



Dura-Kote Epoxy 100 (Part "A") Material Safety Data Sheet

Section 1: Product & Company Information

Product Name: Dura-Kote Epoxy 100 (Part "A")
Manufacturer: SureCrete Design Products

Address: SureCrete Design Products
15246 Citrus Country Drive
Dade City, FL 33523

Emergency Phone: 1-800-544-8488
CHEMTREC: 1-800-424-9300

Service Used: 100% solids epoxy resin
Application: Sealer

Section 2: Ingredient Information

- Reaction products of Epichlorohydrin and Bisphenol A >60% CAS# 25085-99-9

Section 3: Physical/ Chemical Characteristics

Boiling Point: NA	Specific Gravity (H₂O = 1): 1.16
Vapor Pressure (mm Hg.): NA	Appearance and Odor: water-white to yellow liquid to semi-solid with faint epoxy odor
Vapor Density (Air = 1) : NA	
Solubility in Water: none	

Section 4: Fire and Explosion Hazard Data

Flash Point: 485°F	Flammable Limits	LEL: NA	UEL: NA
Extinguishing Media: CO ₂ , Dry chemical, Foam			
Special Fire Fighting Procedures: Wear positive pressure self-contained breathing apparatus.			
Unusual Fire and Explosion Hazard: none			

Section 5: Reactivity Data

Stability: Stable	Conditions To Avoid: Excess heating over long periods of time degrades the resin.
Incompatibility (Materials to Avoid): Bases	
Hazardous Decomposition or Byproducts: The by-products experienced in incomplete pyrolysis or combustion of epoxy resins are mainly phenolics, carbon monoxide, and water. The thermal decomposition products of epoxy resins should therefore be treated as potentially hazardous substances.	
Hazardous Polymerization: Will not occur with product alone. Masses in excess of one pound plus aliphatic amine will cause irreversible polymerization with considerable heat buildup	

Section 6: Health Hazard Data			
Route(s) of Entry:	Inhalation	Skin and Eye Contact	Ingestion
Health Hazards (Acute and Chronic): May cause severe eye irritation with corneal injury which may cause permanent impairment or blindness. May cause severe injury to skin with repeated or prolonged contact. Single dose oral toxicity is low, but may cause burns of the mouth and throat. Excessive exposure to breathing may cause irritation to upper respiratory tract.			
Carcinogenicity: Mutagenicity tests in vitro have been negative.			
Emergency and First Aid Procedures			
Inhalation: Move to fresh air. Get medical attention.	Skin Contact: Flush with water for 15 mins. while removing source of contamination. If skin is damaged or irritation or redness develop, get medical attention immediately	Eye Contact: Rinse with running water for 30 mins. Get medical attention immediately.	Ingestion: Get medical attention immediately. Do not induce vomiting. Give large amounts of water or milk if available.

Section 7: Precautions for Safe Handling and Use
Steps to Be Taken if Material is Released or Spilled: Large spill: dike up and pump into appropriate containers. Small spill: use noncombustible absorbent material (e.g. sand) and shovel into suitable containers.
Waste Disposal Method: Large quantities should be recovered. Collect small quantities in waste metal drums and dispose of in accordance with applicable federal, state, and local regulations.
Precautions to Be Taken in Handling and Storage: This product should not come in contact with copper or copper-bearing alloys. Normal precautions according to good housekeeping practices should be followed. Use and store in cool, dry, well ventilated areas.

Section 8: Control Measures
Respiratory Protection: Exposure guidelines are not established.
Ventilation
Local Exhaust: NE Mechanical (General): NE Special: NE Other: NE
Protective Gloves: Chemical Resistant Gloves Eye Protection: Safety goggles or face shield
Other Protective Clothing or Equipment: Eyewash and safety shower station / protective impervious clothing.
Work / Hygienic Practices: Normal good housekeeping practice



Dura-Kote Epoxy 100 (Part "B") Material Safety Data Sheet

Section 1: Product & Company Information

Product Name: Dura-Kote Epoxy 100 (Part "B")
Manufacturer: SureCrete Design Products

Address: SureCrete Design Products
15246 Citrus Country Drive
Dade City, FL 33523

