

# Safety Data Sheet

Revision Date: 06-05-2015  
Product Code: FC7960

## 1. IDENTIFICATION

Product Name	Fast Cure PU Base Hardener
Product Code	FC7960
Document ID	GFC7960
Revision Number	1
Prior Version Date	None
Restrictions On Use	For Industrial Use Only
Chemical Family	Urethane Hardener
Chemical Manufacturer / Importer	NEOGARD® - a Division of JONES-BLAIR® Company, LLC 2728 Empire Central Dallas, TX 75235 1-214-353-1600
Emergency Telephone Number:	ChemTrec Center 1-800-424-9300 International: 703-527-3887

## 2. HAZARD(S) IDENTIFICATION

Classification of the chemical in accordance with paragraph (d) of §1910.1200;

### Hazard Pictograms



### GHS Classification

Serious Eye Damage/Eye Irritation Category 2  
Specific Target Organ Systemic Toxicity (STOT) - Repeated Exposure Category 2  
Specific Target Organ Systemic Toxicity (STOT) - Single Exposure Category 3  
Acute Toxicity - Oral Category 4

### Signal Word

Warning

### Hazard Statements

Harmful if swallowed. Causes serious eye irritation. May cause respiratory irritation. May cause drowsiness or dizziness. May cause damage to organs through prolonged or repeated exposure.

### Precautionary Statements

#### Prevention

Do not breathe dust, fume, mist, vapours or spray. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Wear protective gloves, protective clothing, eye protection and face protection.

#### Response

IF SWALLOWED: Call a POISON CENTER or physician if you feel unwell. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a POISON CENTER or physician if you feel unwell. Rinse mouth. If eye irritation persists: Get medical attention.

#### Storage

Store in a well-ventilated place. Keep container tightly closed. Store locked up.

# Safety Data Sheet

Revision Date: 06-05-2015

Product Code: FC7960

**Disposal** Dispose of contents and container in accordance with all local, regional, national and international regulations.

**Hazards Not Otherwise Classified (HNOC)** Not applicable

## Additional Information

Not applicable

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Chemical Component</u>	<u>CAS #</u>	<u>%</u>
Diethyltoluenediamine	68479-98-1	50 - 70
Naptha (petroleum), aromatic containing	68603-08-7	15 - 40

The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

## 4. FIRST-AID MEASURES

<b>Inhalation</b>	Remove to fresh air. If breathing is difficult, have a trained individual administer oxygen. If not breathing, give artificial respiration. Get medical attention immediately.
<b>Eye Contact</b>	In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention immediately.
<b>Skin Contact</b>	Wash with soap and water. Get medical attention if irritation develops or persists.
<b>Ingestion</b>	If swallowed, do not induce vomiting. Get medical attention immediately.
<b>Most Important Acute Symptoms and Effects</b>	Not Available
<b>Most Important Delayed Symptoms and Effects</b>	Not Available
<b>Special treatment needed:</b>	No additional first aid information available

## 5. FIRE-FIGHTING MEASURES

<b>Suitable Extinguishing Media</b>	Use alcohol foam, carbon dioxide, or water spray when fighting fires involving this material.
<b>Unsuitable Extinguishing Media</b>	No data available
<b>Fire and/or Explosion Hazards</b>	Material may be ignited only if preheated to temperatures above the high flash point, for example in a fire.
<b>Special Protective Equipment and Precautions for Fire-Fighters</b>	Do not enter fire area without proper protection including self- contained breathing apparatus and full protective equipment. Do not enter fire area without proper protection including self- contained breathing apparatus and full protective equipment.

## 6. ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions, Protective Equipment and Emergency Procedures</b>	Follow personal protective equipment recommendations found in Section VIII of this SDS. Additional precautions may be necessary based on special circumstances created by the spill including the material spilled, the quantity of the spill, the area in which the spill occurred. See MSDS sections III, XIII and XV for disposal considerations.
<b>Methods and Material for Containment and Cleaning Up</b>	Prevent the spread of any spill to minimize harm to human health and the environment if safe to do so. Dike with suitable absorbent material. Gather and store in a sealed container pending disposal. This material

# Safety Data Sheet

Revision Date: 06-05-2015

Product Code: FC7960

is a water pollutant and should be prevented from contaminating soil or from entering sewage and drainage systems and bodies of water.

## 7. HANDLING AND STORAGE

### Precautions for Safe Handling

Overexposure may be harmful. As with all chemicals, good industrial hygiene practices should be followed when handling this material.

### Conditions for Safe Storage

Store in a cool dry place. Keep container(s) closed.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Exposure Limits

<u>Chemical Component</u>	<u>OSHA PEL</u>	<u>ACGIH TLV-TWA</u>	<u>ACGIH STEL</u>
---------------------------	-----------------	----------------------	-------------------

### Appropriate Engineering Controls Respiratory Protection

Local exhaust ventilation or other engineering controls may be required when handling or using this product to avoid overexposure.

General or local exhaust ventilation is the preferred means of protection. In cases where ventilation is inadequate, respiratory protection may be required to avoid overexposure. Follow respirator manufacturer's directions for respirator use.

### Eye Protection

Wear safety glasses with side shields when handling this product. Wear additional eye protection such as chemical splash goggles and/or face shield when the possibility exists for eye contact with splashing or spraying liquid, or airborne material. Have an eye wash station available.

