

**SAFETY DATA SHEET**

**SunEpoxy 54 Part B**



**SECTION 1. IDENTIFICATION**

Product name : SunEpoxy 54 Part B

**Manufacturer or supplier's details**

Company name of supplier : Sundek Products USA, Inc.  
Address : 805 Avenue H East, Suite 508  
Arlington, TX 76001  
United States of America (USA)

Emergency telephone number : Chemtrec: (800) 424-9300 or (703) 527-3887

**Recommended use of the chemical and restrictions on use**

Recommended use : Special Flooring Curative

**SECTION 2. HAZARDS IDENTIFICATION**

**GHS classification in accordance with 29 CFR 1910.1200**

Skin Corrosion : Category 2  
Eye damage : Category 1

**GHS label elements**



Hazard pictograms :

<b>Health</b>	<b>2</b>
<b>Flammability</b>	<b>1</b>
<b>Physical Hazard</b>	<b>0</b>

Signal word : Warning

Hazard statements : H302+H312: Harmful In Contact With Skin Or If Swallowed  
H314: Causes Severe Skin Burns And Eye Damage  
H317: May Cause An Allergic Skin Reaction

Precautionary statements : **Prevention:**  
P261: Avoid Breathing Dust/Fume/Gas/Mist/Vapors/Spray  
P264: Wash Skin Thoroughly After Handling  
P270: Do Not Eat, Drink Or Smoke When Using This Product  
P280: Wear Protective Gloves/ Protective Clothing/ Eye Protection/ Face Protection  
**Response:**  
P303+P353+P361: **If On Skin (Or Hair):** Remove/Take Off Immediately All Contaminated Clothing. Rinse Skin With Water/Shower  
P305+P351+P338: **If In Eyes:** Rinse Cautiously With Water For Several Minutes. Remove Contact Lenses, If Present And Easy To Do So. Continue Rinsing.  
P304+P340 **If Inhaled:** Remove Person To Fresh Air And Keep Comfortable For Breathing  
P301+P331: **If Swallowed:** Rinse Mouth. Do Not Induce Vomiting  
P337+P313: **If Eye Irritation Persists:** Get Medical Advice/Attention  
P361+P364: Take Off Contaminated Clothing And Wash Before Reuse  
**Disposal:**  
P501 Dispose of contents/container to an approved facility in accordance with local, regional, national and international regulations.

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### Hazardous components

Chemical name	Wt. %	CAS Number
Poly(oxy(methyl-1,2ethanediyl)), .alpha.-(2aminomethylethyl)-.omega.-(2aminomethylethoxy)	<5%	9046-10-0
Tetraethylenepentamine	<5%	112-57-2
Polyamine polymer	40-60%	Not Available
Water	20-30%	7732-18-5

### SECTION 4. FIRST AID MEASURES

General advice : Move out of dangerous area.  
Do not leave the victim unattended.  
Get medical attention immediately if symptoms occur.  
Show this safety data sheet to the doctor in attendance.

If inhaled : If breathed in, move person into fresh air.  
Call a physician or poison control center immediately.  
Keep patient warm and at rest.  
Keep respiratory tract clear.  
If breathing is difficult, give oxygen.  
If breathing is irregular or stopped, administer artificial respiration.  
If unconscious, place in recovery position and seek medical advice.  
Consult a physician immediately if symptoms such as shortness of breath or asthma are observed.

In case of skin contact : In case of contact, immediately flush skin with soap and plenty of water.  
Take off contaminated clothing and shoes immediately.  
Wash contaminated clothing before reuse.  
Thoroughly clean shoes before reuse.

Call a physician if irritation develops or persists.

In case of eye contact : Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.  
If easy to do, remove contact lens, if worn.  
Protect unharmed eye.  
Keep eye wide open while rinsing.  
If eye irritation persists, consult a specialist.

If swallowed : Gently wipe or rinse the inside of the mouth with water.  
If conscious: give 2 glasses of water.  
DO NOT induce vomiting unless directed to do so by a physician or poison control center.  
Keep respiratory tract clear.  
Keep at rest.  
If a person vomits when lying on his back, place him in the recovery position.  
Never give anything by mouth to an unconscious person.  
If symptoms persist, call a physician.  
Take victim immediately to hospital.

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### SECTION 5. FIREFIGHTING MEASURES

Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.  
Water Fog  
Alcohol Resistant Foam  
Halon or Carbon Dioxide (CO<sub>2</sub>)  
Dry powder

Sensitive to Static Discharge : None

Hazardous combustion products: CO, CO<sub>2</sub>, NH<sub>3</sub>, Nitrogen Oxides Can Be Produced If heated, Burned Or Reacted With Incompatible Materials. Nitrogen Oxides Can React With Water Vapors To Form Corrosive Nitric Acid.

