



Revision 003.2

Issue Date: 06/28/2011

**1. PRODUCT AND COMPANY IDENTIFICATION**

<b>Product Name:</b> Alackrack® Concrete Crack Filler Part B	<b>IDH Number:</b> 1291999
<b>Product Type:</b> Concrete Repair	<b>Item Number:</b> 1291113-210518
	<b>Region:</b> United States
<b>Company Address:</b>	<b>Contact Information:</b>
Apun LLC	MEDICAL EMERGENCY Phone: Poison Control Center
2130 E. Dimond Blvd.	1-877-671-4608 (toll free) or 1-303-592-1711
Anchorage, Alaska 99507	TRANSPORT EMERGENCY Phone: CHEMTREC
Telephone: 907-336-7958 Internet: www.apunak.com	1-800-424-9300 (toll free) or 1-703-527-3887

**2. HAZARDS IDENTIFICATION**

<u>EMERGENCY OVERVIEW</u>			
		<u>HMIS:</u>	
<b>Physical State:</b>	Liquid	<b>HEALTH:</b>	1
<b>Color:</b>	Gray	<b>FLAMMABILITY:</b>	1
<b>Odor:</b>	Slight, Amine	<b>PHYSICAL HAZARD:</b>	0
		<b>Personal Protection:</b>	See MSDS Section 8
<b>WARNING: MAY CAUSE EYE AND SKIN IRRITATION.</b>			

**Relevant Routes of Exposure:** Eyes, Inhalation, Skin

Potential Health Effects

- Inhalation:** Not expected under normal conditions of use. Inhalation of vapors from heated material may cause irritation.
- Skin Contact:** May cause skin irritation. Repeated or prolonged exposure may cause skin burns.
- Eye Contact:** Mild eye irritation. May cause eye damage and blindness if contacted.
- Ingestion:** May be harmful if swallowed.

**Existing Conditions Aggravated By Exposure:** Eye, skin and respiratory disorders.

See Section 11 for additional toxicological information.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Hazardous Components	CAS NUMBER	%
Polyurethane hardener	Unknown	60-100
Bis(methylthio)toluenediamine	106264-79-3	10-30

**4. FIRST AID MEASURES**

**Inhalation:** Move to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

**Skin Contact:** Remove contaminated clothing and footwear. Immediately flush skin with plenty of water (using soap, if available). If symptoms develop and persist, get medical attention. Wash clothing before reuse.

**Eye Contact:** Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.

**Ingestion:** Get medical attention. DO NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person.

## 5. FIRE FIGHTING MEASURES

**Flash Point:** >200°F (>93°C)

**Autoignition:** Not available

**Flammable/Explosive Limits – Lower:** Not available

**Flammable/Explosive Limits – Upper:** Not available

**Extinguishing Media:** Foam, dry chemical or carbon dioxide.

**Special Firefighting Procedures:** Wear self-contained breathing apparatus and full protective clothing.

**Unusual Fire or Explosion Hazards:** Personnel in vicinity and downwind should be evacuated. In case of fire, keep containers cool with water spray.

**Hazardous Combustion Products:** Oxides of carbon. Oxides of nitrogen. Irritating organic fragments.

## 6. ACCIDENTAL RELEASE MEASURES

**Use personal protection recommended in Section 8, isolate the hazard area and deny entry to unnecessary and unprotected personnel.**

**Environmental Precautions:** Do not allow product to enter sewer or waterways.

**Clean-up Methods:** Keep unnecessary personnel away. Remove all sources of ignition. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Scrape up spilled material and place in a closed container for disposal.

## 7. HANDLING AND STORAGE

**Handling:** Do not taste or swallow. Avoid contact with eyes, skin and clothing. Avoid breathing vapors or mists of this product. Wash thoroughly after handling. Use only with adequate ventilation. Keep container closed.

