



MATERIAL SAFETY DATA

Chemtrec 24-Hour Emergency Telephone

Domestic North America (800) 424-9300

International (800) 527-3887

This MSDS complies with 29 CFR 1910.1200 (Hazard Communications)

1. Product and Supplier Identification

Product Name: FiberMold-20 – Part A - Curative

Product Number: 2612020Q, 2612020G

Date of Prep: 02/10/2010

Product Type: Polyurethane Rubber - Curative

Supplier: Fiberlay Inc.
24 S. Idaho S.
Seattle, Wa 98134
(206)782-0660

2. Composition/Information On Ingredients

CAS. No.	Chemical Name	% Range	EHS	NTP	IARC	SUB Z	SARA 313	OSHA PEL	ACGIH TLV	Other Limits
68479981	Diethyltoluenediamine	3-5						NE	NE	NE
26545493	Mercury, (neodecanoato-.kappa.O)phenyl-	< 0.3					X	0.01 mg/m ³		
9082002	Oxirane, methyl-, polymer with oxirane, ether with 1,2,3- propanetriol (3:1)	25-35								
53637255	Oxirane, methyl-, polymer with oxirane, ether with 1,2-propanediol (2:1)	25-35								
117817	Di(2-ethylhexyl) phthalate	30-35		X	X			5 mg/m ³	5 mg/m ³	10 mg/m

3. Hazards Identification

HAZARD CATEGORY: ACUTE CHRONIC

Hazardous Identification Information:

Warning!

Light yellow liquid.

Contains organomercury catalyst.

Contains Di(2-ethylhexyl)phthalate.

Repeated skin and eye contact may cause irritation

4. First Aid Measures

Route(s) of Entry: Inhalation, Ingestion, Skin and Eye contact.

Health Hazards (Acute and Chronic):

Acute (Short-term)

Repeated skin and eye contact may cause irritation.

Epoxy Resin 1200 UV Enhanced

Chronic (Delayed)

Repeated skin contact may produce skin sensitivity. Long-term over exposure to high concentrations of vapors may affect respiratory function in some individuals.

Signs and Symptoms:

Skin, eye and respiratory tract irritation.

Medical Conditions Generally Aggravated by Exposure: None known

Emergency and First Aid Procedures:

SKIN CONTACT: Remove contaminated clothing and wash affected area with soap and water.

EYE CONTACT: Flush eyes with water for at least 15 minutes and contact a physician.

INGESTION: Take 1-2 glasses of water and contact a physician. Do not give anything by mouth to an unconscious person.

INHALATION: Remove person to fresh air. If person is not breathing give mouth-to-mouth resuscitation and contact a physician.

Other Health Warnings:

This material contains a mercury catalyst. Due to the chronic toxicity of organomercury compounds, careful handling of this material is required.

A two year feeding study in rats showed DETDA caused effects in the pancreas, liver, thyroid and eyes. An increase in the number of tumors in the liver and thyroid of male rats and in the liver and possibly the mammary glands of female rats was observed. In rare instances, sensitization to DETDA curatives have been reported to occur in humans.

In an NCI study, dioctyl phthalate was reported to cause liver tumors in rats at high dose levels. It poses little or no risk to man under the much lower exposure levels typical of product use.

5. Fire Fighting Measures

Flash Point: >275°F **Lower Explosive Limit:** NE **Upper Explosive Limit:** NE

Fire Extinguishing Media: Foam, water fog, carbon dioxide or dry chemical extinguishers.

Special Fire Fighting Procedures:

Firefighters should wear a self-contained breathing apparatus and protective clothing to guard against incompletely combusted carbon products.

Unusual Fire and Explosion:

None known

6. Accidental Release Measures

Steps to be Taken in Case Material is Released or Spilled:

The reportable spill quantity of Di(2-ethylhexyl)phthalate - 100lbs. This product contains 35 % of Di(2-ethylhexyl)phthalate and the reportable spill is 286 lbs. If the reportable quantity of this product is accidentally spilled, the incident is subject to CERCLA and must be reported to National Response Center by calling 800-424-8802.

