMER		
POLYURETHANE FOAM	9009-54-5	1 - 10
POLYETHER POLYOL	Trade Secret*	1 - 10
POLYETHYLENE GLYCOL MONOOLEYL ETHER	9004-98-2	1 - 5 Trade Secret *

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OXIRANE, POLYMER WITH METHYLOXIRANE, ETHER WITH 1,2-PROPANEDIOL (2:1)	Trade Secret*	1 - 5
Diphenylmethane-2,4'-diisocyanate	5873-54-1	0.5 - 2.5 Trade Secret *
POLY(ETHYLENE TEREPHTHALATE)	25038-59-9	0.5 - 2.5
Wollastonite	13983-17-0	0.5 - 2.5
Fluorocarbon polymer	Trade Secret*	0.5 - 2.5
Polyol-ether	Trade Secret*	0.5 - 2.5
Acrylic Adhesive	Trade Secret*	0.5 - 1.5

<sup>\*</sup>The specific chemical identity and/or exact percentage (concentration) of this composition has been withheld as a trade secret.

# **SECTION 4: First aid measures**

## 4.1. Description of first aid measures

### **Inhalation:**

Remove person to fresh air. If you feel unwell, get medical attention.

#### **Skin Contact:**

Immediately wash with soap and water. Remove contaminated clothing and wash before reuse. If signs/symptoms develop, get medical attention.

### **Eye Contact:**

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

### If Swallowed:

Rinse mouth. If you feel unwell, get medical attention.

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

See Section 11.1. Information on toxicological effects.

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

Not applicable

# **SECTION 5: Fire-fighting measures**

### 5.1. Suitable extinguishing media

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

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

None inherent in this product.

## **Hazardous Decomposition or By-Products**

<b>Substance</b>	<b>Condition</b>
Carbon monoxide	During Combustion
Carbon dioxide	During Combustion
Hydrogen Cyanide	During Combustion
Oxides of Nitrogen	During Combustion

## 5.3. Special protective actions for fire-fighters

No special protective actions for fire-fighters are anticipated.

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# **SECTION 6: Accidental release measures**

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

Evacuate area. Ventilate the area with fresh air. For large spill, or spills in confined spaces, provide mechanical ventilation to disperse or exhaust vapors, in accordance with good industrial hygiene practice. Refer to other sections of this SDS for information regarding physical and health hazards, respiratory protection, ventilation, and personal protective equipment.

## 6.2. Environmental precautions

Avoid release to the environment.

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

Collect as much of the spilled material as possible. Place in a container approved for transportation by appropriate authorities, but do not seal the container for 48 hours to avoid pressure build-up. Clean up residue. 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 or professional use only. 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. 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 heat. Store away from strong bases. Store away from oxidizing agents.

# **SECTION 8: Exposure controls/personal protection**

### 8.1. Control parameters

### Occupational exposure limits

If a component is disclosed in section 3 but does not appear in the table below, an occupational exposure limit is not available for the component.

Ingredient	C.A.S. No.	Agency	Limit type	Additional Comments
P,P'-Methylenebis(phenyl	101-68-8	ACGIH	TWA:0.005 ppm	
isocyanate)				
P,P'-Methylenebis(phenyl	101-68-8	OSHA	CEIL:0.2 mg/m3(0.02 ppm)	
isocyanate)				
CERAMIC FIBERS	65997-17-3	ACGIH	TWA(as fiber):0.2 fiber/cc	A2: Suspected human
				carcin.
CONTINUOUS FILAMENT	65997-17-3	ACGIH	TWA(as fiber):1 fiber/cc	A4: Not class. as human
GLASS FIBERS				carcin
CONTINUOUS FILAMENT	65997-17-3	ACGIH	TWA(inhalable fraction):5	A4: Not class. as human
GLASS FIBERS, INHALABLE			mg/m3	carcin
FRACTION				
GLASS WOOL FIBERS	65997-17-3	ACGIH	TWA(as fiber):1 fiber/cc	A3: Confirmed animal
				carcin.
ROCK WOOL FIBERS	65997-17-3	ACGIH	TWA(as fiber):1 fiber/cc	A3: Confirmed animal
				carcin.
SLAG WOOL FIBERS	65997-17-3	ACGIH	TWA(as fiber):1 fiber/cc	A3: Confirmed animal
				carcin.
SPECIAL PURPOSE GLASS	65997-17-3	ACGIH	TWA(as fiber):1 fiber/cc	A3: Confirmed animal

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FIBERS carcin.

ACGIH: American Conference of Governmental Industrial Hygienists

AIHA: American Industrial Hygiene Association

CMRG: Chemical Manufacturer's Recommended Guidelines

OSHA: United States Department of Labor - Occupational Safety and Health Administration

TWA: Time-Weighted-Average STEL: Short Term Exposure Limit

CEIL: Ceiling

### 8.2. Exposure controls

### 8.2.1. Engineering controls

Use general dilution ventilation and/or local exhaust ventilation to control airborne exposures to below relevant Exposure Limits and/or control dust/fume/gas/mist/vapors/spray. If ventilation is not adequate, use respiratory protection equipment.