**Storage:** Keep in a cool, well ventilated area away from heat, sparks and open flame. Keep container tightly closed until ready for use.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Employers should complete an assessment of all workplaces to determine the need for, and selection of, proper exposure controls and protective equipment for each task performed.**

Hazardous Components	ACGIH TLV	OSHA PEL	AIHA WEEL	OTHER
Polyurethane Hardener	None	None	None	None
Bio(methylthio)toluenediamine	None	None	None	None

**Engineering Controls:** Local exhaust ventilation is recommended when general ventilation is not sufficient to control airborne contamination.

**Respiratory Protection:** Use NIOSH approved respirator if there is potential to exceed exposure limits.

**Eye/Face Protection:** Safety goggles or safety glasses with side shields.

**Skin Protection:** Chemical resistant, impermeable gloves.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical State:** Liquid

**Color:** Gray

**Odor:** Slight, Amine

**Odor Threshold:** Not available

**pH:** Not available

**Vapor Pressure:** Not available

**Boiling Point/Range:** 500°F (260°C)

**Melting Point/Range:** Not available

**Specific Gravity:** 1.04

**Vapor Density:** Not available

**Flash Point:** >200°F (>93°C)

**Flammable Explosive Limits – Lower:** Not available

**Flammable Explosive Limits – Upper:** Not available

**Autoignition Temperature:** Not available

**Evaporation Rate:** Not available

**Solubility in Water:** Not available

**Partition Coefficient (n-octanol/water):** Not available

**VOC Content:** 7.84 g/l (value as mixed for use)

## 10. STABILITY AND REACTIVITY

**Stability:** Stable

**Hazardous Reactions:** Will not occur.

**Hazardous Decomposition Products:** Oxides of carbon. Oxides of nitrogen. Irritating organic fragments.

**Incompatible Materials:** Strong alkalis. Strong oxidizing agents.

**Conditions to Avoid:** Store away from incompatible materials. Exposure to moisture.

## 11. TOXICOLOGICAL INFORMATION

Hazardous Components	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen (Specifically Regulated)
Polyurethane Hardener	No	No	No
Bis(methylthio)toluenediamine	No	No	No

Hazardous Components	Health Effects/Target Organs
Polyurethane Hardener	No Data
Bis(methylthio)toluenediamine	No Data

## 12. ECOLOGICAL INFORMATION

**Ecological Information:** Not available

### 13. DISPOSAL CONSIDERATIONS

Information provided is for unused product only.

**Recommended method of disposal:** Dispose of according to Federal, State and local governmental regulations

**Hazardous Waste Number:** Not a RCRA hazardous waste.

### 14. TRANSPORT INFORMATION

#### U.S. Department of Transportation Ground (49 CFR)

**Proper Shipping Name:** Not regulated.

**Hazard Class or Division:** None.

**Identification Number:** None.

**Packing Group:** None.

#### International Air Transportation (ICAO/IATA)

**Proper Shipping Name:** Not regulated

**Hazard Class or Division:** None

**Identification Number:** None

**Packing Group:** None

#### Water Transportation (IMO/IMDG)

**Proper Shipping Name:** Not regulated

**Hazard Class or Division:** None

**Identification Number:** None

**Packing Group:** None

### 15. REGULATORY INFORMATION

#### United States Regulatory Information

**TCSA 8(b) Inventory Status:** All components are listed or are exempt from listing on the Toxic Substances Control Act Inventory

**TCSA 12(b) Export Notification:** None above reporting the minimum

**CERCLA/SARA Section 302 EHS:** None above reporting the minimum.

**CERCLA/SARA Section 311/312:** Immediate Health

**CERCLA/SARA Section 313:** None above reporting the minimum

**California Proposition 65:** No California Proposition 65 listed chemicals are known to be present.

#### Canada Regulatory Information

**CEPA DSL/NDSL Status:** All components are listed on or are exempt from listing on the Canadian Domestic Substances List

**WHMIS Hazard Class:** D.2.B

## 16. OTHER INFORMATION

This material safety data sheet contains changes from the previous version in sections: New Material Safety Data Sheet format.

**Prepared by:** Robert Bond, Manager, Regulatory Affairs

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