



Product Name: Dura-Kote Epoxy 100 (B)
Revision Date 04/10/13

SAFETY DATA SHEET

SECTION 1 Product and Company Identification

Product

Product Name: Dura-Kote Epoxy 100 (B)
Product Description: Finishing aid
Intended Use: Sealer for cementitious surfaces

Company

Manufacturer: SureCrete Design Products, Inc.
15246 Citrus Country Drive
Dade City, FL 33523
USA
Contact: 352-567-7973 (telephone general)
813-469-1408 (telephone 24 hour emergency)
813-469-1419
info@surecretedesign.com (e-mail)
352-521-0973 (facsimile)

SECTION 2 Hazards Identification

Health Hazards: Corrosive, Severe Eye Irritant, May cause skin sensitization

Physical Hazards: This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

SECTION 3 Composition / Information on Ingredients

This material is regulated as a mixture

Ingredient	CAS #	EC#	% (by weight)
Hazardous			
Bezyl Alcohol	100-51-6	NE	<60%
Isophorone Diamine	2855-13-2	NE	<30%
4,4'- Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane reaction products with 3-aminomethyl-3,5,5-trimethylcyclohexylamine	38294-64-3	NE	<40%
Hydroxyl benzoic Acid	69-72-7	NE	<1%

SECTION 4 First Aid Measures

Eye Contact: Rinse with running water for 30 minutes. Hold eyelids apart while irrigating. Check for contact lenses and remove them. Get medical attention.

Skin Contact: Wash affected area thoroughly with soap and water. Wash contaminated clothing with water before removal or wear gloves. Wash clothing before reuse. Clean shoes before reuse. Get medical attention.



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Inhalation: Move to fresh air. Administer artificial respiration if not breathing. If breathing is difficult, give oxygen. Remove, loosen tight fitting tie, belt, or other clothing. Get medical attention.

Ingestion: Get medical attention immediately. Do not induce vomiting.

SECTION 5 Fire Fighting Measures

Extinguishing Media: Alcohol resistant foam, CO₂, Dry chemical, water fog, water, dry powder, dry sand

Special Fire Fighting Equipment: Full protective equipment, including self-contained breathing apparatus required.

Special exposure hazard: toxic fumes liberated in fire conditions include nitric acid, ammonia, and other oxides of nitrogen.

SECTION 6 Accidental Release Measures

Personal precautions: Evacuate personnel to safe areas. Wear protective clothing; do not touch or walk through spilled material. Avoid contact with skin. Avoid breathing vapors. Wear appropriate respirator when ventilation is inadequate.

Environmental precautions: Prevent entry into waterways, soil, drains, and sewers.

Methods for clean-up: Absorb spill onto sand, vermiculite, or any other inert material. Scoop into containers for later appropriate disposal.

SECTION 7 Handling and Storage

Handling: Avoid contact with eyes, skin, and clothing. Avoid handling of vapor or mist. Do not permit eating, drinking near material. Keep in original container that remains tightly closed when not in use. Do not reuse container.

Storage: Keep containers tightly closed, in well ventilated place in temperatures between 0° - 50°C (32° - 125°F). This product must not come in contact with copper or copper alloys.

SECTION 8 Exposure Control / Personal Protection

Exposure limits: Benzyl Alcohol 10 ppm 44mg/m³ (TWA) WEEL

Engineering measures: Use only with adequate ventilation. Use local exhaust ventilation or other engineering controls to keep worker exposure within acceptable levels as required.

Hygiene Measures: Observe good industrial hygienic practices. Frequently launder or discard protective clothing, equipment.

Respiratory: Wear suitable NIOSH approved respirator when ventilation is inadequate. When spraying and/or in confined areas, a positive pressure air supplied respirator is mandatory.

Hand protection: Chemically compatible gloves

Eye protection: Safety glasses with side shields or chemical goggles



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Skin protection: Minimize skin contact with appropriate long-sleeved clothing

Environmental exposure controls: Emissions from work process equipment should be checked against requirements of appropriate environmental protection legislation. In some cases alteration to work process equipment may be necessary to reduce emissions to acceptable levels.

