



SAFETY DATA SHEET

1. COMPANY AND PRODUCT INFORMATION

Product Name: Sundek SunEpoxy 40/400 Undercoat Part A
Recommended Use: Specialty Floor Coating Resin

Supplier
Sundeck Products USA, Inc.
805 Ave. H Suite 508
Arlington, Texas 76011
For health and safety questions:
Phone number (888) 390-0305
Fax number (817) 649-7292
E-mail: products@sundek.com

**For Chemical Emergency
Spill, Leak, Fire, Exposure, or Accident
Call CHEMTREC Day or Night**

Within USA and Canada: 1-800-424-9300
Outside USA and Canada: 1-703-527-3887
(collect calls accepted)

2. HAZARDS IDENTIFICATION

GHS Pictograms:



Signal Word: WARNING!

GHS Class: Acute Toxicity – Dermal 4
Skin Corrosion/Irritant 2B
Eye Damage/Irritation 2B
Acute Toxicity-Oral 4
Acute Toxicity-Inhalation 4

Hazard Statements: Causes eye irritation
Harmful in contact with skin
Harmful if swallowed
Harmful if inhaled

Precautionary Statements: Wear protective gloves/protective clothing.
Flush eyes thoroughly after eye contact.
Wash hands thoroughly after handling. Do not eat, drink or smoke when using.
Avoid breathing dust/fume/gas/mist/vapors/spray. Use only outdoors or in a well-ventilated area.

Health	2
Flammability	1
Physical Hazard	0

Hazard Codes: 0=Minimal Hazard, 1=Slight Hazard, 2=Moderate Hazard, 3=Serious Hazard, 4=Severe Hazard

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Identity	CAS No.	Concentration
Reaction products of epichlorohydrin and bisphenol A	25085-99-8	30-40%
Hydrous magnesium silicate	14807-96-6	1-10%
Isopropanol	67-63-0	1-10%
Glycidyl neodeconate	26761-45-5	20-30%
crystalline silica	14808-60-7	10-20%

4. FIRST-AID MEASURES

Eye Contact:	Immediately flush eyes with plenty of water for at least 30 minutes. Ensure adequate flushing of the eyes by separating the eyelids with fingers. Prompt medical attention is essential.
Skin Contact:	Immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Call a Physician if irritation persists. Wash clothing before reuse. Contaminated articles including shoes cannot be contaminated and should be destroyed to prevent reuse.
Inhalation:	If symptoms develop, move victim to fresh air. If symptoms persist, obtain medical attention.
Ingestion:	Do not induce vomiting. If patient is conscious and can swallow, give two glasses of water (16oz) Get immediate medical attention. Never give anything by mouth to an unconscious or convulsing person.
Signs and Symptoms:	Irritation as noted above. Skin sensitization (allergy) may be evidenced by rashes, especially hives.
Aggravated medical conditions:	preexisting skin and eye disorders may be aggravated by exposure to this product. Preexisting skin and lung allergies may increase the chance of developing increased allergy symptoms from exposure to this product.
Other Health Effects:	Based on animal studies, repeated exposure to components of this product may cause damage to liver, kidney, and respiratory systems. Reports have associated repeated and prolonged occupational exposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling vapors may be harmful or fatal.
Indication special treatment:	Contact a poison control center for additional treatment information. As a precaution, exposure to liquids, vapors, mists, or fumes should be minimized.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media:	Use alcohol type foam, dry chemical or CO ₂ .
Unsuitable Extinguishing Media:	N/A
Flash Point:	is 201o F TCC None known
Flammable Limits:	(% volume in air for solvents): LEL=N/A UEL = N/A
Special Fire Fighting Procedures:	Use water spray to cool fire Exposed surfaces and to protect personnel. If a leak or spill has not ignited, use ER spray to disperse the vapors. Contain the runoff stream. Try to cover liquid pills with foam. Do not enter confined fire space without full bunker gear (helmet With face shield, bunker coats , gloves, ad rubber boots), including a positive pressure IOSH approved self contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Steps to Take if Material is Released or Spilled:	Ventilate the area. Avoid breathing vapor. Use self-contained breathing apparatus or supplied air for large spills or confined areas.
Containment and Clean Up:	Contain spill if possible. Wipe up or absorb on suitable material and pick up with shovels. Do not use sawdust, wood chips, or other cellulosic materials to absorb the spill. Prevent entry into sewers and waterways. Dispose of in accordance with federal, state, and local regulations.

7. HANDLING AND STORAGE

Handling:	Ground all transfer equipment. Take precautionary measures against static discharge. Handle as an industrial chemical.
Storage:	Ground all transfer equipment. Take precautionary measures against static discharge. Handle as an industrial chemical. Keep container tightly closed when not in use. Practice good caution and personal cleanliness to avoid skin and eye contact. Hold bulk storage under nitrogen blanket. Store in a cool, dry place with adequate ventilation. Keep away from open flames and high temperatures.
Waste Disposal Method:	Dispose of material in accordance with federal, state, and local guidelines.