Emergency Phone: 1-800-544-8488
CHEMTREC: 1-800-424-9300

Service Used: 100% solids epoxy hardener
Application: Catalyst

Section 2: Ingredient Information

- Cycloaliphatic amine <50% CAS# TS
- Benzyl Alcohol <50% CAS# 100-51-6
- Polyetheramine <50% CAS# TS

Section 3: Physical/ Chemical Characteristics

Boiling Point: 401°F	Specific Gravity (H₂O = 1): 1
Vapor Pressure (mm Hg.): 0.02mm/Hg @ 68°F	Appearance: Pale straw colored liquid
Vapor Density (Air = 1) : 5.88	Odor: Amine odor
Solubility in Water: moderately soluble	

Section 4: Fire and Explosion Hazard Data

Flash Point: 213°F	Flammable Limits	LEL: ND	UEL: ND
Extinguishing Media: CO ₂ , Dry chemical, Alcohol foam, Water Fog			
Special Fire Fighting Procedures: Full protective equipment			
Unusual Fire and Explosion Hazard: Self-contained positive pressure breathing apparatus			

Section 5: Reactivity Data

Stability: Stable under normal storage conditions	Conditions To Avoid: Can react strongly with epoxy resins at elevated temperatures.
Incompatibility (Materials to Avoid): Epoxy resins in uncontrolled conditions	
Hazardous Decomposition or Byproducts: Nitrogen oxides when burned.	
Hazardous Polymerization: Will not occur	

Section 6: Health Hazard Data			
Route(s) of Entry:	Inhalation	Skin and Eye Contact	Ingestion
Health Hazards (Acute and Chronic): May cause severe eye irritation with corneal injury which may cause permanent impairment or blindness. May cause severe injury to skin with repeated or prolonged contact. Single dose oral toxicity is low, but may cause burns of the mouth and throat. Excessive exposure to breathing may cause irritation to upper respiratory tract.			
Carcinogenicity: Mutagenicity tests in vitro have been negative.			
Emergency and First Aid Procedures			
Inhalation: Move to fresh air. Get medical attention.	Skin Contact: Flush with water for 15 mins. while removing source of contamination. If skin is damaged or irritation or redness develop, get medical attention immediately	Eye Contact: Rinse with running water for 30 mins. Get medical attention immediately.	Ingestion: Get medical attention immediately. Do not induce vomiting. Give large amounts of water or milk if available.

Section 7: Precautions for Safe Handling and Use
Steps to Be Taken if Material is Released or Spilled: Large spill: dike up and pump into appropriate containers. Small spill: use noncombustible absorbent material (e.g. sand) and shovel into suitable containers.
Waste Disposal Method: Large quantities should be recovered. Collect small quantities in waste metal drums and dispose of in accordance with applicable federal, state, and local regulations.
Precautions to Be Taken in Handling and Storage: This product should not come in contact with copper or copper-bearing alloys. Normal precautions according to good housekeeping practices should be followed. Use and store in cool, dry, well ventilated areas.
Steps to Be Taken if Material is Released or Spilled: Remove all potential sources of ignition. Confine spill & reclaim as much product as possible with absorbent inert material, then place in chemical waste container. Avoid runoff to storm drains and ditches that lead to waterways.
Waste Disposal Method: Dispose of in accordance with applicable federal, state, and local regulations.
Precautions to Be Taken in Handling and Storage: Normal precautions according to good housekeeping practices should be followed. Use and store in cool, dry, well ventilated areas away from potential sources of ignition and heat.

Section 8: Control Measures
Respiratory Protection: Exposure guidelines are not established.
Ventilation
Local Exhaust: NE Mechanical (General): NE Special: NE Other: NE
Protective Gloves: Chemical Resistant Gloves Eye Protection: Safety goggles or face shield
Other Protective Clothing or Equipment: Eyewash and safety shower station / protective impervious clothing.
Work / Hygienic Practices: Normal good housekeeping practice
Respiratory Protection: NIOSH approved respirator in enclosed area or when threshold levels are met. Use a positive pressure air supplied respirator when circumstances where airborne concentrations are expected to exceed threshold limits.