### Skin Protection

Where use can result in skin contact, practice good personal hygiene. Wash hands and other exposed areas with mild soap and water before eating, drinking, and when leaving work. Clothing suitable to prevent skin contact.

### General Hygiene Conditions

As with all chemicals, good industrial hygiene practices should be followed when handling this material.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Appearance

Physical State	Liquid
Color	Colorless
Odor	Amine-Like.
Odor Threshold	No data available
pH	No data available
Melting Point/Freezing Point (°F/°C)	No data available / No data available
Initial Boiling Point and Boiling Range	
Low (°F)	586.0
High (°F)	586.0
Flash Point (°F/°C)	284 / 140
Flammability (solid, gas)	No data available
Upper Flammable/Explosive Limit	No data available
Lower Flammable/Explosive Limit	No data available
Vapor Pressure	0.01
Vapor Density	6.20
Relative Density	1.200
Solubility in Water	Insoluble
Partition coefficient: n-octanol/water	No data available
Auto-ignition Temperature	No data available
Decomposition Temperature:	No data available
Volatiles, % by volume	0.00
Volatiles, % by weight	0.00

# Safety Data Sheet

Revision Date: 06-05-2015  
Product Code: FC7960

**Volatile Organic Chemicals (g/L)**  
(Regulatory, Calculated) 0.00  
(Actual, Calculated) 0.00  
**Density** 8.39 - 8.60 lbs./Gal

## 10. STABILITY AND REACTIVITY

<b>Chemical stability</b>	Stable under normal conditions.
<b>Possibility of Hazardous Reactions</b>	No data available
<b>Conditions to Avoid</b>	Temperatures above the high flash point of this combustible material in combination with sparks, open flames, or other sources of ignition.

## 11. TOXICOLOGICAL INFORMATION

**Routes of Exposure** Skin contact  
Eye contact  
Ingestion

### Immediate (Acute) Health Effects by Route of Exposure

**Skin Contact** Causes skin irritation.  
**Eye Contact** Causes eye irritation.

### Long-Term (Chronic) Health Effects

**Ingestion** Contains a substance upon prolonged or repeated overexposure can cause serious damage to health according to a two year feeding study on animals.

### Product Toxicology Data

#### Component Toxicology Data

Chemical Component	Oral LD50	Dermal LD50	Inhalation LC50
Diethyltoluenediamine	Oral LD50 Rat 738 mg/kg	Dermal LD50 Rat > 2000 mg/kg	
Naptha (petroleum), aromatic containing			

### Carcinogen Information

Chemical Name	IARC Carcinogen	OSHA Carcinogen	NTP Carcinogen
Not applicable			

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity (aquatic and terrestrial, where available)** No data available Components of this product are hazardous to wildlife and aquatic life.  
**Mobility in soil** No data available

## 13. DISPOSAL CONSIDERATIONS

**Safe Handling of Waste** Refer to other sections of this SDS to determine the toxicity and physical characteristics of the material to determine the proper waste identification and disposal in compliance with applicable regulations.

## 14. TRANSPORT INFORMATION

This section provides basic shipping classification information and does not contain all regulatory transportation details. Refer to all applicable regulations for domestic, international, air, vessel and ground transportation requirements and restrictions.

# Safety Data Sheet

Revision Date: 06-05-2015

Product Code: FC7960

**DOT Basic Description:** Environmentally Hazardous Substance, Liquid, n.o.s. (Diethyltoluenediamine)  
**Hazard Class:** 9  
**UN Number:** UN3082  
**Packing Group:** III  
**Other:** Bulk packages greater than 119 gallons (450 liters) are regulated as Marine Pollutants when shipped by highway or rail (49 CFR 171.4 (c)).

**IATA Air Shipping Name:** Environmentally Hazardous Substance, Liquid, n.o.s. (Diethyltoluenediamine)  
**IATA Hazard Class:** 9  
**IATA UN Number:** UN3082  
**IATA Packing Group:** III

**IMO Shipping Name:** Environmentally Hazardous Substance, Liquid, n.o.s. (Diethyltoluenediamine)  
**IMO Hazard Class:** 9  
**IMO UN Number:** UN3082  
**IMO Packing Group:** III

**Marine Pollutant:** Y

## 15. REGULATORY INFORMATION

**TSCA Status** All components of this product are either listed on the TSCA Inventory; or, are not subject to the inventory notification requirements.

### Regulated Components

#### SARA EHS Chemicals

#### CAS #

#### %

Not applicable

#### CERCLA

Not applicable

#### SARA 313

Not applicable

#### SARA 311/312

Health (Acute): Y

Health (chronic): Y

Fire (Flammable): N

Pressure: N

Reactivity: N

### U. S. State Regulations:

#### California Prop 65 Chemicals

#### **Cancer**

#### CAS #

#### %

Naphthalene

91-20-3

0.01 - 0.1

#### **Reproductive**

Not applicable

### Canadian Regulations:

#### **CEPA DSL:**

The components of this product ARE listed on the Canadian Domestic Substances List.

## 16. OTHER INFORMATION

#### **Revision Date**

06-05-2015

#### **Disclaimer**

This SDS has been prepared in accordance with the OSHA Hazard Communication Standard (29 CFR 1910.1200) and Canada's Controlled Product Regulations (CPR). To the best of our knowledge the information contained herein is accurate. Determination of

# Safety Data Sheet

**Revision Date:** 06-05-2015

**Product Code:** FC7960

safe handling, application and use of this material is the responsibility of the end user. This information is furnished without warranty, expressed or implied.