### 8.2.2. Personal protective equipment (PPE)

## Eye/face protection

During cleanup or disposal of large amounts of product:

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

For application specialists in Health Care facilities protective gloves are not necessary while applying the product. Care should be exercised not to contact unprotected, uncured areas of the product created by trimming or removal of the fabric or felt covering. Exposed surfaces should be free of monomer and polymer isocyanate within 30 minutes when proper wetting techniques are used.

### Respiratory protection

Odor, Color, Grade:

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: Results from air sampling during simulated product application show that vapours of methylenediphenyl-diisocyanate as used in the product are not detectable during use in Health Care facility cast rooms. Detection limits were extremely low and far below international safety recommendations for working with isocyanates. Under normal use conditions, airborne exposures are not expected to be significant enough to require respiratory protection. People with bronchial problems or with isocyanate sensitivity may still respond to low isocyanate concentrations. In general it is recommended to use synthetic casting material in rooms with normal general/dilution ventilation

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

General Physical Form: Solid

**Specific Physical Form:** Fiberglass knitted backing tape impregnated with moisture

curable polyurethane prepolymer resin and covered one side by

foam and other by PET-nonwoven White/yellow color; slight odor

**Odor threshold** *No Data Available* 

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pН Not Applicable Melting point No Data Available **Boiling Point** Not Applicable **Flash Point** Not Applicable Not Applicable **Evaporation rate** Flammability (solid, gas) Not Classified Flammable Limits(LEL) Not Applicable Flammable Limits(UEL) Not Applicable Not Applicable **Vapor Pressure** Vapor Density Not Applicable **Density** No Data Available **Specific Gravity** Not Applicable

Solubility in Water Nil

Solubility- non-waterNo Data AvailablePartition coefficient: n-octanol/ waterNo Data AvailableAutoignition temperatureNo Data AvailableDecomposition temperatureNo Data Available

**Viscosity** 35,000 - 65,000 centipoise [@ 73.4 °F]

Hazardous Air PollutantsNo Data AvailableVolatile Organic CompoundsNo Data AvailablePercent volatileNot ApplicableVOC Less H2O & Exempt SolventsNo Data Available

# **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

# 10.5. Incompatible materials

Alcohols Strong bases Strong oxidizing agents

# 10.6. Hazardous decomposition products

**Substance Condition** 

None known.

Refer to section 5.2 for hazardous decomposition products during combustion.

# **SECTION 11: Toxicological information**

The information below may not be consistent with the material classification in Section 2 if specific ingredient classifications are mandated by a competent authority. In addition, toxicological data on ingredients may not be

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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.

Dust from cutting, grinding, sanding or machining may cause irritation of the respiratory system. 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. Allergic Skin Reaction (non-photo induced): Signs/symptoms may include redness, swelling, blistering, and itching.

### **Eye Contact:**

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

Dust created by cutting, grinding, sanding, or machining may cause eye irritation. Signs/symptoms may include redness, swelling, pain, tearing, and blurred or hazy vision.

### **Ingestion:**

May be harmful if swallowed.

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

### **Additional Health Effects:**

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

Respiratory Effects: Signs/symptoms may include cough, shortness of breath, chest tightness, wheezing, increased heart rate, bluish colored skin (cyanosis), sputum production, changes in lung function tests, and/or respiratory failure.

## Carcinogenicity:

<u>Ingredient</u>	CAS No.	Class Description	Regulation
Generic: CERAMIC FIBERS	65997-17-3	Grp. 2B: Possible human carc.	International Agency for Research on Cancer
Generic: CERAMIC FIBERS	65997-17-3	Anticipated human carcinogen	National Toxicology Program Carcinogens
Generic: GLASS FILAMENTS	65997-17-3	Anticipated human carcinogen	National Toxicology Program Carcinogens

### **Additional Information:**

Persons previously sensitized to isocyanates may develop a cross-sensitization reaction to other isocyanates.

Results from air sampling for simulated dry and wet product application show that vapours of methylenediphenyl-diisocyanate as used in the product are not detectable during use. Detection limits were extremely low and far below international safety recommendations for working with isocyanates. People with bronchial problems or with isocyanate sensitivity may still respond to low isocyanate concentrations.

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Direct contact with the cast surface without the use of gloves should be avoided until curing has completed. The cast surface should be free of monomer and polymer isocyanate within 30 minutes when proper wetting techniques are used.