Cover liquid with an absorbent material (sawdust, vermiculite or wet sand). After the material is absorbed scoop up and place in containers for disposal.

7. Handling and Storage

Precautions to be Taken:

Store in a cool, dry, ventilated area in tightly sealed containers. Protect from heat and moisture contamination.

Other Precautions:

Avoid skin and eye contact.

8. Exposure Controls, Personal Protection

Ventilation Requirements:

Local Exhaust: Provide mechanical (general) and/or local exhaust ventilation to control airborne levels.

Personal Protective Equipment:

RESPIRATORY PROTECTION: None needed at normal temperatures. Use a self-contained breathing apparatus under emergency conditions.

PROTECTIVE GLOVES: Impervious rubber gloves.

EYE PROTECTION: Wear safety glasses or goggles.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: An apron or suitable clothing to prevent skin contact.

9. Physical and Chemical Properties

Boiling Point:	>250°F
Melting Point:	<1
Evaporation Rate:	N/A
Vapor Pressure (mm Hg.):	N/E
Vapor Density (AIR = 1):	>1
Solubility In Water:	Slight, <1%
Appearance and Odor:	Light yellow liquid

Other Information:

VOLATILITY @75°F:	Very low
% VOLATILE BY VOLUME(%):	Negligible
SPECIFIC GRAVITY	:0.994

10. Stability and Reactivity

Stability:

Stable

Incompatibility (Materials to Avoid):

Strong acids, alkalies and oxidizing agents. Incompletely burned carbon products, carbon monoxide and carbon dioxide.

Decomposition/By Products:

Will not occur

Hazardous Polymerization:

11. Toxicological Information

Di(2-ethylhexyl)phthalate - Potential Carcinogen.

12. Ecological Information

Contains Di(2-ethylhexyl)phthalate - Environmentally Hazardous Substance.

13. Disposal Considerations

Waste must be disposed of in accordance with federal, state and local environmental regulations. Incinerate or bury in a licensed facility.

14. Transport Information

RQ for Di(2-ethylhexyl)phthalate - 100 lbs.

For this product, containing 35 % of Di(2-ethylhexyl)phthalate, RQ - 286 lbs.

When shipped in individual containers of less than RQ quantity -

Not regulated by DOT.

Otherwise:

Environmentally Hazardous Substance, Liquid, n.o.s

(Contains Di(2-ethylhexyl)phthalate)

UN 3082

Class 9

PG III

15. Regulatory Information

TSCA Inventory Status: This product, or its components, are listed on, or are exempt from the Toxic Substance Control Act (TSCA) Chemical Substance Inventory.

SARA 313 INFORMATION: This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR part 372:

CHEMICAL NAME	CAS NUMBER	CONCENTRATION
Mercury, (neodecanoato-kappa.O) phenyl-	26545493	< 0.3%
Di(2-ethylhexyl) Phthalate	117-81-7	30-35%

SARA HAZARD CATEGORY: This product has been reviewed according to the EPA "Hazard Categories" promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories: An immediate health hazard; A delayed health hazard

16. Other Information

The exposure limits for Dioctyl Phthalate (Di(2-ethylhexyl) phthalate) are as follows:

ACGIH TLV: 5mg/m³ TWA, 10mg/m³ STEL

OSHA PEL: 5mg/m³

HMIS HAZARD RATINGS: HEALTH: 1 FIRE: 1 REACTIVITY: 0 PERSONAL PROTECTION: C

In this document the following abbreviations were used:

NA: Not Applicable NE: Not Established

Preparation Date: February 10, 2010

Prepared by: Fiberlay Inc

Comments: This Material Safety Data Sheet was prepared using information provided by Puma Polymers and Fiberlay Inc.

Revisions: None

Disclaimer: All information, recommendations, and suggestions appearing herein concerning our product are based upon tests and data believed to be reliable. However, it is the user's responsibility to determine the safety, toxicity, and suitability for his or her own use of the product described herein. Since the actual use by others is beyond Fiberlay and Environmental Technology, Inc.'s control, no guarantee, expressed or implied, is made by Fiberlay and Environmental Technology, Inc. as to the effects of such use, the results to be obtained, or the safety and toxicity of the product.