

**DECKTITE 230 SL CURATIVE 12 OZ CANS**

Version 1.1

Print Date 09/11/2006

REVISION DATE: 09/01/2006

**SECTION 1 - PRODUCT IDENTIFICATION**

Trade name : DECKTITE 230 SL CURATIVE 12 OZ CANS  
 Product code : 160630 007

COMPANY : Tremco Incorporated  
 3735 Green Road  
 Cleveland, OH 44122

Telephone : (216) 292-5000 8:30 - 5:00 EST  
 Emergency Phone: : (216) 765-6727 8:30 - 5:00 EST  
 After Hours: Chemtrec 1-800-424-9300

Product use : Curative

**SECTION 2 - HAZARDS IDENTIFICATION**
**Emergency Overview**

Amber. Liquid solution. May cause slight irritation to the respiratory system. Leave area to breathe fresh air. Avoid further overexposure. If symptoms persist, get medical attention.

**Acute Potential Health Effects/ Routes of Entry**

Inhalation : May cause slight irritation to the respiratory system.  
 Eyes : Vapors or liquid may cause tearing, blurred vision, severe irritation, and possible chemical burns.  
 Ingestion : May cause irritation to the mouth, throat and stomach. May cause chemical burns to stomach, mouth, nose, and throat.  
 Skin : May cause moderate irritation. May cause sensitization resulting in irritation, itching and redness.

**Aggravated Medical Conditions**

Pre-existing eye, skin and respiratory disorders may be aggravated by exposure.

**Chronic Health Effects**

Prolonged and repeated overexposure to amines may cause liver and kidney damage based on animal studies. Prolonged or repeated exposure to xylene may cause defatting, drying, and irritation of the skin, dermatitis, central nervous system (CNS) effects, heart muscle sensitization and arrhythmia, hearing loss, and brain, liver, kidney damage. Xylene overexposure may affect fetal development. The International Agency for Research on Cancer (IARC) has evaluated ethylbenzene and classified it as a possible human carcinogen (Group 2B) based on sufficient evidence for carcinogenicity in experimental animals, but inadequate evidence for cancer in exposed humans. Fillers are encapsulated and not expected to be released from product under normal conditions of use.

**Target Organs:** Skin, Eye, Lung

**SECTION 3 - PRODUCT COMPOSITION**

Chemical Name	CAS-No.	Weight %
Polyamido Amine	NJ TSRN# 51721300-5004P	> 60.0
Xylene	1330-20-7	7.0 - 13.0
Alkyl ether amine	NJ TSRN# 51721300-5166P	5.0 - 10.0

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Ethylbenzene

100-41-4

1.0 - 5.0

**SECTION 4 - FIRST AID MEASURES**

Get immediate medical attention for any significant overexposure.

- Inhalation : Leave area to breathe fresh air. Avoid further overexposure. If symptoms persist, get medical attention.
- Eye contact : Flush with water for 15 minutes. If irritation persists, get medical attention.
- Skin contact : Wash area of contact thoroughly with hand cleaner followed by soap and water. If irritation, rash or other disorders develop, get medical attention immediately.
- Ingestion : Do not induce vomiting unless advised by a physician. Call nearest Poison Control Center or Physician immediately.

**SECTION 5 - FIRE FIGHTING MEASURES**

- Flash point : 52 °C, 126 °F
- Method : Pensky-Martens Closed Cup
- Lower explosion limit : Not available.
- Upper explosion limit : Not available.
- Autoignition temperature : Not available.
- Extinguishing media : If water fog is ineffective, use carbon dioxide, dry chemical or foam.
- Hazardous combustion products : Carbon monoxide, carbon dioxide, and nitrogen oxides.
- Protective equipment for firefighters : Use accepted fire fighting techniques. Wear full firefighting protective clothing, including self-contained breathing apparatus (SCBA).
- Fire and explosion conditions : Product may ignite if heated in excess of its flash point.

**SECTION 6 - ACCIDENTAL RELEASE MEASURES**

Stop flow. Contain spill. Keep out of water courses. Absorb spill in sand, earth or other suitable material. Transfer to appropriate container for disposal.

**SECTION 7 - HANDLING AND STORAGE**

Store under normal warehouse conditions in sealed containers. Keep container closed when not in use. Vapor may migrate to sources of ignition. Do not smoke, weld, generate sparks, or use flame near container. Change soiled work clothes frequently. Clean hands thoroughly after handling. Prevent inhalation of vapor, ingestion, and contact with skin eyes and clothing. Keep container closed when not in use. Precautions also apply to emptied containers. Handle in compliance with common hygienic practices. Clean hands thoroughly after handling.

**SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION****Personal protection equipment**

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- Respiratory protection : Use full engineering controls before relying on personal protective equipment. Wear NIOSH/MSHA approved vapor respirator with appropriate cartridge when the vapor concentration is expected to exceed exposure limits indicated on the MSDS. Follow manufacturer's directions for respirator use.
- Hand protection : Protect hands with impervious gloves.
- Eye protection : Wear chemical safety goggles and/or face shield to prevent eye contact. Do not wear contact lenses. Do not touch eyes with contaminated body parts or materials. Have eye washing facilities readily available.
- Protective measures : Use professional judgment in the selection, care, and use.
- Engineering measures : Use local exhaust when the general ventilation is inadequate.

