

Material Safety Data Sheet

Section 1: Product Information

Manufacturer's Name / Address:

Versatile Building Products
20420 Susana Road
Carson, CA 90810

Info. Phone:

310-632-6500

24 Hour Emergency Phone:

INFOTRAC (800) 535-5053

Trade Name:

Nanocrete Liquid

Chemical Family:

Acrylic Polymer

Intended Use:

Concrete Admixture

Initial Issue Date:

7/1/05

Revision Date:

NA

Prepared By:

M. Duarte

Section 2: Hazardous Ingredients

<u>Hazardous Component</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>Other Limits</u>	<u>% (Optional)</u>
Modified Acrylic Polymer (proprietary)	ND	ND	ND	35-50
Water	ND	ND	ND	35-50

VOC of Component: 40g/L

VOC As Applied: 0g/L

Section 3: Physical Data

Boiling Point (°C):	>100	Specific Gravity:	1.05
Vapor Pressure:	ND	Melting Point:	ND
Vapor Density:	>1	Evaporation Rate:	>1
(Air = 1)		(Butyl Acetate = 1)	
Solubility in Water:	Complete (100%)	pH:	5-6
Freezing Point	2°C		
Coefficient of Oil/Water Distribution:		NE	
Appearance and Odor:		White liquid with slight sweet odor	
Odor Threshold:		NE	

Section 4: Fire and Explosion Hazard

Flash Point (°C):	ND
Conditions of Flammability:	NA
Flammable Limits:	LEL: NE UEL: NE

Autoignition Temperature (°C):	NA
Hazardous Combustion Products:	Carbon dioxide, carbon monoxide if dry polymer is burning.
Sensitivity to Impact:	None
Sensitivity to Static Discharge:	None
Extinguishing Media:	Carbon dioxide, water spray if dry polymer is burning.
Special Firefighting Procedures:	No special procedure. Product as supplied is non-combustible.
Unusual Fire and Explosion Hazards:	Heated containers may rupture or explode.

(NA = Not Applicable) (NE = Not Established) (ND = No Data)
(NR = Not Required)

Section 5: Health Hazard Data

Primary Routes of Entry: ☒ Eye ☒ Inhalation ☒ Skin Contact ☐ Ingestion

Overexposure Effects: Inhalation of vapors may cause irritation in the respiratory tract.

Conditions Aggravated by Exposure: None known.

Health Hazards (Acute and Chronic Exposures):

Eyes

Acute:

May cause irritation.

Chronic:

None known.

Skin Contact

Acute:

May cause irritation.

Chronic:

None known.

Skin Absorption

Acute:

ND

Chronic:

ND

Inhalation

Acute:

May cause irritation.

Chronic:

None known.

Ingestion

Acute:

ND

Chronic:

ND

Emergency and First Aid Procedures:

General:

Remove effected person from area. Treat symptomatically.

Eyes:

Flush with water for 15 minutes. Seek medical assistance.

Skin:

Remove soiled clothing. Flush skin with water for 15 minutes.

Inhalation:

Remove effected person to fresh air away from the product. Give assisted respiration if breathing has stopped, or becomes labored. Seek medical attention immediately.

Ingestion:

Call a physician immediately. Remove stomach contents by gastric suction or induce vomiting only as directed by medical personnel.

Carcinogenic Data:

NTP: No

OSHA: No

IARC: No

Toxicological Data:

ND

Section 6: Reactivity Data

Chemical Stability: ☒ Stable ☐ Unstable

Conditions to Avoid: Freezing, boiling.

Incompatibility (Materials to Avoid) : Mineral acids and alkalis

Hazardous Decomposition Products: CO, CO₂, and oxides of nitrogen if combusted.

Hazardous Polymerization (Reactivity) : ☐ May Occur ☒ Will Not Occur

Section 7: Spill and Leak Procedures:

Steps to be Taken in Case of Material Release or Spillage: Ventilate area. Contain spill if large. Cover with absorbent material. Place in metal containers for recovery or disposal. Clean-up personnel must be equipped with self-contained breathing apparatus and butyl rubber protective clothing. Prevent entry into waterways.

Waste Disposal Methods: Comply with local, state, and federal regulation. Product can be chemically or biologically degraded, or incinerated by an approved waste disposal facility.

Ecological Information: ND

Ecotoxicity: ND

Section 8: Special Protection Information

Engineering Controls: General and local exhaust.

Respiratory Protection: None required in adequately ventilated areas. If vapor concentration exceeds 10ppm for longer than 15 minutes, a NIOSH approved respirator for organic vapors should be worn.

Protective Gloves: Nitrile or butyl rubber.

Eye Protection: Splash proof goggles or chemical goggles must be worn.

Other protective Equipment: Clothing that will cover exposed skin. Emergency showers and eye wash stations should be readily accessible.

Section 9: Handling and Storage

General: Keep away from oxidizers, acids, heat, open sources of ignition. Store and handle in well ventilated areas. Store between 50-80F in dry containers.

Section 10: Supplemental Information

Health: 1

Flammability: 0

Reactivity: 0

DOT Proper Shipping Name: Resin Compound – Not DOT Regulated // Keep from freezing.

Hazard Class : NA

UN Number: NA

Packing Group: NA

IMO Shipping Data: Refer to Bill of Lading.

ICAO/IATA Shipping Data : Resin Compound - Not IATA Regulated // Keep from freezing.

TSCA (Toxic Substance Control Act) :

All components are listed in the TSCA chemical substance inventory.

CERCLA (Comprehensive Response Compensation and Liability Act):

ND

SARA Title III:

Section 312 Hazard Class: None.

Section 313 Listed Ingredients: None)

California Proposition 65 : Below is a list of compounds known to the State of California to cause cancer, birth defects, or other reproductive harm:

None.

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, express or implied, is made with respect to the accuracy of the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects, which may be caused by exposure to our products. Customers and users of this product must comply with all applicable health and safety laws, regulations and orders.