



SAFETY DATA SHEET

1. COMPANY AND PRODUCT INFORMATION

Product Name: Sundek SunEpoxy 40/400 Undercoat Part B
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 – Oral 4
Skin Corrosion/Irritant 2
Eye Damage/Irritation 2B
Acute Toxicity-Oral 4
Acute Toxicity-Inhalation 4

Hazard Statements: Causes eye irritation
Causes skin irritation
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 | 0 |
| 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 |
|-------------------------------|------------|---------------|
| Polyethylene polyamine adduct | N/A | 30-40% |
| 2-propoxyethanol | 2807-30-9 | 1-10% |
| Acetic acid | 64-19-7 | <5% |
| Water | 7732-18-5 | 40-50% |
| Hydrous magnesium silicate | 14807-96-6 | 1-10% |
| Crystalline silica | 14808-60-7 | 1-10% |
| | | |

4. FIRST-AID MEASURES

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| 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 remove contaminated clothing or shoes. 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: | Remove victim to fresh air and provide oxygen if breathing is difficult. Give artificial respiration if not breathing. Get medical attention. |
| Ingestion: | Do not induce vomiting. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs. Get immediate medical attention. |
| Signs and Symptoms: | Irritation as noted above. Skin sensitization (allergy) may be evidenced by rashes, especially hives. Respiratory tract sensitization (e.g., allergy, asthma) may be evidenced by wheezing with shortness of breath and cough. Damage to blood forming organs may be evidenced by easy fatigability and pallor (RBC effect). Damage to blood forming organs may be evidenced by decreased resistance to infection (WBC effect). Damage to blood forming organs may be evidenced by excessive bruising and bleeding (platelet effect). |
| 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: | It has generally been observed that aliphatic amines can cause changes in the lungs, liver, kidneys, and heart. In male and female rats exposed to greater or equal to 400 ppm vapor concentration of 2-propoxyethanol (2PE), toxic effects on the red blood cells (RBCs) with secondary effects on the spleen and transient hemoglaobinuria were observed. The NOEL in this study was 200 ppm. In pregnant rats exposed to 100 ppm to 400 ppm vapor concentration of 2-PE, no teratogenic or significant embryo/fetotoxicity was observed at all dose levels due to toxic effects on the RBCs. |
| 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

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| Suitable Extinguishing Media: | Use alcohol type foam, dry chemical or CO2. |
| Unsuitable Extinguishing Media: | N/A |
| Flash Point: | N/A Containers exposed to heat from fires should be cooled with water to prevent vapor pressure which could result in container rupture. Container areas exposed to direct flame contact should be cooled with large quantities of water as needed to prevent weakening of container structure. |
| Special Fire Fighting Procedures: | Material will not burn unless preheated. Do not enter confined fire space without full Bunker gear (helmet with face shield, bunker coats, gloves and Rubber boots), including a positive pressure NIOSH approved self-Contained breathing apparatus. Cool fire exposed containers with water. |

6. ACCIDENTAL RELEASE MEASURES

Protective Equipment: Wear respirator and protective clothing as appropriate.

Containment and Clean Up: May burn although not readily ignitable. Use cautious judgment when cleaning up large spills. Large spills: Shut off source of leak if safe to do so. Dike and contain. Remove with vacuum trucks or pump to storage/salvage vessels. Soak up residue with an absorbent such as clay, sand or other suitable material; dispose of properly. Flush area with water to remove trace residue. Small spills: Take up with an absorbent material and dispose of properly.

7. HANDLING AND STORAGE

Handling: Wear respirator and protective clothing as appropriate.

Storage: 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.