Specific extinguishing methods : Cool containers/tanks with water spray.

Special protective equipment for firefighters : Wear an approved positive pressure self-contained breathing apparatus in addition to standard firefighting gear.

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### SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures : Immediately evacuate personnel to safe areas.  
Use personal protective equipment.  
If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials.  
Ensure adequate ventilation.  
Keep people away from and upwind of spill/leak.  
Only qualified personnel equipped with suitable protective equipment may intervene.

Environmental precautions : Do not allow uncontrolled discharge of product into the environment.  
Do not allow material to contaminate ground water system.  
Prevent product from entering drains.  
Prevent further leakage or spillage if safe to do so.  
Local authorities should be advised if significant spillages cannot be contained.  
If the product contaminates rivers and lakes or drains inform respective authorities.

Methods and materials for containment and cleaning up

: Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).  
Clean contaminated surface thoroughly.  
Sweep up or vacuum up spillage and collect in suitable container for disposal.  
Neutralize small spillages with decontaminant.  
Remove and dispose of residues.  
Keep in suitable, closed containers for disposal.

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## SECTION 7. HANDLING AND STORAGE

Technical measures : Ensure that eyewash stations and safety showers are close to the workstation location.

Local/Total ventilation : Use only with adequate ventilation.

Advice on protection against fire and explosion: Normal measures for preventive fire protection.

Advice on safe handling : For personal protection see section 8.  
Avoid formation of aerosol.  
Do not breathe vapors or spray mist.  
Do not breathe vapors/dust.  
Do not swallow.  
Do not get in eyes or mouth or on skin. Do not get on skin or clothing.  
Avoid exposure - obtain special instructions before use.  
Smoking, eating and drinking should be prohibited in the application area.  
Provide sufficient air exchange and/or exhaust in work rooms.  
Keep container closed when not in use.  
Open drum carefully as content may be under pressure.  
Dispose of rinse water in accordance with local and national regulations.  
Persons susceptible to skin sensitization problems or asthma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this mixture is being used.

Conditions for safe storage : Keep containers tightly closed in a dry, cool and well-ventilated place.  
Keep in properly labelled containers.  
Observe label precautions.  
Protect from moisture  
Electrical installations / working materials must comply with the technological safety standards.

Containers which are opened must be carefully resealed and kept upright to prevent leakage.

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Components with workplace control parameters

Component	CAS No.	Percent	Exposure Limits	Source
Poly(oxy(methyl-1,2-ethanediyl)), .alpha.-(2-aminomethylethyl)-.omega.-(2-aminomethylethoxy)	9046-10-0	<5	None established	
Tetraethylenepentamine	112-57-2	<5	None established	
Polyamine polymer	Not available	40-60	None established	

### Personal protective equipment

Respiratory protection : Respiratory protection required unless adequate ventilation is provided / available. Use OSHA approved respirators and follow all respiratory regulations.

Hand protection

Remarks

: Use chemical resistant gloves classified under Standard EN374: protective gloves against chemicals and microorganisms. Examples of glove materials that might provide suitable protection include: Butyl rubber, Chlorinated polyethylene, Polyethylene, Ethyl vinyl alcohol copolymers laminated ("EVAL"), Polychloroprene (Neoprene\*), Nitrile/butadiene rubber ("nitrile" or "NBR"), Polyvinyl chloride ("PVC" or "vinyl"), Fluoroelastomer (Viton\*).

When prolonged or frequently repeated contact may occur, a glove with protection class of 5 or higher (breakthrough time greater than 240 minutes according to EN374) is recommended.

When only brief contact is expected, a glove with protection class of 3 or higher (breakthrough time greater than 60 minutes according to EN374) is recommended. Contaminated gloves should be decontaminated and disposed of.

Notice: The selection of a specific glove for a particular application and duration of use in a workplace should also take into account all requisite workplace factors such as, but not limited to : other chemicals that may be handled, physical requirements (cut/puncture protection, dexterity, thermal protection), as well as instructions/specifications provided by the glove supplier.

Eye Protection

: Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists or dusts.  
Chemical splash goggles.  
Always wear eye protection when the potential for inadvertent eye contact with the product cannot be excluded.  
Please follow all applicable local/national requirements when selecting protective measures for a specific workplace.  
Ensure that eyewash stations and safety showers are close to the workstation location.

