

SAFETY DATA SHEET

SAUEREISEN

Date Prepared : 05/04/2015

SDS No : SCC-250B

250 Conospread Chem & Food, Part B, Resin

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: 250 Conospread Chem & Food, Part B, Resin
PRODUCT DESCRIPTION: Conospread Chem & Food, Part B, Resin
PRODUCT CODE: 250FB50
PRODUCT FORMULATION NAME: 250 Conospread Chem & Food, Part B, Resin
CHEMICAL FAMILY: Epoxy Resin Compound

MANUFACTURER

Sauereisen
 160 Gamma Drive
 Pittsburgh, PA 15238
Emergency Contact: John Kozak
Emergency Phone: (800)424-9300
Alternate Contact: Don Schubert
Customer Service: 412 963-0303
E-Mail: jakozak@sauereisen.com

24 HR. EMERGENCY TELEPHONE NUMBERS

Poison Control Center (Medical):1-800-222-1222
 CHEMTREC (US Transportation): 1-800-424-9300
 CHEMTREC (Outside US):1-703-527-3887

2. HAZARDS IDENTIFICATION

GHS CLASSIFICATIONS

Health:

Respiratory Tract Irritation, Category 3
 Respiratory Sensitization, Category 1B
 Skin Irritation, Category 2
 Eye Irritation, Category 2B

GHS LABEL



Exclamation
mark



Health
hazard

SIGNAL WORD: DANGER

HAZARD STATEMENTS

H315: Causes skin irritation.
 H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled.
 H335: May cause respiratory irritation.
 H320: Causes eye irritation.

PRECAUTIONARY STATEMENTS

Prevention:

P261: Avoid breathing dust/fume/gas/mist/vapours/spray.
 P271: Use only outdoors or in a well-ventilated area.
 P285: In case of inadequate ventilation wear respiratory protection.
 P264: Wash ... thoroughly after handling.
 P280: Wear protective gloves/protective clothing/eye protection/face protection.

Response:

P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P312: Call a POISON CENTER/doctor/...if you feel unwell.

P342+P311: If experiencing respiratory symptoms: Call a POISON CENTER/doctor/...

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313: If eye irritation persists: Get medical advice/attention.

P302+P352: IF ON SKIN: Wash with plenty of water/...

P321: Specific treatment (see ... on this label).

P332+P313: If skin irritation occurs: Get medical advice/attention.

P362: Take off contaminated clothing.

Storage:

P403+P233: Store in a well-ventilated place. Keep container tightly closed.

P405: Store locked up.

Disposal:

P501: Dispose of contents/container in accordance with local/national regulations.

POTENTIAL HEALTH EFFECTS

EYES: Contact causes eye irritation.

SKIN: Moderate irritation and dryness. Prolonged or repeated exposure may result in sensitization.

INHALATION: Headache, nausea, and irritation to the nose and throat. Prolonged or repeated exposure may cause asthma.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
Oxirane, (chloromethyl)-	< 20	106-89-8
Silica, Amorphous	< 4	7631-86-9
2,3-epoxypropyl O-tolyl Ether	< 20	2210-79-9
NO. 250 PROPRIETARY ADDITIVES	< 5	

4. FIRST AID MEASURES

EYES: Check for and remove all contact lenses. Flush eyes immediately with water or physiological saline for at least 15 minutes while lifting upper and lower lids. Do not use eye ointment. Seek medical attention.

SKIN: Wash promptly with soap and water. If soaked through clothing, promptly remove clothing and wash skin. Launder clothing before reuse. Discard saturated shoes and leather clothing. For severe exposures, get under safety hower after removing clothing. Do not apply greases or ointments. Seek medical attention for incidents of significant exposure or if effects apparent.

INGESTION: Do not induce vomiting - vomiting will cause further damage to the throat. Dilute by giving water or milk to drink if victim is conscious. Seek immediate medical attention.

INHALATION: If difficulty breathing, move to fresh at air once. For acute overexposure, give oxygen if breathing is difficult. Apply artificial respiration if breathing has stopped. Keep patient warm and at rest. Seek immediate medical attention.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

EYES: Can cause redness, tearing, Irritation, inflammation and corneal opacity.

SKIN: Moderate irritation and dryness. Prolonged or repeated exposure may result in sensitization.

INHALATION: Headache, nausea, and irritation to nose and throat. Prolonged or repeated exposure may cause asthma.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Water fog, foam, carbon dioxide, and dry chemicals.

HAZARDOUS COMBUSTION PRODUCTS: Combustion products may be toxic.

EXPLOSION HAZARDS: Not sensitive to mechanical impact or static discharge

FIRE FIGHTING PROCEDURES: 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.

