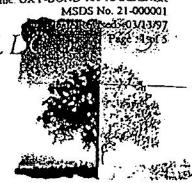
28 Norfolk Avenue • Easton Industrial Park • South Easton, MA 02375 • Phone 508 230 8070 • Fax: 508 230 2318
Product Name: OXY-BOND 105 HARDENER

# RESIN TECHNOLOGY GROUP,

MATERIAL SAFETY DATA SHEET



## MATERIAL IDENTIFICATION

Product Name:

OXY-BOND, 105 HARDENER

Chemical Family:

Mercaptan-Terminated Polymer

EMERGENCY PHONE: For product emergency lavolving spill, leak, fire, exposure, or accident call CHEMTREC at (800) 424-9300. For all other inquiries call Resin Technology Group, Inc. at (508) 230-8070.

COLODOCITION	, , , , , , , , , , , , , , , , , , ,		Exposure Limits	
2. COMPOSITION	CAS NO.	PERCENT	ACGIH TLV-TWA mg/m³	OSHA PEL mg/m³
HAZARDOUS COMPONENTS		100	N.E.	N.E.
Mercaptan-Terminated Polymer	Proprietary	100		***

# HEALTH HAZARDS IDENTIFICATION

Primary Routes of Exposure:

Eyes: Yes

Skin: Yes

Inhalation: Yes

Eye Contact: May cause severe irritation and permanent visual impairment.

Skin Contact: May cause severe irritation, burns, and sensitization.

Inhalation:

May be slightly toxic, causing irritation, nausea, delayed lung injury, and chemical pneumonia.

May cause harm. Ingestion:

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### FIRST AID MEASURES

Eyes:

Flush eyes thoroughly with water for at least 15 minutes while holding eyelids open. Seek

medical attention.

Skia:

Remove contaminated clothing. Wipe off excess product and immediately flush the affected

area with water for at least 15 minutes. Obtain medical attention.

Inhalation:

Remove to fresh air, and provide oxygen if breathing is difficult. Seek medical attention.

Ingestioa:

Give a large quantity of water or milk unless the victim is drowsy, convulsing, or unconscious.

Seek medical attention.

### FIRE FIGHTING MEASURES

#### FLAMMABLE PROPERTIES

Flash Point:

>200 dcg F

Explosive Limits:

Not determined

Auto - Ignition Temperature:

Not determined

Hazardous Decomposition Products:

Oxides of earbon and nitrogen

## EXTINGUISHING MEDIA and FIRE FIGHTING INSTRUCTIONS

Firefighters should be equipped with full bunker gear, including a positive pressure, NIOSH approved, selfcontained breathing apparatus. Fire-exposed containers may be cooled with water.

Extinguishing Media: Use water spray, carbon dioxide, dry chemical, or an appropriate foam.

# ACCIDENTAL RELEASE MEASURES

Ventilate the area, and evacuate if airborne levels could exceed established limits. Add dry material to absorb the spill, such as clay, sand, or another suitable absorbent. For large spills, dike to contain. Dispose of properly. Flush the area with water to remove trace residue.

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### 7. HANDLING AND STORAGE

Store in a cool, dry place, in closed containers. Keep away from ignition sources and open flames. Avoid contact with incompatible materials. Wear protective eyewear, chemical-resistant gloves, and other protective clothing as appropriate.

### 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Engineering / Ventilation Controls: General ventilation may be acceptable under most conditions, although local

ventilation is required to control exposure whenever vapors or mists are

generated. Eye wash stations should be readily available.

Respiratory Protection: Whenever vapors or mists are generated, and local ventilation is

unavailable, a NiOSH-approved respirator for organic vapors, an airsupplied respirator, or a self-contained breathing apparatus is required.

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Skin Protection: Impervious gloves and protective clothing should be worn as necessary.

Eye Protection: Chemical splash goggles or safety glasses with side shields should be worn

as appropriate.

### 9. STABILITY AND REACTIVITY

Chemical Stability: Stable under normal conditions and use.

Conditions and Materials to Avoid: Keep away from ignition sources and open flames. Avoid contact with

oxidizing agents.

Hazardous Decomposition Products: Oxides of carbon and nitrogen.

Hazardous Polymerization: Will not occur.

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## 10. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:

Clear to light yellow liquid

**Boiling Point:** 

Not determined

Vapor Pressure (mm Hg):

Not determined

Vapor Density (air=1):

Not determined

Evaporation Rate:

Not determined

Solubility in Water:

Negligible

## 11. TOXICOLOGICAL INFORMATION

This product does not contain, in a concentration greater than or equal to 0.1%, any carcinogenic material according to the National Toxicology Program, IARC Monographs, or OSHA.

### 12. DISPOSAL CONSIDERATIONS

Place in an appropriate disposal facility, in compliance with applicable government regulations.

### 13. TRANSPORTATION INFORMATION

DOT/IATA Proper Shipping Name:

Not regulated

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### 14. REGULATORY INFORMATION

#### TSCA

All the chemical components of this product are listed on the TSCA Chemical Substance Inventory.

#### SARA TITLE III

#### Section 313 - Toxic Chemicals

Pursuant to Section 313, this product does not contain any chemicals in a concentration which exceeds the de minimis level.

Section 311/312 - Hazard Categories

Fire Hazard:

No

Reactivity Hazard:

No

Sudden Release of Pressure Hazard:

No

Immediate (Acute) Health Hazard: Delayed (Chronic) Health Hazard:

Yes No

NFPA Hazards:

Health: 3

Flammability: 1

Reactivity: 1

HMIS Hazards:

Health: 3

Flammability: 1

Reactivity: I

#### STATE REGULATIONS / RIGHT TO KNOW

California Proposition 65: This product is not known to contain any chemicals which are recognized by the State of California to cause birth defects or other reproductive harm.

Resin Technology Group, Inc. urges each customer or recipient of this MSDS to study it carefully in order to become aware of and understand the hazards associated with the product. The reader should consider consulting reference works or individuals who are experts in ventilation, toxicology, and/or fire prevention, as necessary to use and understand the data contained in this MSDS.

To promote safe handling, customers and recipients should: 1 - notify their employees, agents, contractors, and others whom they know or suspect will use this material or the information in this MSDS and any other information regarding hazards or safety, 2 - furnish this same information to each of their customers for the product; and 3 - request their customers to notify their employees, customers and other users of the product of this information.

The information contained herein is based on the data available to Resin Technology Group, and is believed to be correct. However, Resin Technology Group makes no warranty, expressed or implied, regarding the accuracy of this data or the results to be obtained from the use thereof. Resin Technology Group assumes no responsibility for injury from the use of the product described herein.