SECTION 9 Physical and Chemical Properties

General

Physical state: liquid
Color: pale straw
pH: alkaline

Safety Data

Flash point: 96°C / 205°F
Boiling point: 400°F / 205°C
Auto Ignition: 435°C (based on benzyl alcohol)
Vapor pressure (mm Hg.): <1 mmHg @ 25°C
Density: 8.3 pounds per gallon @ 25°C

SECTION 10 Stability and Reactivity

Hazardous polymerization is very unlikely to occur. Extreme heat, fire will produce noxious gases such as CO, CO₂, NO_x, amines, ammonias, and others. Avoid oxidizing agents and isocyanates and polyurethanes, as they will cause exothermic polymerization.

SECTION 11 Toxicological Information

Acute oral	LD50	Rat	.2000 mg/kg
Acute inhalation	LD50	Rat	.4 mg/l 4 hr. (OECD)
Acute dermal	LD 50	Rabbit	.200 mg/kg
Dermal irritation		Rabbit	corrosive
Eye irritation			severely irritating
Sensitization		Rabbit	strong potential
Mutagenicity		Ames in vitro	NEGATIVE

Other Toxicological Information: Not listed, classified, or regulated as carcinogenic by the following agencies: ACGIH, IARC, NTP, OSHA

SECTION 12 Ecological Information

Environmental Effects: Benzyl Alcohol is toxic to aquatic organisms. Adverse effects expected in aquatic setting

Persistence and degradability: No data, but expected to readily biodegrade

SECTION 13 Disposal Considerations



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Methods of disposal: Waste must be disposed of in accordance with federal, state, and local environmental control regulations. Do not heat empty containers with a torch, as they may contain residue.

Section 14 Transport Information

<i>Regulatory Information</i>	<i>UN number</i>	<i>Proper shipping name</i>	<i>Class</i>	<i>Packing group</i>	<i>Additional information</i>	<i>Marine pollutant</i>
DOT*	1760	Corrosive Liquids, N.O.S. (Isophoronediamine)	8	III		NA
IMO/IMDG class	1760	Corrosive Liquids, N.O.S. (Isophoronediamine)	8	III		No
IATA class	1760	Corrosive Liquids, N.O.S. (Isophoronediamine)	8	III		NA

SECTION 15 Regulatory Information

US FEDERAL

OSHA Classification: Hazardous Corrosive

CERCLA: No chemicals to report

SARA 302 Status: No chemicals to report

SARA 311/312 Classification: Immediate (acute) health hazard

SARA 313: No toxic chemicals to report

INTERNATIONAL REGULATIONS

AICS: Listed

Canada: Listed

European Inventory: All components are listed or exempted

MITI: Listed

DSL / NDSL: Listed

ENCS: Listed

PICCS: Listed

Korean, China Inventory List: Listed

STATE REGULATIONS

California Prop.65: This product contains trace elements known to the State of California to cause cancer, birth defects, or reproductive harm. California law requires the manufacturer to give the above warning in the absence of definitive testing to prove the defined risks do not exist.

SECTION 16 Other Information



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Hazard Ratings: HMIS

Health: 3

Flammability: 1

Physical Hazards: 0

Recommended restriction: For use by trained professionals, having read the complete MSDS

Key Legend:

ACGIH – American Conference of Governmental Industrial Hygienists

HMIS - National Paint and Coating Hazardous Materials Identification System

NFPA – National Fire Protection Agency

OSHA – Occupational Safety and Health Administration

WHIMS – Workplace Hazardous Materials Information System

AICS – Australian Inventory of Chemical Substances

MITI – Japanese Ministry of Trade and Industry Inventory Listing

DSL – Canadian Domestic Substance List

NDSL - Canadian Non-domestic Substance List

EINECS – European Inventory of Existing Commercial Chemical Substances Listing

PICCS – Philippines Inventory List

NTP – National Toxicology Program

IARC – International Agency for Research on Cancer

R – Risk Phrases

S – Safety Phrases

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