FIRE FIGHTING EQUIPMENT: Toxic fumes will be evolved when this material is involved in a fire. Self-contained breathing apparatus should be available for fire fighters.

FIRE EXPLOSION: None

SENSITIVE TO STATIC DISCHARGE: None

SENSITIVITY TO IMPACT: None

HAZARDOUS DECOMPOSITION PRODUCTS: May form toxic, unknown organic compounds, carbon dioxide and carbon monoxide during combustion.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Absorb with non-combustible, granular material (e.g. sand) Remove by mechanical means and place material in covered container temporarily for later disposal.

LARGE SPILL: Evacuate area. Turn off ignition sources. Stop leak, if possible without risk. Wear self-contained breathing apparatus and full protective clothing during clean up. Dike spill and pump into salvage tank. Absorb remaining liquid with sand or other non-combustible, granular material. Remove by mechanical means.

7. HANDLING AND STORAGE

GENERAL PROCEDURES: Avoid contact with eyes, skin and clothing.

For Industrial Use only!

Do not take internally.

May cause irritation.

Wear chemical splash goggles, gloves and protective clothing.

Wash thoroughly after handling.

STORAGE: Store in a cool, dry place.

Keep container closed when not in use.

Store away from direct heat and flame.

Keep away from food and drinking water.

Always mix well before using.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)				
EXPOSURE LIMITS				
Chemical Name	Type		ppm	mg/m ³
Oxirane, (chloromethyl)-	OSHA PEL	TWA	5	19
	ACGIH TLV	TWA	0.5	1.9
Silica, Amorphous	OSHA PEL	TWA	20 mpp	80
		STEL		6

ENGINEERING CONTROLS: Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Rubber framed or cup type goggles.

SKIN: Impervious gloves, neoprene, or other suitable long sleeved and legged clothing. Launder clothing before reuse.

RESPIRATORY: Use organic vapor cartridges in respirators. If TLV of any component is exceeded use appropriate respiratory protection or ventilate in accordance with OSHA Regulation 29 CFR Part 1910.V.

WORK HYGIENIC PRACTICES: Wash thoroughly after handling. Safety shower and eyewash station should be within direct access. Keep containers closed.

9. PHYSICAL AND CHEMICAL PROPERTIES

ODOR: Mild

ODOR THRESHOLD: Not Available

APPEARANCE: Viscous liquid

COLOR: Various

pH: Not Established

PERCENT VOLATILE: 25

FLASH POINT AND METHOD: Closed Cup

FLAMMABLE LIMITS: 0 to 0

AUTOIGNITION TEMPERATURE: Not Established

VAPOR PRESSURE: 12.25 mm Hg at (77°F)

VAPOR DENSITY: 12.25

MELTING POINT: Not Established

SOLUBILITY IN WATER: Moderate

SPECIFIC GRAVITY: 1

(VOC): 49

10. STABILITY AND REACTIVITY

REACTIVITY: Yes

HAZARDOUS POLYMERIZATION: No

STABILITY: Stable under normal conditions of use and storage.

CONDITIONS TO AVOID: Avoid heat, open flame, contact with incompatible materials, contaminants and moisture.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide, aldehydes, ketones, acids and various complex hydrocarbons may be formed during combustion.

INCOMPATIBLE MATERIALS: Avoid contact with strong oxidants, strong Lewis acids, strong mineral acids and organic bases.

11. TOXICOLOGICAL INFORMATION**ACUTE TOXICITY**

DERMAL LD₅₀: No data is available on the product itself.

Notes: Components:

Epichlorhydrin LD50 (mouse): 250 mg/kg

ORAL LD₅₀: No data is available on the product itself.

Notes: Components:

Epichlorhydrin LD50 (rat): 90 mg/kg

INHALATION LC₅₀: rat, no death in saturated air for 8 hours.

SERIOUS EYE DAMAGE/IRRITATION: Eye, Skin and Inhalation Irritant.

RESPIRATORY OR SKIN SENSITISATION: Respiratory Sensitizer.

GERM CELL MUTAGENICITY: Component Epichlorhydrin is listed as a possible human mutagen.

REPRODUCTIVE TOXICITY: This product contains Epichlorhydrin which may damage fertility or harm the unborn child.

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA: No data available. Contact Env. Dept.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Waste must be disposed of in accordance with federal, state, and local environmental control regulations.

Incineration is the preferred method.

PRODUCT DISPOSAL: Unused and uncontaminated product can be burned in suitable incineration plants or disposed of in a suitable landfill in accordance with the regulations issued by the appropriate federal, provincial, state, and local authorities.