## **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	Ingestion		No data available; calculated ATE2,000 - 5,000 mg/kg
OXIDE GLASS CHEMICALS	Dermal		LD50 estimated to be > 5,000 mg/kg
OXIDE GLASS CHEMICALS	Ingestion		LD50 estimated to be 2,000 - 5,000 mg/kg
P,P'-Methylenebis(phenyl isocyanate)	Dermal	Rabbit	LD50 > 5,000 mg/kg
P,P'-Methylenebis(phenyl isocyanate)	Inhalation- Dust/Mist (4 hours)	Rat	LC50 0.368 mg/l
P,P'-Methylenebis(phenyl isocyanate)	Ingestion	Rat	LD50 31,600 mg/kg
POLYETHYLENE GLYCOL MONOOLEYL ETHER	Dermal		LD50 estimated to be > 5,000 mg/kg
POLYETHYLENE GLYCOL MONOOLEYL ETHER	Ingestion	Rat	LD50 estimated to be > 5,000 mg/kg
Polyol-ether	Dermal	Rat	LD50 > 2,000 mg/kg
Polyol-ether	Inhalation- Dust/Mist (4 hours)	Rat	LC50 > 50 mg/l
Polyol-ether	Ingestion	Rat	LD50 4,600 mg/kg
POLY(ETHYLENE TEREPHTHALATE)	Dermal		LD50 estimated to be > 5,000 mg/kg
POLY(ETHYLENE TEREPHTHALATE)	Ingestion	Rat	LD50 > 5,000 mg/kg
Diphenylmethane-2,4'-diisocyanate	Dermal	Rabbit	LD50 > 5,000 mg/kg
Diphenylmethane-2,4'-diisocyanate	Inhalation- Dust/Mist (4 hours)	Rat	LC50 0.368 mg/l
Diphenylmethane-2,4'-diisocyanate	Ingestion	Rat	LD50 31,600 mg/kg
Wollastonite	Dermal		LD50 estimated to be > 5,000 mg/kg
Wollastonite	Ingestion		LD50 estimated to be 2,000 - 5,000 mg/kg
Fluorocarbon polymer	Dermal		LD50 estimated to be > 5,000 mg/kg
Fluorocarbon polymer	Ingestion		LD50 estimated to be 2,000 - 5,000 mg/kg

ATE = acute toxicity estimate

## Skin Corrosion/Irritation

Name	Species	Value
OXIDE GLASS CHEMICALS	Professio	No significant irritation
	nal	
	judgeme	
	nt	
P,P'-Methylenebis(phenyl isocyanate)	official	Irritant
	classifica	
	tion	
POLYETHYLENE GLYCOL MONOOLEYL ETHER	Rabbit	Irritant
Polyol-ether	Rabbit	No significant irritation
POLY(ETHYLENE TEREPHTHALATE)	Human	No significant irritation
Diphenylmethane-2,4'-diisocyanate	official	Irritant
	classifica	
	tion	

Serious Eye Damage/Irritation

Name	Species	Value
OXIDE GLASS CHEMICALS	Professio nal	No significant irritation

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	judgeme nt	
P,P'-Methylenebis(phenyl isocyanate)	official classifica tion	Severe irritant
POLYETHYLENE GLYCOL MONOOLEYL ETHER	Rabbit	Severe irritant
Polyol-ether Polyol-ether	Rabbit	Mild irritant
POLY(ETHYLENE TEREPHTHALATE)	Human	No significant irritation
Diphenylmethane-2,4'-diisocyanate	official classifica tion	Severe irritant

# **Skin Sensitization**

Name	Species	Value
Overall product	Guinea	Not classified
	pig	
P,P'-Methylenebis(phenyl isocyanate)	official	Sensitizing
	classifica	
	tion	
POLYETHYLENE GLYCOL MONOOLEYL ETHER	Human	Not classified
POLY(ETHYLENE TEREPHTHALATE)	Human	Not classified
Diphenylmethane-2,4'-diisocyanate	official	Sensitizing
	classifica	
	tion	

**Respiratory Sensitization** 

Name	Species	Value
P,P'-Methylenebis(phenyl isocyanate)	Human	Sensitizing
Diphenylmethane-2,4'-diisocyanate	Human	Sensitizing

Germ Cell Mutagenicity

Germ Cen Mutagementy		
Name	Route	Value
OXIDE GLASS CHEMICALS	In Vitro	Some positive data exist, but the data are not sufficient for classification
P,P'-Methylenebis(phenyl isocyanate)	In Vitro	Some positive data exist, but the data are not sufficient for classification
POLY(ETHYLENE TEREPHTHALATE)	In Vitro	Not mutagenic
Diphenylmethane-2,4'-diisocyanate	In Vitro	Some positive data exist, but the data are not sufficient for classification
Wollastonite	In Vitro	Not mutagenic