8. PERSONAL PROTECTION – EXPOSURE GUIDELINES

| Component | CAS No. | Percent | Exposure Limits | Source |
|----------------------------|------------|---------|---|---------------|
| Polyethylene polyamine | N/A | 30-40% | None established | |
| 2-propoxyethanol | 2807-30-9 | 1-10% | 25 ppm | Other |
| Acetic acid | 64-19-7 | <5% | 10 ppm PEL/TWA, TLV/TWA 15 ppm TLV/STEL | OSHA ACGIH |
| Hydrous magnesium silicate | 14807-96-6 | 1-10% | None established | |
| Crystalline silica | 14808-60-7 | 1-10% | 0.1 mg/m ³ (respirable dust), PEL/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 Clothing And Equipment: Avoid contact with eyes. Wear chemical goggles if there is likelihood of contact with eyes. Avoid prolonged or repeated contact with skin. Wear chemical resistant gloves and other clothing as required to minimize contact

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State Appearance: Opaque Colored Viscous Liquid

Odor: Ammonia and Solvent Odor

Freezing/Melting Point: N/A

Boiling Point: 212-301

Melting Point: No Data

Specific Gravity: 1.22

Flammability (solid, gas): N/A

| | |
|----------------------------|-------------------------------|
| Lower/Upper Flammability: | N/A |
| Solubility: | miscible |
| Vapor Density: | >1 |
| Vapor Pressure: | <20 |
| Bulk Density: | 15.5 – 16.5 Weight per gallon |
| Evaporation Rate: | <1 |
| pH: | N/A |
| Flash Point: | N/A |
| Partition Coefficient: | N/A |
| Auto Ignition Temperature: | N/A |
| Decomposition Temperature: | N/A |
| Viscosity: | N/A |

10. STABILITY AND REACTIVITY

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|--------------------------------------|---|
| Reactivity: | N/A |
| Chemical stability: | Stable. |
| Hazardous reactions: | Will not occur by itself. |
| 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: | Carbon dioxide, aldehydes, acids, and other organic compounds may be formed during combustion. |

11. TOXICOLOGICAL INFORMATION

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|---------------------|--|
| Routes of Exposure: | N/A |
| Health Hazards: | Acute: N/A Chronic: N/A |
| Skin Contact: | May cause moderately irritation. Product may be toxic and may be harmful if absorbed through the skin. May product damage to red blood cells. May cause skin sensitization. |
| Eye Contact: | Product may be severely irritating to the eyes. May cause corneal damage. |
| Inhalation: | Product may cause irritation to the nose, throat and respiratory tract. Product may be toxic if inhaled; may produce damage to red blood cells. May cause respiratory tract sensitization. |
| Ingestion: | May be moderately toxic if swallowed. |

Measures of toxicity:

| Ingredient Name | CAS No. | % | Acute Oral LD50 | Acute Dermal LD50 | Acute Inhalation LC50 |
|----------------------------|------------|--------|-------------------|--------------------|-----------------------|
| Polyethylene polyamine | N/A | 30-40% | no data available | no data available | no data available |
| 2-propoxyethanol | 2807-30-9 | 1-10% | 301 g/kg (rat) | 870 mg/kg (rabbit) | >2000 PPM/6h (rat) |
| Acetic acid | 64-19-7 | <5% | 3.31 g/kg (rat) | 1.06 g/kg (rabbit) | 5620/1h (rat) |
| Hydrous magnesium silicate | 14807-96-6 | 1-10% | no data available | no data available | no data available |
| Crystalline silica | 14808-60-7 | 1-10% | 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

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

15. REGULATORY INFORMATION

Not meant to be all-inclusive. Selected regulations presented. The components of this product are listed on the EPA/TSCA Inventory of chemical substances.

Protection of stratospheric ozone (pursuant to Section 611 of the Clean Air Act Amendments of 1990): per 40 CFR Part 82, this product does not contain nor was it directly manufactured with any Class I or Class II ozone depleting substances. In accordance with SARA Title III, Section 313, the attached environmental data sheet (EDS) should always be copied and sent with the MSDS.

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

WHMIS Classification:

TSCA Status: Listed on TSCA inventory

OSHA Hazard Comm. Std.: See Section 2

The following chemicals are specifically listed by individual states; Other product specific health and safety data in other sections of the MSDS may also be applicable for state requirements. For details on your regulatory requirements you should contact the appropriate agency in your state.

| <u>State listed component</u> | <u>Percent</u> | <u>State Code</u> |
|----------------------------------|----------------|---|
| Acetic acid (CAS No: 64-19-7) | <5% | CA, CT, FL, IL, MA, ME, MN, NJ, PA, RI |

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.

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.

