

SAFETY DATA SHEET

SunEpoxy 54 Part A



SECTION 1. IDENTIFICATION

Product name : SunEpoxy 54 Part A

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 1

GHS label elements

Hazard pictograms :



Health	2
Flammability	1
Physical Hazard	0

Signal word : Warning

Hazard statements : H317: May Cause An Allergic Skin Reaction

Precautionary statements : **Prevention:**
P280: Wear Protective Gloves/ Protective Clothing/ Eye Protection/
Face Protection
Response:
P308+P313: If Exposed Or Concerned: Get Medical
Advice/Attention.
P303+P361+353: 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

P337+P313: If Eye Irritation Persists: Get Medical Advice/Attention
P361+P364: Take Off Contaminated Clothing And Wash Before

Storage:

P405: Store Locked Up

Disposal:

P501 Dispose of contents/container to an approved facility in accordance with local, regional, national and international regulations.

Other hazards

None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous components

Chemical name	CAS Number	Concentration
Reaction products of epichlorohydrin and bisphenol A	25085-99-8	50-60%
Water	7732-18-5	40-50%

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.
Seek medical attention.
- 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 them in the recovery position.

Never give anything by mouth to an unconscious person.
If symptoms persist, call a physician.
Take victim immediately to hospital.

SECTION 5. FIREFIGHTING MEASURES

- Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Water
Halon or Carbon Dioxide (CO₂)
Dry powder
- Sensitive to Static Discharge : None
- Hazardous combustion products : CO, CO₂.
- Unusual Fire and
Explosive Hazards : Polymer film can burn, material can splatter above 100°C
- Special protective equipment for firefighters : Wear an approved positive pressure self-contained breathing apparatus in addition to standard firefighting gear.

SECTION 6. ACCIDENTAL RELEASE MEASURES

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. For additional precautions and advice on safe handling, see section 7. Never return spills in original containers for re-use. Make sure that there is a sufficient amount of neutralizing/ absorbent material near the storage area.

The danger areas must be delimited and identified using relevant warning and safety signs. Treat recovered material as described in the section "Disposal considerations". For disposal considerations see section 13.

- 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

Components	CAS-No.	Percent	Exposure Limits	Source
Reaction products of epichlorohydrin and bisphenol A	25085-99-8	50-60	None Established	
Water	7732-18-5	40-50	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.

Other protective equipment : Long sleeved shirts and trousers. Emergency showers and eye wash stations should be readily accessible.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : liquid

Color : Milky White

Odor : No data.

Odor Threshold : No data is available on the product itself.

pH : Neutral

Freezing point : No data is available on the product itself.

Melting point : No Data

Boiling point : >100°C (>212°F)

Flash point : >201°F TCC

Evaporation rate : No Data.

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 : 19.3 mmHg @70° F

Relative vapor density : No data is available on the product itself.

Specific Gravity : 1.11

Density : No data is available on the product itself.

Solubility

 Water solubility : No data is available on the product itself.

 Solubility in other solvents : No data is available on the product itself.

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.

SECTION 10. STABILITY AND REACTIVITY

Reactivity : No dangerous reaction known under conditions of normal use.

Chemical stability : Stable under normal conditions.

Possibility of 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 : 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.

Incompatible materials : 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.

SECTION 11. TOXICOLOGICAL INFORMATION

Likely Routes Of Exposure : Eye Contact, Skin Contact, Inhalation, Ingestion.

Eyes : May Cause Mild Irritation with Blurred Vision.

Skin Contact : Transient Irritation and Redness.

Skin Absorption : May cause severe irritation. Has been known to cause allergic skin reaction in humans. Prolonged contact may cause blisters.

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.

Ingredient Name	CAS No.	%	Acute Oral LD50	Acute Dermal LD50	Acute Inhalation LC50
Reaction products of epichlorohydrin and bisphenol A	25085-99-8	50-60	>5.0 g/kg	20.0 g/kg (rabbit)	no deaths in sat'd air, 8 hr
water	7732-18-5	40-50	No data	No data	No data

SECTION 12. ECOLOGICAL INFORMATION

Toxicity

Persistence And Degradability : N/A

Bioaccumulative Potential : N/A

Mobility In Soil : N/A

Ecotoxicity : N/A

SECTION 13. DISPOSAL CONSIDERATIONS

Waste Disposal Methods: Not A Hazardous Waste By RCRA Criteria (40 Cfr 261). Place In An Appropriate Disposal Facility In Compliance With All Federal, State And Local Regulations.

SECTION 14. TRANSPORT INFORMATION

DOT Proper Shipping Name: Not regulated.

UN Number: NOT A DANGEROUS GOODS

Hazard Class: N/A

Packaging Group: N/A

IMO Shipping Data: Not regulated.

ICAO/IATA Shipping Data: Not regulated.

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

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.+

SECTION 16. OTHER INFORMATION

Further information

Hazard Rating

HMIS: **Health 2** **Flammability 1** **Reactivity 0**

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