EMPTY CONTAINER: Empty containers must be handled with care due to product residue. Decontaminate containers prior to disposal. Empty decontaminated containers should be crushed to prevent reuse. Do not heat or cut empty container with electric or gas torch. Gases may be highly toxic.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: Not Regulated

PRIMARY HAZARD CLASS/DIVISION: Not Regulated

15. REGULATORY INFORMATION

UNITED STATES

DOT LABEL SYMBOL AND HAZARD CLASSIFICATION

R36/37/38: Irritating to eyes, respiratory system and skin.

R42/43: May cause sensitization by inhalation and skin contact.

S3/9/49: Keep only in the original container in a cool, well-ventilated place.

S20/21: When using do not eat, drink or smoke.

S13: Keep away from food, drink and animal feedingstuffs.

S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S36/37/39: Wear suitable protective clothing, gloves and eye/face protection.

S38: In case of insufficient ventilation, wear suitable respiratory equipment.

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

311/312 HAZARD CATEGORIES: Chronic. Toxic.

PRESSURE GENERATING: No **REACTIVITY:** No **ACUTE:** No **CHRONIC:** Yes

313 REPORTABLE INGREDIENTS: There are no listed chemicals above detection limits in this compound.

EPCRA SECTION 313 SUPPLIER NOTIFICATION

Chemical Name	Wt.%	CAS
Oxirane, (chloromethyl)-	< 20	106-89-8

TITLE III NOTES: None above detection limits.

CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

Chemical Name	Wt.%	CERCLA RQ
Oxirane, (chloromethyl)-	< 20	100

TSCA (TOXIC SUBSTANCE CONTROL ACT)

Chemical Name	CAS
Oxirane, (chloromethyl)-	106-89-8
Silica, Amorphous	7631-86-9
2,3-epoxypropyl O-tolyl Ether	2210-79-9

TSCA STATUS: Components are included in the EPA Toxic Substances Control Act (TSCA) Chemical Substances Inventory.

CLEAN AIR ACT

Chemical Name	Wt.%	CAS
Oxirane, (chloromethyl)-	< 20	106-89-8

REGULATIONS

STATE REGULATIONS: California prop. 65: This product contains the following ingredients for which the State of California has found to cause cancer, birth defects or other reproductive harm, which would require a warning under the statute:
Epichlorohyrin

California prop. 65: This product contains the following ingredients for which the State of California has found to cause birth defects which would require a warning under the statute: Epichlorohyrin

California prop. 65: This product contains the following ingredients for which the State of California has found to cause cancer which would require a warning under the statute: Epichlorohyrin

Pennsylvania RTK: Epichlorohyrin

Florida: Epichlorohyrin

Minnesota: Epichlorohyrin

Massachusetts RTK: Epichlorohyrin

New Jersey: Epichlorohyrin

TSCA 8(b) inventory: Epichlorohyrin

TSCA 12(b) one time export: Epichlorohyrin

TSCA 12(b) annual export notification: Epichlorohyrin

CALIFORNIA PROPOSITION 65: Known to the State of California to cause cancer and reproductive toxicity and subject to warning and discharge requirements under the "Safe Drinking Act of 1986".

It has not been determined and cannot be ascertained that this product would not expose users to the listed chemicals at the very low level prescribed in the regulations. Therefore, it is the user's responsibility to determine if the percent of the hazardous / carcinogenic ingredients listed elsewhere in the SDS comply with State of California regulations.

Chemical Name	Wt.%	Listed
Oxirane, (chloromethyl)-	< 20	<ul style="list-style-type: none"> ● Cancer ● Male Reproductive

CANADA**WHMIS HAZARD SYMBOL AND CLASSIFICATION**

Toxic

R36/37/38: Irritating to eyes, respiratory system and skin.

R42/43: May cause sensitization by inhalation and skin contact.

S20/21: When using do not eat, drink or smoke.

S3/9/49: Keep only in the original container in a cool, well-ventilated place.

S13: Keep away from food, drink and animal feedingstuffs.

S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S38: In case of insufficient ventilation, wear suitable respiratory equipment.

S36/37/39: Wear suitable protective clothing, gloves and eye/face protection.

WHMIS CLASS: Class D, Division 2, Subdivision B: Materials cause other toxic effects, toxic material.

DOMESTIC SUBSTANCE LIST (INVENTORY): Components included on inventory

16. OTHER INFORMATION

PREPARED BY: John A Kozak

Date Prepared: 05/04/2015

HMIS RATING

HEALTH	<input type="checkbox"/>	2
FLAMMABILITY		1
PHYSICAL HAZARD		0
PERSONAL PROTECTION		G