

SAFETY DATA SHEET

SunEpoxy 54 Part A



Revision Date: September 03, 2019

SECTION 1. IDENTIFICATION

Product name : SunEpoxy 54 Part A

Manufacturer or supplier's details

Company name of supplier : Sundek Products USA, Inc.
Address : 616 E Ave J
Grand Prairie, TX
75050
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/Irritation : Category 2A
Skin Sensitization : Sub-category 1
Reproductive Toxicity : Category 2

GHS label elements



Hazard pictograms :

Signal word : Danger!

Hazard statements : H315: Causes Skin Irritation
H317: May Cause An Allergic Skin Reaction
H319: Causes Serious Eye Irritation
H361: Suspected Of Damaging Fertility Or The Unborn Child
H370: Causes Damage To Organs (CNS, Eyes Respiratory Tract)
H372: Causes Damage To Organs Through Prolonged Or Repeated Exposure (Lungs, Skin)

Precautionary statements : **Prevention:**
P201: Obtain Special Instructions Before Use.
P202: Do Not Handle Until Safety Precautions Have Been Read And Understood
P261: Avoid Breathing Dust/Fume/Gas/Mist/Vapors/Spray
P264: Wash Skin Thoroughly After Handling
P270: Do No Eat, Drink Or Smoke When Using This Product
P272: Contaminated Work Clothing Should Not Be Allowed Out Of The Workplace
P273: Avoid Release To Environment
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
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
P391: Collect Spillage
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
Alkyl Phenol Polyetherl	Proprietary
Diacetone Alcohol	000123-42-2
Poly (Oxy-1,2-Ethanediy) Alpha- (2propylheptyl) -Omega-Hydroxy	160875-66-1
2 Propanyl, 1 Butoxy	005131-66-8
Oxiane, Mono [(C12-14-Alkoxy) Methyl] Derivs	068609-97-2

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 3-4 glasses of water or milk. 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.

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 (CO ₂) Dry powder
Sensitive to Static Discharge	: None
Hazardous combustion products	: CO, CO ₂ .
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.

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.	Value type (Form of exposure)	Control parameters / Permissible Concentration (ppm)	Basis
Alkyl Phenol Polyether	Proprietary	TWA	5 mg/m ³	OSHA
Diacetone Alcohol	000123-42-2	TWA	50	OSHA
Poly(Oxy-1,2-Ethanedyl), .Alpha-(2-Propylheptyl)-Omega-Hydroxy	160875-66-1	TWA	Not Established	OSHA
2 Propanol, 1 Butoxy	005131-66-8	TWA	Not Established	OSHA
Oxirane, Mono [(C12-14-Alkoxy) Methyl] Derivs.	068609-97-2	TWA	Not Established	OSHA

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	: Mild Odor
Odor Threshold	: No data is available on the product itself.
pH	: 8.0-11.5.
Freezing point	: No data is available on the product itself.
Melting point	: No Data
Boiling point	: >100°C (>212°F)

Flash point	: N/A
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	: No data is available on the product itself.
Relative vapor density	: No data is available on the product itself.
Specific Gravity	: 1.0-1.1
Density	: No data is available on the product itself.
Solubility	
Water solubility	: Dilutable
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.

Other Information

Volatiles by Volume (%)	: 67%
VOC	: 75 g/L

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	: Hazardous polymerization does not occur.
Conditions to avoid	: Avoid elevated temperatures.
Incompatible materials	: Oxidizing agents (peroxides, nitrates), acids
Hazardous Decomposition	: None Known

SECTION 11. TOXICOLOGICAL INFORMATION

Likely Routes Of Exposure	: Eye Contact, Skin Contact, Inhalation, Ingestion.
Eyes	: Acute – May Cause Mild Irritation With Blurred Vision.. Chronic– No Data.
Skin Contact	: Acute – Transient Irritation and Redness. Chronic – No Data.
Skin Absorption	: Acute – No Data Chronic – No Data
Inhalation	: Acute – Inhalation of Mists May Cause Mild Respiratory Tract Irritation. . Chronic- Excessive Exposure May Result in Reduced Fetal Weight, Increase In Fetal Deaths And Skeletal Malformations. .
Ingestion	: Acute – May Cause Mild Irritation Of The Gastrointestinal Tract Chronic – Excessive Exposure May Result in Reduced Fetal Weight, Increase In Fetal Deaths And Skeletal Malformations.

