



POLYCHEM VR

Air-Entraining Admixture

Material Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

U.S. Department of Labor

Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072

IDENTITY (As Used on Label and List)

POLYCHEM VR

Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

Section I

Manufacturer's Name GENERAL RESOURCE TECHNOLOGY	Emergency Telephone Number 800-324-8154
Address (Number, Street, City, State, and ZIP Code) 2978 CENTER COURT, EAGAN, MN 55121	Telephone Number for Information (651) 454-4151
	Date Prepared 8/1/2003
	Signature of Preparer (optional)

Section II — Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity: Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
Vinsol Resin (sodium resinate) CAS #61790-51-0	PEL N/E	TLV N/E		
Sodium hydroxide CAS #1310-73-2	PEL=2 mg/m3 8 HR TWA			
	TLV 2 mg/m3 CEILING			

Section III — Physical Chemical Characteristics

Boiling Point	N/A	Specific Gravity (H ₂ O = 1)	.999 to 1.081
Vapor Pressure (mm Hg.)	N/A	Melting Point	N/A
Vapor Density (AIR = 1)	N/A	Evaporation Rate Butyl Acetate = 1)	N/A

Solubility in Water

Miscible

Appearance and Odor

Dark amber liquid - slight odor.

Section IV — Fire and Explosion Hazard Data

Flash Point (Method Used) Non-Flammable	Flammable Limits N/A	LEL N/A	UEL N/A
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Extinguishing Media

Water spray, dry chemical, foam, carbon dioxide, or halon.

Special Fire Fighting Procedures

N/A

Unusual Fire and Explosion Hazards

N/A

(Reproduce locally)

OSHA 174, Sept. 1985

N/D - Not Determined

N/A - Not Applicable

N/E - None Established

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Section V — Reactivity Data

Stability	Unstable		Conditions to Avoid
	Stable	X	

Incompatibility (Materials to Avoid)

Strong oxidizing agents

Hazardous Decomposition or Byproducts

N/E

Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	X	

Section VI — Health Hazard Data

Route(s) of Entry:	Inhalation?	Skin?	Ingestion?
	No	Yes	Yes

Health Hazards (Acute and Chronic)

Irritant - skin and eyes.

Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulated?
	No	Not evaluated	No

Signs and Symptoms of Exposure

Eyes: May cause severe eye irritation. Skin: Causes skin irritation (See Below: Medical conditions generally recognized as being aggravated by exposure.) Inhalation: Dust may cause irritation of respiratory tract. Ingestion: May cause irritation of the mouth and gastrointestinal tract.

Medical Conditions

Generally Aggravated by Exposure **Any general medical condition that results in the weakening of the skin and eye tissue.**

Emergency and First Aid Procedures

Eyes: In case of contact, immediately flush with plenty of low pressure water for at least 15 minutes. Remove any contact lenses to ensure thorough flushing. Call a physician. Skin: Wash with soap and running water. Ingestion: If conscious, the person should immediately drink large quantities of liquid to dilute this product. Do NOT induce vomiting. Call a physician. Never give liquids to an unconscious person.

Section VII — Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled

Soak up with absorbent material and place in watertight containers for disposal.

Waste Disposal Method

Landfill in accordance with applicable local and federal regulations.

Precautions to Be Taken in Handling and Storing

Normal care to avoid skin and eye contact.

Other Precautions

None

Section VIII — Control Measures

Respiratory Protection (Specify Type)

None required

Ventilation	Local Exhaust	Special
	N/A	N/A
	Mechanical (General)	Other
	N/A	N/A

Protective Gloves

Rubber or plastic, chemical resistant.

Eye Protection

Chemical worker goggles.

Other Protective Clothing or Equipment

Appropriate protective clothing.

Work/Hygienic Practices

Normal care, eyewash fountains and safety showers should be easily accessible.

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HEALTH

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REACTIVITY

0

FLAMMABILITY

0

PERSONAL PROTECTION

X



SPLASH GOGGLES



PROPER GLOVES