**Exposure Limits**

<u>Chemical Name</u>	<u>CAS Number</u>	<u>Regulation</u>	<u>Limit</u>	<u>Form</u>
Xylene	1330-20-7	ACGIH TWA: ACGIH STEL: OSHA PEL:	100 ppm 150 ppm 435 mg/m3	
Ethylbenzene	100-41-4	ACGIH TWA: ACGIH STEL: OSHA PEL:	100 ppm 125 ppm 435 mg/m3	

**SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES**

- Form : Liquid solution
- Color : Amber
- Odor : Solvent
- pH : Not available.
- Vapour pressure : Not available.
- Vapor density : Not available.
- Melting point/range : Not available.
- Freezing point : Not available.
- Boiling point/range : Not available.
- Water solubility : Negligible
- Specific Gravity : 0.98
- % Volatile Weight : 10 %

**SECTION 10 - REACTIVITY / STABILITY**

- Substances to avoid : Acids.
- Stability : Stable under normal conditions. Avoid welding arcs, flames or other high temperature sources.
- Hazardous polymerization : Will not occur under normal conditions.

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**SECTION 11 - TOXICOLOGICAL INFORMATION**

Xylene, CAS-No.: 1330-20-7

Acute oral toxicity (LD-50 oral) 3,523 - 8,600 mg/kg ( Rat )

Acute inhalation toxicity (LC-50) 6,350 mg/l ( Rat )

Ethylbenzene, CAS-No.: 100-41-4

Acute oral toxicity (LD-50 oral) 3,500 mg/kg ( Rat )

Acute dermal toxicity (LD-50 dermal) 17,800 mg/kg ( Rabbit )

**SECTION 12 - ECOLOGICAL INFORMATION**

No Data Available

**SECTION 13 - DISPOSAL CONSIDERATIONS**

RCRA Class : D001: Reportable Quantity = 100 lbs. (Characteristic of ignitability)

This classification applies only to the material as it was originally produced.

Disposal Method : Subject to hazardous waste treatment, storage, and disposal requirements under RCRA. Recycle or incinerate waste at EPA approved facility or dispose of in compliance with federal, state and local regulations.

**SECTION 14 - TRANSPORTATION / SHIPPING DATA**

TDG / DOT Shipping Description:

NOT REGULATED

**SECTION 15 - REGULATORY INFORMATION****North American Inventories:**

All components are listed or exempt from the TSCA inventory.

This product or its components are listed on, or exempt from the Canadian Domestic Substances List.

**U.S. Federal Regulations:**SARA 313 Components : Xylene 1330-20-7  
Ethylbenzene 100-41-4SARA 311/312 Hazards : Acute Health Hazard  
Fire Hazard

OSHA Hazardous Components :

Xylene 1330-20-7  
Ethylbenzene 100-41-4OSHA Status: Considered : Irritant  
hazardous based on the

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following criteria:

OSHA Flammability : II

Regulatory VOC (less water and exempt solvent) : 102 g/l

VOC Method 310 : 10 %

**U.S. State Regulations:**

MASS RTK Components : Xylene 1330-20-7  
Ethylbenzene 100-41-4

Penn RTK Components : Polyamido Amine NJ TSRN# 51721300-5004P  
Xylene 1330-20-7  
Alkyl ether amine NJ TSRN# 51721300-5166P  
Ethylbenzene 100-41-4

NJ RTK Components : Polyamido Amine NJ TSRN# 51721300-5004P  
Xylene 1330-20-7  
Alkyl ether amine NJ TSRN# 51721300-5166P  
Ethylbenzene 100-41-4

Chemicals known to the State of California to cause cancer birth defects and/or other reproductive harm:

100-41-4 Ethylbenzene  
108-88-3 Toluene

**SECTION 16 - OTHER INFORMATION**

**HMIS Rating :**

Health	3
Flammability	2
Reactivity	1
PPE	

0 = Minimum  
1 = Slight  
2 = Moderate  
3 = Serious  
4 = Severe

**Further information:**

For Industrial Use Only. Keep out of Reach of Children. The hazard information herein is offered solely for the consideration of the user, subject to their own investigation of compliance with applicable regulations, including the safe use of the product under every foreseeable condition.

**Prepared by: Rich Mikol**

**Legend**

ACGIH - American Conference of Governmental Hygienists  
CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act  
DOT - Department of Transportation  
DSL - Domestic Substance List  
EPA - Environmental Protection Agency  
HMIS - Hazardous Materials Information System  
IARC - International Agency for Research on Cancer  
MSHA - Mine Safety Health Administration  
NDSL - Non-Domestic Substance List

PEL - Permissible Exposure Limit  
RCRA - Resource Conservation and Recovery Act  
RTK - Right To Know  
SARA - Superfund Amendments and Reauthorization Act  
STEL - Short Term Exposure Limit  
TLV - Threshold Limit Value  
TSCA - Toxic Substances Control Act  
TWA - Time Weighted Average  
V - Volume



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NIOSH - National Institute for Occupational Safety and Health

NTP - National Toxicology Program

OSHA - Occupational Safety and Health Administration

VOC - Volatile Organic Compound

WHMIS - Workplace Hazardous Materials Information System