

Material Safety Data Sheet

Section 1: Product Information

Manufacturer's Name / Address:

Versatile Building Products
20420 S. Susana Road
Carson, CA 90810

Info. Phone:

310-632-6500

24 Hour Emergency Phone:

INFOTRAC (800) 535-5053

Trade Name:

4001 B Comp

Chemical Family:

Amine Dispersion

Intended Use:

Architectural Coating

Initial Issue Date:

7/10/01

Revision Date:

3/5/7

Prepared By:

P. Dalvi

Section 2: Information on Ingredients

<u>Ingredient (CAS #)</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>Other Limits</u>	<u>% (Optional)</u>
Isophorone Diamine (002855-13-2)	ND	ND	ND	NR, 1-5%

VOC of Component: 0 g/L

VOC As Applied: 32 g/L

Section 3: Physical Data

Boiling Point (°C): >100

Vapor Pressure: ND

Vapor Density: >1

(Air = 1)

Solubility in Water: Miscible

Freezing Point NE

Coefficient of Oil/Water Distribution:

Specific Gravity: 1.06

Melting Point: ND

Evaporation Rate: >1

(Butyl Acetate = 1)

pH: 9-10

Appearance and Odor:

NE

Amber liquid with amine odor.

Odor Threshold:

NE

Section 4: Fire and Explosion Hazard

Flash Point (°C): >100 (TCC)

Conditions of Flammability: NA

Flammable Limits: LEL: NE UEL: NE

Autoignition Temperature (°C): NE

Hazardous Combustion Products: Carbon dioxide, carbon monoxide, oxides of nitrogen.

Sensitivity to Impact: None

Sensitivity to Static Discharge: None

Extinguishing Media: Foam, water spray, dry chemical.

Special Firefighting Procedures: Use self contained breathing apparatus and protective clothing.

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: Irritation, rashes, breathing difficulty.

Conditions Aggravated by Exposure: Upper respiratory conditions, skin conditions, previous sensitizations to epoxy

Health Hazards (Acute and Chronic Exposures):

Eyes

Acute:

Irritation, redness, burns.

Chronic:

Clouding of the cornea, tearing.

Skin Contact

Acute:

Irritation, redness, pain.

Chronic:

Allergic reactions and sensitization may occur.

Skin Absorption

Acute:

ND

Chronic:

ND

Inhalation

Acute:

Vapors may cause damage to contacted tissue and produce scarring.

Chronic:

Sensitization and allergic reactions.

Ingestion

Acute:

May cause irritation and bleeding of the gastrointestinal tract.

Chronic:

Scarring of exposed tissues may occur.

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. If symptoms persist, seek medical attention.

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:

Give 3-4 glasses of water or milk if person is conscious. Do not induce vomiting. Obtain medical treatment.

Carcinogenic Data:

NTP: No

OSHA: No

IARC: No

Toxicological Data:

Oral LD50: >200mg/kg (rats)

Section 6: Reactivity Data

Chemical Stability: ☒ Stable ☐ Unstable

Conditions to Avoid: NA

Incompatibility (Materials to Avoid) : Oxidizing agents, strong acids, hypochlorites, and peroxides.

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: Shut off sources of ignition. Ventilate area. Contain spill if large. Cover with absorbent material. Place in metal containers for recovery or disposal. Prevent entry into waterways.

Waste Disposal Methods: Incineration is preferred. Comply with local, state, and federal regulation.

Ecological Information: CAS 002855-13-2 Isophoronediamine; Biodegradable.

Ecotoxicity: LC50 (96hour Zebra Danio) = 0.5-1.0mg/L

Section 8: Special Protection Information

Engineering Controls: General and local exhaust.

Respiratory Protection: None required in adequately ventilated areas. If vapor concentration exceeds 20ppm for longer than 15 minutes, a NIOSH approved respirator for organic vapors should be worn.

Protective Gloves: Nitrile 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: 2

Flammability: 0

Reactivity: 0

DOT Proper Shipping Name: Resin solution, not regulated.

Hazard Class : NA

UN Number: NA

Packing Group: NA

IMO Shipping Data: Resin solution, not regulated.

ICAO/IATA Shipping Data : Resin solution, not regulated.

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: Immediate health hazard.

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.

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