Acute Toxicity : No Data On The Product Itself

Acute Oral Toxicity- Components

Alkyl Phenol Polyether	LD50: >2000 mg/kg Species: Rat
CAS #000123-42-2	LD50: 4000 mg/kg Species: Rat
CAS #160875-66-1	LD50: >500 mg/kg Species: Rat
CAS #5131-66-8	LD50: >2124 mg/kg Species: Rat
CAS #68609-97-2	LD50: 17,100 mg/kg Species: Rat

Acute Dermal Toxicity- Components

Alkyl Phenol Polyether	LD50: >2000 mg/kg Species: Rat
CAS #123-42-2	LD50: 13,500 mg/kg Species: Rabbit
CAS #5131-66-8	LD50: >2000 mg/kg Species: Rat

Acute Inhalation Toxicity- Components

CAS #5131-66-8	LC50 (4 Hr): > 3,412 mg/L Species: Rat
	OECD Test Guidline 403

Skin Corrosion/Irritation:

Irritation

Serious Eye Damage/Eye Irritation:

Serious Eye Irritation

Sensitization:

May Cause An Allergic Reaction After A Single Exposure Or With
Repeated Or Prolonged Skin Contact

Specific Target Organ Systemic Toxicity (Single Exposure):

Category 3, Respiratory Tract, Category 2, Eyes, Blood, Liver

Specific Target Organ Systemic Toxicity (Repeated Exposure):

Category 2 Skin, Kidneys, Adrenal. Category 1 Lungs

Germ Cell Mutagenicity:

Animal testing On This Substance Indicate Possible Mutagen; Tests On
Bacterial And Mammalian Cell Cultures Did Not Show Mutagenic Effects.

Carcinogenic Data: *NTP*: None

OSHA: None

IARC: None

Teratogenicity: No

Mutagenicity: No

Embryotoxicity: No

Synergistic Material: No

Reproductive Toxicity:

Suspected Of Damaging Fertility Or the Unborn Child. Avoid Exposure To
Woman During Early Pregnancy.

SECTION 12. ECOLOGICAL INFORMATION

Toxicity

Aquatic Toxicity : No Data On The Product Itself

Acute Toxicity To Fish- Components

CAS #68609-97-2	: LC50 (96 Hrs): 1.8 g/l	Species: Rainbow Trout
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Acute Toxicity To Aquatic Invertebrates: Components

CAS #68609-97-2	: EC50 (48 Hrs): 7.2 mg/l	Species: Daphnia Magna
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Acute Toxicity To Algae/Aquatic Plants: Components

CAS #68609-97-2	: LC50 (72 Hrs): 844 mg/l	Species: Fresh Water Algae
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Toxicity To Bacteria: Components

No Data

Chronic Aquatic Toxicity:

No Data

Persistence And Degradability	
Biodegradability:	Based On Stringent Oecd Test Guidelines, This Material Cannot Be Considered Readily Biodegradable; However, These Results Do Not Necessarily Mean That The Material Is Not Biodegradable Under Environmental Conditions.
Biodegradation:	29%
Exposure Time:	28 Days
Method:	OECD Test Guideline 301B or Equivalent
Bioaccumulative Potential:	
<i>Bioaccumulation:</i>	Low
<i>Partition Coefficient:</i>	<i>N-Octanol/Water(LOG Pow): 3.77 @ 21.5°C Estimated</i>
Mobility In Soil	: Product Is Soluble In Water

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:	Amines, Liquid, Corrosive, N.O.S. (Benzene-1,3-Dimethaneamine)
UN Number:	UN 2735
Hazard Class:	8
Packaging Group:	III
IMO Shipping Data:	UN 2735, Amines, Liquid, Corrosive, N.O.S. (Benzene-1,3-Dimethaneamine), 8, PGIII
ICAO/IATA Shipping Data:	UN 2735, Amines, Liquid, Corrosive, N.O.S. (Benzene-1,3-Dimethaneamine), 8, PGIII

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

SARA 313 : None Above *de Minimus* Levels

California Proposition 65

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

SECTION 16. OTHER INFORMATION

Further information

Hazard Rating

HMIS: Health 2 Flammability 1 Reactivity 0

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