



Product Name: Dura-Kote WB Epoxy (B)
Revision Date 08/16/12

MATERIAL SAFETY DATA SHEET

SECTION 1 Product and Company Identification

Product

Product Name: Dura-Kote WB Epoxy (part "B")
Product Description: Finishing aid
Intended Use: Cementitious sealer

Company

Manufacturer: SureCrete Design Products, Inc.
15246 Citrus Country Drive
Dade City, FL 33523
USA

Contact: 352-567-7973 (telephone general)
800-424-9300 (telephone emergency – Chemtrec)
813-469-1408 (telephone 24 hour emergency)
813-469-1419 (telephone 24 hour emergency)
info@surecretedesign.com (e-mail)
352-521-0973 (facsimile)

SECTION 2 Hazards Identification

Most Important Hazards

WARNING!

Inhalation may cause central nervous system depression. Causes eye irritation. May cause respiratory tract and skin irritation. Heated material may cause thermal burns.

SECTION 3 Composition / Information on Ingredients

This material is regulated as a mixture

Ingredient	CAS #	EC#	% (by weight)
Hazardous			
4,4'-isopropylidenediphenol – Epichlorohydrin Copolymer	25068-38-6	NE	<80%
2- Butoxyethanol	111-76-2	203-905-0	<30%

SECTION 4 First Aid Measures

Eye Contact: Rinse with running water for 15 mins. Hold eyelids apart while irrigating. Get medical attention.

Skin Contact: Flush contaminated skin with plenty of water. Remove contaminated clothing. Launder clothing before reuse. Leather goods shall not be reused, but rather destroyed. Chemical burns must be treated promptly by a physician.

Inhalation: Move to fresh air. Administer artificial respiration if not breathing. If breathing is difficult, give oxygen. Get medical attention immediately.



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

SECTION 5 Fire Fighting Measures

Extinguishing Media:

Appropriate: Use an extinguishing agent suitable for the surrounding fire

Inappropriate: Do not use solid streams of water

Fire Fighting Procedures: Cool containers to prevent pressure buildup and possible explosion when exposed to extreme heat. Full protective equipment, including self-contained breathing apparatus required.

Unusual Fire and Explosion Hazard: Closed containers can explode due to buildup of pressure when exposed to extreme heat.

Hazardous Combustion Products: Oxides of carbon

Flammability Properties

Flash Point (Method): >72°C / 162°F

Flammable Limits (Approximate volume % in air): LEL: 1.1% / UEL: 10.6%

Autoignition Temperature: 244°C / 472°F

SECTION 6 Accidental Release Measures

Personal precautions: Evacuate personnel to safe areas. Ventilate area. Do not touch or walk through spilled material.

Environmental precautions: Prevent entry into waterways and soil.

Methods for clean-up: Eliminate all sources of ignition. Small spills may be diluted with water and mopped up, or absorbed with paper toweling and disposed into approved container. Larger spills absorb onto sand, vermiculite, or any other inert, non-combustible 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, smoking near material.

Storage: Keep containers tightly closed, in dry, cool, well ventilated place. Keep out of reach of children.

SECTION 8 Exposure Control / Personal Protection

Exposure limit values:

Component	Source	Type	Value
Butoxyethanol	ACGIH	TWA	20 ppm
	OSHA	TWA	50 ppm 240 mg/m ³
	NIOSH	IDLH	700 ppm
	ACGIH	CEILING	100 mg/ m ³ Aerosol only



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Occupational exposure controls: Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits.

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

Hand protection: Chemically compatible gloves

Eye protection: Safety glasses with side shields as a minimum

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

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

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: clear

Odor: ether-like

Safety Data

pH: not available

Boiling point: >169°C / 335°F

Flash point: >72°C / 162°F

Flammable limits (approximate volume % in air): LEL: 1.1% / UEL: 10.6%

Vapor pressure (mm Hg.): .6 mm/Hg @ 20°C / 68°F

Water solubility: negligble

Vapor density (air = 1): >1

Density: ~ 1 @ 20°C / 68°F

SECTION 10 Stability and Reactivity

Stability: Stable under normal conditions

Conditions to avoid: Exposure to sources of ignition. Strong oxidizers.