Skin and body protection	: Impervious clothing Choose body protection according to the amount and concentration of the dangerous substance at the work place. Recommended: Overall (preferably heavy cotton) or Tyvek-Pro Tech 'C' , Tyvek Pro 'F' disposable coverall.
Protective measures	: Personal protective equipment comprising: suitable protective gloves, safety goggles and protective clothing The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace. Ensure that eye flushing systems and safety showers are located close to the working place.
Hygiene measures	: Handle in accordance with good industrial hygiene and safety practice. Wash face, hands and any exposed skin thoroughly after handling. Remove contaminated clothing and protective equipment before entering eating areas. When using do not eat, drink or smoke. Contaminated work clothing should not be allowed out of the workplace. Wash hands before breaks and immediately after handling the product. Wash hands before breaks and at the end of workday.

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## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: liquid
Color	: Amber
Odor	: Ammoniacal Odor
Odor Threshold	: No data is available on the product itself.
pH	: N/A.
Freezing point	: No data is available on the product itself.
Melting point	: 0°C (32°F)
Boiling point	: 100°C (212°F)
Flash point	: 100°C (212°F) - PMCC
Evaporation rate	: <1
Flammability (solid, gas)	: No data is available on the product itself.
Flammability (liquids)	: No data is available on the product itself.
Upper explosion limit	: No data is available on the product itself.
Lower explosion limit	: No data is available on the product itself.
Vapor pressure	: <5 mmHg @ 70° F
Relative vapor density	: No data is available on the product itself.
Specific Gravity	: 1.09
Density	: No data is available on the product itself.
Solubility	: >500 g/L
Partition coefficient: n- octanol/water	: No data is available on the product itself.
Auto-ignition temperature	: No data is available on the product itself.
Thermal decomposition	: No data is available on the product itself.
Self-Accelerating decomposition temperature (SADT)	: No data is available on the product itself.
Explosive properties	: No data is available on the product itself.
Oxidizing properties	: No data is available on the product itself.

Particle size : No data is available on the product itself.

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### SECTION 10. STABILITY AND REACTIVITY

Chemical stability : Stable under normal conditions.  
Conditions to avoid : Avoid heat and flames. Can react vigorously with strong oxidizing agents, strong lewis or mineral acids, and strong mineral and organic bases/especially primary and secondary aliphatic amines. Reaction with some curing agents may produce considerable heat  
Incompatible materials : N/A  
Hazardous Decomposition Products: : Carbon monoxide, aldehydes, acids and other organic compounds may be formed during combustion.

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### SECTION 11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Eyes : Product may be severely irritating to the eyes. May cause corneal damage.

Skin Contact : Product may be moderately irritating to the skin. Product may be toxic and may be harmful if absorbed through the skin. May product damage to red blood cells. May cause skin sensitization.

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 : Product may be moderately toxic and may be harmful if swallowed; may produce damage to red blood cells.

Ingredient Name	CAS No.	%	Acute Oral LD50	Acute Dermal LD50	Acute Inhalation LC50
Poly(oxy(methyl-1,2-ethanediyl)), .alpha.-(2-aminomethylethyl)-.omega.-(2-aminomethylethoxy)	9046-10-0	<5	no data available	no data available	no data available
Tetraethylenepentamine	112-57-2	<5	>2000 mg/kg (rat)	>2000 mg/kg (rat)	no data available
Polyamine polymer	Not available	40-60	no data available	no data available	no data available

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### SECTION 12. ECOLOGICAL INFORMATION

EcoToxicity : N/A

Persistence and degradability : N/A

Bioaccumulative potential : N/A

Mobility in soil : N/A

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### SECTION 13. DISPOSAL CONSIDERATIONS

**Waste Disposal Methods:** Comply With All Federal, State And Local Regulations. Chemical And/Or Biological Degradation Is Feasible.

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### SECTION 14. TRANSPORT INFORMATION

**DOT Proper Shipping Name:** Environmentally Hazardous Substance, liquid, NOS,  
(Tetraethylenepentamine), 9, PG III

**UN Number:** UN3082

**Hazard Placard:** Marine Pollutant

**Hazard Class:** 9

**Packaging Group:** III

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### SECTION 15. REGULATORY INFORMATION

**TSCA (Toxic Substance Control Act):** All components are listed in the TSCA chemical substance inventory.

**CERCLA Reportable Quantity** : No Data

**SARA 311/312 Hazards** : Immediate (Acute) health hazard, delayed (Cronic) health hazard

**California Proposition 65**

Compounds in this product known to the State of California to cause cancer, birth defects or other reproductie harm: **NONE**

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### SECTION 16. OTHER INFORMATION

**Further information**

The information and recommendations in this publication are to the best of our knowledge, information and belief accurate at the date of publication, NOTHING HEREIN IS TO BE CONSTRUED AS A WARRANTY, EXPRESS OR OTHERWISE.

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