

Material Safety Data Sheet

Emergency Contact # - 800 535 5053

A. Trade Name - ClearWater-Part A Component

- ◆ **Chemical Name** - Polyurethane
- ◆ **Formula** - Polyurethane dispersion

DOT CLASS - NOT REGULATED
HMIS: H-2, F-1, R-0

B. First Aid Measures

- ◆ **Eyes** - Immediately flush eyes with plenty of water for at least 15 minutes holding lids apart. Call a physician
- ◆ **Skin** - Wash thoroughly with soap and water. If irritation develops and persists, see a physician. Wash clothes before reuse.
- ◆ **Inhalation** - Remove to fresh air. If not breathing give artificial respiration, preferably mouth to mouth. If breathing is difficult, give oxygen. Call a physician!
- ◆ **Ingestion** - May cause gastrointestinal distress, irritation ulceration. Drink large quantities of water. Consult a physician

C. Hazards Information

- ◆ **Fire and Explosion**
 - Flash point > 200°f
 - Auto-ignition temperature – N/A
- ◆ **Unusual Explosions and Fire Hazards** - Decomposition and combustion products may be toxic.

Health

- ◆ **Inhalation** - Irritation, sensitization and dermatitis.
- ◆ **Ingestion** - May cause gastrointestinal distress or irritation.
- ◆ **Skin** - Prolonged and repeated contact may cause irritation and result in sensitization and allergic reaction.
- ◆ **Eyes** - Vapor may cause irritation, redness and tearing. Liquid may cause severe irritation with possible irreversible injury.
- ◆ **Unusual Chronic Toxicity** - None known.
- ◆ **Permissible Concentration (Air)** - Not known

D. Precaution/Procedures

- ◆ **Ventilation** - Good mechanical ventilation and local exhaust
- ◆ **Normal Handling** - Do not get in eyes, on skin or clothing. Do not breathe vapors. Keep containers Closed. Use with adequate ventilation. Wash thoroughly after handling.
- ◆ **Storage** – Store in a cool, dry area away from heat, strong oxidizers. Protect from damage
- ◆ **Spill or Leak** - Absorb spill with sand, earth or vermiculite. Carefully collect into closed containers For disposal according to federal, state or local regulations.
- ◆ **Fire Extinguishing Precautions** - Wear full protective gear and NIOSH/MSHA approved self-contained breathing apparatus. Fire extinguishing agents to avoid - solid stream of splattering and spread hazard.
- ◆ **Fire Extinguishing Agents to Avoid** - solid stream of splattering and spread hazard.
- ◆ **Special Precautions/Procedures** - Cool containers exposed to flame with water spray.

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E. Personal Protective Equipment

- **Respiratory Equipment** - Organic chemical cartridge respirator, if needed.
- **Skin** - N/A
- **Engineering Controls** - N/A
- **Hygienic Practices** - N/A
- **Eyes** - Chemical splash - proof goggles.
- **Hands Arms and Body** - Rubber or polyethylene gloves and full body covering clothing.
- **Other Clothing & Equipment** - Eye wash fountain and safety shower.

F. Physical Data

- **Description**- Polyurethane dispersion
- **Boiling Point**->200°f
- **Vapor Density**- N/A
- **Solubility in water**- good
- **Evaporation rate** - nil

Specific gravity - 1.1
Vapor pressure - N/A
Ph-N/A % Volatiles (by
volume) - <130 g/l

G. Reactivity Data

- **Conditions To Avoid** - N/A
- **Stability** - Stable
- **Incompatible Materials** - Strong oxidizers, acids and isocyanates.
- **Hazardous Decomposition Products** - CO, CO2, not as a result of thermal decomposition.
- **Hazardous Polymerization** - Will not occur.

H. Ingredients/Mixtures

Ingredient	Percentage	CAS #
A. Amine	<4 %	Trade secret
B. Glycol ether	<10%	Trade secret

H. (Section II) Acute Toxicity Data

NO.	Acute Oral LD50	Acute Dermal LD50	Acute Inhalation LC50
A.	4,190 mg/kg rat	>2000 mg/kg rabbit	No Data
B.	1900 mg/kg rat	3100 mg/kg rabbit	No Data

H. (Section III) Exposure Limits

NO.	PEL/TWA	PEL/CEILING	TLV/TWA TLV/STEL
A.	No OSHA or ACGIH limits have been established for this product		

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I. Environmental

- **Biodegradability** - Not known
- **Waste Disposal Methods** - Dispose of as hazardous waste in approved waste disposal facilities in accordance with federal, state and local regulations.

J. References

- **Permissible Concentration References** - ACGIHTWA, TLV, and STEL
- **Regulatory Standards** - title 49 CFR section 173.118, 172.101
- **General** - NIOSH guide to chemicals

K. Transportation Information

Not regulated under current DOT, IMO or ICAO regulations.

L. State Regulatory Information

The following chemicals are specifically listed by individual States; other product specific health and safety data in other sections of the MSDS may also be applicable for State requirements. For details on your regulatory requirements you should contact the appropriate agencies in your State.

State Listed Component	Percent	State Code
NA		
NA		

*California proposition 65 footnote: the chemical identified is known to the state of California to cause cancer.

M. Additional Information

Empty Container Handling!
WARNING! Emptied container retains product residue and vapors.
 Observe all label precautions even after container is emptied.
 Do not cut, drill, grind, or weld on or near container.

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N. Environmental Data					
Section I		Product/Composition			
NO.	Component	CAS No.		Percentage	
A.	N/A				
B.	N/A				
Section II		Sara Title III Information			
NO.	EHS RQ (LBS)	EHS TPQ (LBS)	SEC 313	313 CATEGORY	311/312
CATEGORIES					
(*1)	(*2)	(*3)	(*4)	(*5)	
A.					
-----FOOTNOTES					
*1 = REPORTABLE QUANTITY OF EXTREMELY HAZARDOUS SUBSTANCE, SEC. 302					
*2 = THRESHOLD PLANNING QUANTITY, EXTREMELY HAZARDOUS SUBSTANCE, SEC. 302					
*3 = TOXIC CHEMICAL, SEC. 313					
*4 = CATEGORY AS REQUIRED BY SEC. 313 (40 CFR 372.65 C), MUST BE USED ON TOXIC RELEASE INVENTORY FORM					
*5 = HAZARD CATEGORY FOR SARA SEC. 313/312 REPORTING					
HEALTH H-1 = IMMEDIATE (ACUTE) HEALTH HAZARD H-2 = DELAYED (CHRONI					
HEALTH HAZARD					
PHYSICAL P-3 = FIRE HAZARD P-4 = SUDDEN RELEASE OF PRESSUR					
HAZARD					
P-5 = REACTIVE HAZARD					
Section III		Environmental Release Information			
KEEP OUT OF SURFACE WATERS, SEWERS, AND WATERWAYS ENTERING OR LEADING T					
SURFACE WATERS. NOTIFY AUTHORITIES IF ANY EXPOSURE TO THE GENERAL PUBLIC O					
ENVIRONMENT OCCURS OR IS LIKELY TO OCCUR.					
Section IV		RCRA Information			
IF THIS PRODUCT BECOMES A WASTE, IT WOULD NOT BE A WASTE BY RCRA CRITERIA					
CFR 261) PLACE IN AN APPROPRIATE DISPOSAL FACILITY IN COMPLIANCE WITH LOC					
REGULATIONS.					

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