



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

SAFETY DATA SHEET

SECTION 1 Product and Company Identification

Product

Product Name: Dura-Kote Epoxy 100 (A)
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: Causes eye and skin irritation. May cause allergic skin reaction. May cause respiratory tract irritation.

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			
4,4'-Isopropylidenediphenol – Epichlorohydrin Copolymer	25068-36-6	NE	<95%
Oxirane Mono[(C12-14-alkyloxy)methyl] Dervis	68609-97-2	NE	<30%
Nonylphenol	84852-15-3	NE	<2%

SECTION 4 First Aid Measures

Eye Contact: Rinse with running water for 15 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: Wash out mouth with water. Remove dental work. Get medical attention immediately. Do not induce vomiting.

SECTION 5 Fire Fighting Measures

Extinguishing Media

Appropriate: Foam, CO₂, Dry chemical, water fog

Inappropriate: None known

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

Special exposure hazard: Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action should be taken involving any personal risk or without suitable training.

Hazardous combustion products: No specific data.

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 dry, cool, well ventilated place. Containers that have been opened must be carefully resealed and kept upright.

SECTION 8 Exposure Control / Personal Protection

Consult local authorities for acceptable exposure limits

Recommended monitoring procedures: If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or necessity to use respiratory protective equipment.

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



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

Respiratory: Wear suitable NIOSH approved respirator when ventilation is inadequate.

Hand protection: Chemically compatible gloves

Eye protection: Safety glasses with side shields

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: yellow

Odor: characteristic aromatic

Safety Data

Flash point: 93°C / 200°F

Vapor pressure (mm Hg.): <1.33 mbar

Water solubility: slightly

Vapor density (air = 1): >1

SECTION 10 Stability and Reactivity

Stability: Stable under normal conditions. Hazardous polymerization will not occur.

Conditions to avoid: Heat, flame, sparks, other sources of ignition; direct sunlight. Surfaces that are sufficiently hot may ignite liquid product, even in the absence of flame.

Materials to avoid: Strong oxidizing agents, strong acids, aliphatic amines.

Other hazards: Heating product >300°F may cause oxidative decomposition; >500°F polymerization may occur. Some combinations of resins and curing agents can produce exothermic reactions which in large masses can cause runaway polymerization.

Hazardous decomposition products: Under normal usage and storage conditions, decomposition products should not occur.

SECTION 11 Toxicological Information

Acute toxicity:

LD50 Oral Rat 30,000 mg/kg

LD50 Oral Mouse 20,000 mg/kg

LD50 Oral Rabbit 19.8 mg/kg



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LD50 Dermal Rat >1,200 mg/kg
LD50 Dermal Mouse >1,270 mg/kg
LD50 Dermal Rabbit 17,100 mg/kg

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

SECTION 12 Ecological Information

Environmental Effects: Material expected to be toxic to aquatic organisms. Adverse effects expected in aquatic setting

Persistence and degradability: Not readily biodegradable with potential to bioaccumulate

SECTION 13 Disposal Considerations

Methods of disposal: Waste must be disposed of in accordance with federal, state, and local environmental control regulations.

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					Not regulated	NA
CFR					Not regulated	NA
TDG					Not regulated	NA
IMO/IMDG class					Not regulated	No
IATA class					Not regulated	NA

SECTION 15 Regulatory Information

US FEDERAL

HCS Classification: Irritating material, sensitizing material

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

European Inventory: All components are listed or exempted

MITI: Listed

DSL / NDSL: Listed

ENCS: Listed

PICCS: Listed

Korean, China Inventory List: Listed



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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

Hazard Ratings: HMIS

Health: 2
Flammability: 2
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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