



Material Safety Data Sheet

1

CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

ACRYLIC-GLAZE 24%

Rose Concrete Additive Co.
P.O. Box 1085
Pleasant Grove, Utah 84062
(801) 368-3824

Date: 6-11-02

CAS Registry Number Not applicable for mixtures.

Synonyms None.

Generic/ Chemical Name High solids Coating.

2

COMPOSITION/ INFORMATION ON INGREDIENTS

Hazardous Ingredients

Ingredient: Material Description	Percent by wt.	C.A.S. Registry Number	LEL	Vapor Pressure (mm Hg @ 20° C.)
Aromatics	60-80	1330-20-7	1	25

3

PHYSICAL DATA

Boiling Range: >284° F.
Vapor Pressure: 22 mm Hg @ 77° F.
Specific Gravity: 0.90
Evaporation Rate (Relative to
N-butyl acetate) Slower
pH: N/A
Appearance and Odor: Clear thin Liquid

Freezing Point: N/A
Vapor Density: Heavier than air
H2O Soluble: Slight (<0.1%)
Odor Threshold: No data
Volatile by Volume: 70%
Strong solvent odor

Flash Point (Method used)	80° F. (TCC)	Explosive Limits: LEL	1
		(% V in air) UEL	7
Auto-ignition Temp:	No data	Method:	N/A
OSHA Flammability Classification:	Class 1C Flammable Liquid		
Extinguishing Media:	Water Spray (Fog), Foam, Dry Chemical or Carbon Dioxide.		
Special Fire Fighting Procedures:	Fire Fighters must wear self-contained breathing apparatus or air masks. Containers exposed to fire should be kept cool with water spray. A water stream directed into the fire may cause frothing with subsequent spread of fire.		

Unusual Fire And Explosion Hazards:

Closed containers may explode due to build up of pressure when exposed to heat. Thermal decomposition or combustion of product may generate irritating and/or toxic gases. Vapor is heavier than air and may travel along the ground or floor and be ignited at locations distant from the source.

TOXICOLOGICAL INFORMATION

Ingredient Material Description	PEL (mg/m ³)	TLV (twa) (mg/m ³)	TLV (twa)		LD50 (mg/kg)		LC50 (ppm) Rat INHALE
			mg/m ³	ppm	RAT (oral)	RABBIT (dermal)	
AROMATICS	100 ppm	150 ppm	430	150	5000	N/A	5000 ppm/ 4

Health Hazard Data and Emergency/ First Aid Procedures

Threshold Limit Values: See Section '5'.

- ACUTE OVEREXPOSURE INFORMATION -

EYES:	Moderate irritant. May cause reversible corneal injury.
SKIN:	Moderate irritant. May cause dermatitis and allergic responses.
INHALATION:	Avoid inhaling. The product can produce central nervous system depression, and cause headaches, drowsiness and lack of coordination.
INGESTION:	May cause nausea and vomiting. No specific effects known.
NOTE:	Preexisting respiratory or skin condition(s) may be aggravated by exposure.

- CHRONIC OVEREXPOSURE INFORMATION -

1. No known quantities of the components of this product are listed as known or suspected carcinogens per NTP, IARC, or OSHA.
2. This product contains aromatic hydrocarbons. Chronic overexposure to aromatics may cause damage to the formed elements of the blood (e.g. red cells, which carry oxygen). Reports indicate that repeated and prolonged overexposure of the eyes to aromatic vapor may cause corneal injury.
3. This product contains aromatic hydrocarbons. Reports associate repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Reports also indicate that solvents cause liver damage, kidney damage, and mucous membrane irritation. Be warned that intentional misuse by deliberately inhaling the vapors and/or the product contents is process often called "sniffing" and may be harmful or fatal.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Any pre-existing respiratory or skin condition.

EMERGENCY AND FIRST AID PROCEDURES:

EYES:	Flush the eyes with plenty of water for at least 15 minutes. If necessary, gently hold the eyelids open during the flush. Obtain immediate medical attention.
SKIN:	Remove contaminated clothing and shoes. Wash affected area(s) thoroughly with soap and water.
INHALATION:	Move the victim into fresh air. If the victim has difficulty breathing, administer oxygen. Administer artificial respiration if the victim is not breathing. Obtain immediate medical attention.
INGESTION:	Obtain immediate medical attention. Do not induce vomiting. Should vomiting occur, be sure to keep victim's head below hips to avoid aspiration of vomit into the lungs.

7

REACTIVITY DATA

Stability: Stable.

Stability Conditions to Avoid: None.

Incompatibility (Materials to Avoid Contact With): Strong bases or acids.

Hazardous Decomposition Products: Fumes, smoke. Aldehydes, phenols, and acids from incomplete combustion.

Hazardous Polymerization: None.

8

SPILL OR LEAK PROCEDURES

Steps for Material Spillage:

Ventilate the area and remove all sources of ignition. Evacuate unnecessary personnel. Wipe up small spills with rags or towels. Put rags or towels in loosely covered containers in a well-ventilated area. Large spills should be handled carefully. Put on respiratory protection. Dike or impound spilled liquid. Cover the spill with absorbent compound (e.g., vermiculite, clay, or sand). Use non-sparking tools to sweep or shovel into containers. Cover loosely and remove in a well-ventilated waste area. Repeat sorbent/ sweep cycle until the spill has dried up. Rinse the spill area thoroughly with water. Flush the rinsings to the sanitary sewer or soak them up with absorbent material. Do not discharge undiluted product to the sanitary sewer.

Waste Disposal Methods:

Review all local, state, and federal regulations concerning health and pollution for appropriate disposal procedures. Do not incinerate closed containers.

9

SPECIAL PROTECTION INFORMATION

Respiratory Protection: Wear NIOSH/MSHA approved respiratory protection when the product is mixed or applied in a poorly ventilated area or if workplace levels of ingredients exceed the TLV. Follow applicable federal, state, and local regulations.

Ventilation: Use local exhaust (e.g., open windows, fans) as needed to keep vapor and dust levels below recommended limits.

Protective Equipment: Wear chemically resistant gloves (Natural rubber, supported PVA, neoprene, nitrile), eye goggles, and clean protective clothing to cover arms and legs and keep exposure to a minimum.

10

SPECIAL PRECAUTIONS

Handling and Storage Precautions

KEEP AWAY FROM EXTREME HEAT AND OPEN FLAMES.
AVOID CONTACT WITH EYES, CLOTHING, AND SKIN.
KEEP CONTAINER CLOSED WHEN NOT IN USE.
KEEP OUT OF REACH OF CHILDREN.

DO NOT TAKE INTERNALLY.
AVOID BREATHING VAPORS, ESPECIALLY THOSE
IN THE TOP OF THE SHIPPING CONTAINER.
USE WITH ADEQUATE VENTILATION.

11

REGULATORY DATA

VOC CONTENT: 650 Grams/ Liter excluding exempt compounds.

This product does not knowingly contain any materials listed by the State of California as known to cause cancer, birth defects, or other reproductive harm.