8. PERSONAL PROTECTION – EXPOSURE GUIDELINES

Component	CAS No.	Percent	Exposure Limits	Source
Reaction products of epichlorohydrin and bisphenol A	25085-99-8	30-40%	None established	
Hydrous magnesium silicate	14807-96-6	1-10%	None established	
Isopropanol	67-63-0	1-10%	400 ppm PEL/TWA, 400 ppm TLV/TWA 500 ppm TLV/STEL	OSHA ACGIH
Glycidyl neodeconate	26761-45-5	20-30%	none established	
crystalline silica	14808-60-7	10-20%	0.1 mg/m ³ (respirable dust) PEL/TWA, TLV/TWA	OSHA ACGIH

Respiratory Protection:	Use respirator protection, NIOSH-approved particulate respirator or dust mask depending on exposure level. Avoid breathing of vapors or mists. Airborne concentrations should be kept to lowest levels possible.
Ventilation:	Provide adequate ventilation.
Protective Gloves:	Gloves required.
Eye Protection:	Safety glasses required.
Other Protective Clothing And Equipment:	Coveralls or apron to reduce skin contact and keep personal clothing free of dust. When handling large quantities, impervious suits, gloves, and rubber boots must be worn.
Work/Hygienic Practices:	Wash thoroughly with soap and water after handling and before eating, smoking, or using washroom. If clothes become contaminated, change to clean clothing and wash contaminated clothes before re-use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State Appearance:	Pigmented, opaque, viscous liquid.
Odor:	mild odor.
Freezing/Melting Point:	N/A
Boiling Point:	180
Melting Point:	No Data

Specific Gravity:	1.4
Flammability (solid, gas):	Not flammable
Lower/Upper Flammability:	LEL=2.0 UEL = 12.7 @ 77 degrees F
Solubility:	partially solubility
Vapor Density:	>1
Vapor Pressure:	N/A
Bulk Density:	15.5 – 16.5 Weight per gallon
Evaporation Rate:	2.3
pH:	N/A
Flash Point:	201 \downarrow F TCC
Partition Coefficient:	N/A
Auto Ignition Temperature:	N/A
Decomposition Temperature:	N/A
Viscosity:	N/A

10. STABILITY AND REACTIVITY

Reactivity:	N/A
Chemical stability:	Excess heating over long periods of time degrades the resin.
Hazardous reactions:	Will not occur by itself, but masses of more than 1 pound of product plus an aliphatic amine will cause irreversible polymerization with considerable heat buildup.
Conditions to avoid:	Exposure to heat, light, flame, or other sources of ignition. Can react vigorously with strong oxidizing agents, strong lewis or mineral acids, and strong mineral and organic base/especially primary and secondary amines. Reaction with some curing agent may produce considerable heat.
Incompatibility (Materials to Avoid)	N/A
Hazardous Decomposition:	Hazardous combustion products may include intense heat, dense black smoke, carbon monoxide, carbon dioxide, aldehydes, acids, phenolics, water, and hydrocarbon fragments.

11. TOXICOLOGICAL INFORMATION

Routes of Exposure:	N/A
Health Hazards:	Acute: N/A Chronic: N/A
Skin Contact:	May cause severe irritation. Has been known to cause allergic skin reaction in humans. Prolonged contact may cause blisters.
Eye Contact:	Irritating and will injure eye tissues if not removed promptly.
Inhalation:	High vapor concentrations are irritating to the eyes and respiratory tract, may cause headaches and dizziness, are anesthetic, and may have other central nervous system effects, including death.
Ingestion:	May be moderately toxic if swallowed.

Measures of toxicity:

Ingredient Name	CAS No.	%	Acute Oral LD50	Acute Dermal LD50	Acute Inhalation LC50
Reaction products of epichlorohydrin and bisphenol A	25085-99-8	30-40%	>5.0 g/kg	20.0 g/kg (rabbit)	no deaths in sat'd air, 8 hr
Hydrous magnesium silicate	14807-96-6	1-10%	not available	not available	not available
Isopropanol	67-63-0	1-10%	4.7 g/kg (rat)	12.7 g/kg (rabbit)	19.0 g/kg (rat)
Glycidyl neodeconate	26761-45-5	20-30%	9.6 g/kg (rat)	38.0 g/kg (rat)	not available
crystalline silica	14808-60-7	10-20%	no data available	no data available	no data available

12. ECOLOGICAL INFORMATION

Ecotoxicity: N/A

13. DISPOSAL CONSIDERATIONS

Waste Disposal: Dispose of in accordance with federal, state, and local regulations.

14. TRANSPORT INFORMATION

UN:	Not Classified
US DOT:	Not Classified
UN Shipping Class:	Not Classified
UN Packing Group:	Not Classified

15. REGULATORY INFORMATION

International Inventories and U.S. Regulations : All components of this product are listed on or are exempt from the following inventories:

Not meant to be all-inclusive. Selected regulations presented.

SARA Title III Section 311/312 hazards: Immediate health, delayed health, fire

WHMIS Classification: Classes D2, D2B

TSCA Status: listed on TSCA inventory

OSHA Hazard Comm. Std.: See Section 2

CA = California Haz. Subst. List; CA65 = California Safe Drinking Water and Toxics Enforcement Act List; CT = Connecticut Tox. Subst. List; FL = Florida Subst. List; IL = Illinois Tox. Subst. List; LA = Louisiana Haz. Subst. List; MA = Massachusetts Subst. List; ME = Maine Haz. Subst. List; MN = Minnesota Haz. Subst. List; NJ = New Jersey Haz. Subst. List; PA = Pennsylvania Haz. Subst. List; RI = Rhode Island Haz. Subst. List.+manufacturing, distribution, and intended use.

16. OTHER INFORMATION

The regulatory information provided is not intended to be comprehensive. Other Federal, State and Local regulations may apply to this material.

Disclaimer: The information and recommendations contained herein are, to the best of Sundek Products knowledge and belief, accurate and reliable as of the date issued. Sundek Products does not warrant or guarantee their accuracy or reliability, and Sundek Products shall not be liable for any loss or damage arising out of their use thereof. The information and recommendations are offered for the users' consideration and examination, and it is the users' responsibility to satisfy itself that they are suitable and complete for its particular use.