Carcinogenicity

ear emogementy			
Name	Route	Species	Value
OXIDE GLASS CHEMICALS	Inhalation	Multiple animal species	Some positive data exist, but the data are not sufficient for classification
P,P'-Methylenebis(phenyl isocyanate)	Inhalation	Rat	Some positive data exist, but the data are not sufficient for classification
Diphenylmethane-2,4'-diisocyanate	Inhalation	Rat	Some positive data exist, but the data are not sufficient for classification

# **Reproductive Toxicity**

Reproductive and/or Developmental Effects

reproductive and/or Developmenta	- Elicets				
Name	Route	Value	Species	Test Result	Exposure Duration
P,P'-Methylenebis(phenyl isocyanate)	Inhalation	Not classified for development	Rat	NOAEL 0.004 mg/l	during organogenesi s
Diphenylmethane-2,4'-diisocyanate	Inhalation	Not classified for development	Rat	NOAEL 0.004 mg/l	during organogenesi

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## Target Organ(s)

Specific Target Organ Toxicity - single exposure

Name	Route	Target Organ(s)	Value	Species	Test Result	Exposure Duration
P,P'-Methylenebis(phenyl isocyanate)	Inhalation	respiratory irritation	May cause respiratory irritation	official classifica tion	NOAEL Not available	
Diphenylmethane-2,4'-diisocyanate	Inhalation	respiratory irritation	May cause respiratory irritation	official classifica	NOAEL Not available	

**Specific Target Organ Toxicity - repeated exposure** 

Name	Route	Target Organ(s)	Value	Species	Test Result	Exposure Duration
OXIDE GLASS CHEMICALS	Inhalation	respiratory system	Not classified	Human	NOAEL not available	occupational exposure
P,P'-Methylenebis(phenyl isocyanate)	Inhalation	respiratory system	Causes damage to organs through prolonged or repeated exposure	Rat	LOAEL 0.004 mg/l	13 weeks
POLYETHYLENE GLYCOL MONOOLEYL ETHER	Ingestion	hematopoietic system	Not classified	Rat	NOAEL 2,500 mg/kg/day	90 days
POLYETHYLENE GLYCOL MONOOLEYL ETHER	Ingestion	liver	Not classified	Dog	NOAEL 875 mg/kg/day	90 days
POLY(ETHYLENE TEREPHTHALATE)	Ingestion	heart   skin   endocrine system   bone, teeth, nails, and/or hair   hematopoietic system   liver   immune system   muscles   nervous system   eyes   kidney and/or bladder   respiratory system	Not classified	Rat	NOAEL Not available	13 weeks
Diphenylmethane-2,4'-diisocyanate	Inhalation	respiratory system	Causes damage to organs through prolonged or repeated exposure	Rat	LOAEL 0.004 mg/l	13 weeks
Wollastonite	Inhalation	respiratory system	Not classified	Human	NOAEL Not available	occupational exposure
Wollastonite	Inhalation	pulmonary fibrosis	Not classified	Human and animal	NOAEL Not available	

### **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

riease contact the address of phone number listed on the first page of the 303 for additional chemical rate information on this materia

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. If no other disposal options are available, waste product that has been completely cured or polymerized may be placed in a landfill properly designed for industrial waste. 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:**

Dhyaiaa	l Hazards	
riivsica	i mazarus	

Not applicable

## **Health Hazards**

Serious eye damage or eye irritation

Skin Corrosion or Irritation

Specific target organ toxicity (single or repeated exposure)

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

<u>Ingredient</u>	C.A.S. No	<u>% by Wt</u>		
P,P'-Methylenebis(phenyl isocyanate)	101-68-8	Trade Secret	7 -	13
P,P'-Methylenebis(phenyl isocyanate) (Benzene, 1,1'-	101-68-8	7 - 13		
methylenebis[4-isocyanato-)				
P,P'-Methylenebis(phenyl isocyanate)	101-68-8	7 - 13		
(DIISOCYANATES (CERTAIN CHEMICALS				
ONLY))				

# 15.2. State Regulations

Contact 3M for more information.

#### 15.3. Chemical Inventories

This material contains one or more substances not listed on the TSCA Inventory. Commercial use of this material is regulated

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by the FDA.

Contact 3M for more information.

### 15.4. International Regulations

Contact 3M for more information.

This SDS has been prepared to meet the U.S. OSHA Hazard Communication Standard, 29 CFR 1910.1200.

# **SECTION 16: Other information**

**NFPA Hazard Classification** 

Health: 2 Flammability: 1 Instability: 0 Special Hazards: None

National Fire Protection Association (NFPA) hazard ratings are designed for use by emergency response personnel to address the hazards that are presented by short-term, acute exposure to a material under conditions of fire, spill, or similar emergencies. Hazard ratings are primarily based on the inherent physical and toxic properties of the material but also include the toxic properties of combustion or decomposition products that are known to be generated in significant quantities.

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