Materials to avoid: Strong acids and bases. Amines. Ammonia. Acid Chloride.

Hazardous decomposition products: Carbon Oxides.

Hazardous polymerization: will not occur under normal conditions

SECTION 11 Toxicological Information

Acute Toxicity

Route of Exposure	Conclusion / Remarks
Inhalation	
LD50 rat 700 ppm / 7 hours	



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Irritation: data available	Irritation of eyes, nose, and respiratory tract. May cause headaches and nausea.
<i>Ingestion</i>	
LD50 1746 mg/kg (rat)	
Irritation: data available	May cause weakness, confusion, anxiety
<i>Skin</i>	
LD50 >2000 mg/kg (rat)	
Irritation: data available	May cause irritation to the skin based on available literature
<i>Eye</i>	
Irritation: data available	Moderately irritating to the eyes based on available literature

Chronic / Other Effects

There are no recognizable hazards for human beings, if used as intended.

SECTION 12 Ecological Information

Ecotoxicity: Material expected to have low toxicity to aquatic organisms, and is not considered harmful

Mobility: Material dissolves in water. Under extreme circumstances may contaminate ground water.

Persistence and degradability

Biodegradation: expected to be biodegradable

Atmospheric oxidation: expected to degrade rapidly in atmosphere, does not undergo hydrolysis.

Bioaccumulation potential: low potential to bioaccumulate

SECTION 13 Disposal Considerations

Methods of disposal: This material may be safely incinerated or landfilled in accordance with federal, state, and local environmental control regulations.

Section 14 Transport Information

International transport regulations

This product is not regulated for transport as produced and packaged.

<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>
ADR/RID class					none	
IMDG class					none	
IATA class					none	

SECTION 15 Regulatory Information

TSCA (USA - Toxic Substance Control Act)



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All components of this product are listed on the U.S. Toxic Substances Control Act Inventory (TSCA Inventory) or are exempted from listing because of low volume or polymer exemption has been granted with 40 CFR 723.50

SARA Title III (USA – Superfund Amendments and Reauthorization Act)

311/312 Hazard categories
 Immediate and delayed health
 Fire hazard
313 Reportable Ingredients:
 2-Butoxyethanol CAS# 111-76-2 (<30%)
302 Extremely Hazardous Substances
 None

CERCLA (USA – Comprehensive Response Compensation and Liability Act)

None

California Prop 65, Safe Drinking Water and Toxic Enforcement Act of 1986

There are no chemicals present known to the state of California to cause cancer or reproductive toxicity.

CPR (Canadian Controlled Products Regulations)

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the SDS contains all the information required by the Controlled Products Regulations. WHMIS Classification : D2B

IDL (Canadian Ingredient Disclosure List)

Components of this product identified by CAS number and listed on the Canadian Ingredient Disclosure List are shown in section 3.

DSL / NDSL (Canadian Domestic Substances List / Non-Domestic Substances List)

Components of this product identified by CAS number are listed on the DSL or NDSL, or otherwise are in compliance with the New Substances Notification (NSN) regulations. Only ingredients classified as hazardous are listed in Section 3 unless otherwise indicated.

EINECS (European Inventory of Existing Commercial Chemical Substances)

Components of this product identified by CAS number are listed

SECTION 16 Other Information

National Paint and Coating Hazardous Materials Identification System - HMIS (R)

Health hazard rating – 2
Flammability rating – 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



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OSHA – Occupational Safety and Health Administration
NTP – National Toxicology Program
IARC – International Agency for Research on Cancer
R – Risk Phrases
S – Safety Phrases

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To the best of our knowledge the information contained here is accurate. However, neither the above named manufacturer nor any of its distributors assumes any liability whatsoever for the accuracy or the completeness of the information contained herein. Final determination of the suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.
