

SAFETY DATA SHEET

SAUEREISEN

Date Prepared : 07/06/2015

SDS No : SCC-310B

310 Conothane Glaze, Part B, Resin

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: 310 Conothane Glaze, Part B, Resin
PRODUCT DESCRIPTION: Conothane Glaze, Part B, Resin
PRODUCT CODE: 310PB
PRODUCT FORMULATION NAME: 310 Conothane Glaze, Part B, Resin
CHEMICAL FAMILY: Aliphatic Acrylic Urethane

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:**

Target Organ Toxicity (Repeated exposure), Category 2
 Carcinogenicity, Category 2
 Skin Sensitization, Category 1B
 Respiratory Sensitization, Category 1B
 Eye Irritation, Category 2A
 Skin Irritation, Category 3
 Acute Toxicity (Inhalation), Category 4

Physical:

Flammable Liquids, Category 3

GHS LABEL

Flame



Health hazard



Exclamation mark

SIGNAL WORD: WARNING**HAZARD STATEMENTS**

H226: Flammable liquid and vapour.
 H316: Causes mild skin irritation.
 H319: Causes serious eye irritation.
 H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled.
 H317: May cause an allergic skin reaction.
 H332: Harmful if inhaled.
 H373: May cause damage to central nervous system through prolonged or repeated exposure.

H351: Suspected of causing cancer.

PRECAUTIONARY STATEMENTS

Prevention:

- P201: Obtain special instructions before use.
- P202: Do not handle until all safety precautions have been read and understood.
- P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- P233: Keep container tightly closed.
- P240: Ground and bond container and receiving equipment.
- P241: Use explosion-proof [electrical/ventilating/lighting/...] equipment.
- P242: Use non-sparking tools.
- P243: Take action to prevent static discharges.
- P260: Do not breathe dust/fume/gas/mist/vapours/spray.
- P264: Wash ... thoroughly after handling.
- P271: Use only outdoors or in a well-ventilated area.
- P272: Contaminated work clothing should not be allowed out of the workplace.
- P280: Wear protective gloves/protective clothing/eye protection/face protection.
- P285: In case of inadequate ventilation wear respiratory protection.

Response:

- P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
- P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.
- P312: Call a POISON CENTER/doctor/...if you feel unwell.
- P333+P313: If skin irritation or rash occurs: Get medical advice/attention.
- 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.
- P321: Specific treatment (see ... on this label).
- P362: Take off contaminated clothing.
- P308+P313: IF exposed or concerned: Get medical advice/ attention.
- P342+P311: If experiencing respiratory symptoms: Call a POISON CENTER/doctor/...
- P370+P378: In case of fire: Use carbon dioxide, foam, dry chemicals, or water spray to extinguish.

Storage:

- P403+P235: Store in a well-ventilated place. Keep cool.
- P405: Store locked up.

Disposal:

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

POTENTIAL HEALTH EFFECTS

EYES: May cause eye damage and pain.

INHALATION: Anesthetic, nervous system depression characterized by the following progressive steps: headache, dizziness, staggering gait, confusion, unconsciousness or coma. May irritate the nose, throat and respiratory tract. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal. May cause respiratory sensitization.

CARCINOGENICITY: Ethylbenzene has been shown to cause cancer in laboratory animals. The relevance of the finding to humans is uncertain. IARC has classified Ethylbenzene as a possible human carcinogen (Group 2B).

MEDICAL CONDITIONS AGGRAVATED: Asthma and other respiratory disorders (bronchitis, emphysema, and bronchial hyperactivity), skin allergies and eczema.

ROUTES OF ENTRY: Inhalation, ingestion and skin absorption.

TARGET ORGAN STATEMENT: Repeated and prolonged exposure has been associated with brain and nervous system damage.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
Xylenes (o-,m-,p- Isomers)	< 15	1330-20-7

Hexone	< 3	108-10-1
2-methoxy-1-methylethylacetate	< 10	108-65-6
N-butyl Acetate	< 10	123-86-4
Ethyl Benzene	< 5	100-41-4
Titanium Dioxide	< 40	13463-67-7

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 shower 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 air once. Apply artificial respiration if breathing has stopped. Seek medical attention.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

EYES: May cause eye damage and pain.

SKIN: Contact causes skin irritation.

INGESTION: Ingestion of large amounts of this material may be harmful.

INHALATION: Anesthetic, nervous system depression characterized by the following progressive steps: headache, dizziness, staggering gait, confusion, unconsciousness or coma. May irritate the nose, throat and respiratory tract.

CHRONIC EFFECTS: Reports have associated repeated and prolonged occupational exposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal. May cause respiratory and/or skin sensitization.

NOTES TO PHYSICIAN: Further treatment may be necessary. Contact local poison control center. Rinse mouth.

5. FIRE FIGHTING MEASURES

FLAMMABLE CLASS: Flammable

GENERAL HAZARD: Flammable in presence of open flame, sparks, excessive heat and static discharge.

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

HAZARDOUS COMBUSTION PRODUCTS: Combustion products may be toxic.

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: Containers may explode in heat of fire; cool containers with water. Vapors are heavier than air and may travel along the ground or may be moved by ventilation and ignited by pilot lights, other flames, sparks, heaters, smoking, electrical motors, static discharge, or other ignition sources at locations distant from material handling point.

SENSITIVE TO STATIC DISCHARGE: Sensitive to static discharge.

SENSITIVITY TO IMPACT: Sensitive to mechanical Impact

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

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Eliminate sources of ignition and ventilate spill area. Wear skin, eye and respiratory protection during clean-up. Use care to minimize the amount of this product that reaches the sewer. Soak up liquid with absorbent material and shovel into

waste container. Cover container and remove from work area. Wash down spill Area with hot water containing detergent and flush to a sewer serviced by a wastewater treatment facility.

LARGE SPILL: Eliminate all ignition sources (flares, flames, including pilot lights, electrical sparks). Stop spill at source, dike area of spill to prevent spreading. Pump liquid to salvage tank. Remaining liquid may be taken up with sand, clay, earth, floor absorbent, or other absorbent material and shoveled into containers.

SPECIAL PROTECTIVE EQUIPMENT: Wear full protective equipment, including respiratory equipment during clean-up.

7. HANDLING AND STORAGE

GENERAL PROCEDURES:

- Avoid contact with eyes, skin, and clothing.
- For industrial use only!
- Harmful if inhaled.
- Do not take internally.
- May cause irritation.
- Do not eat, drink or smoke when using this product.
- Wear chemical splash goggles, gloves and protective clothing.
- Avoid high ambient temperatures and humidity.
- 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.
- Store out of direct sunlight.
- DO NOT SMOKE where product is used or stored.
- Store in a well-ventilated place.
- Empty containers may have residue and flammable vapors. Do not expose to heat, cut, weld, or puncture empty containers.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)				
Chemical Name	EXPOSURE LIMITS			
	Type		ppm	mg/m ³
Xylenes (o-,m-,p- Isomers)	OSHA PEL	TWA	100	435
	ACGIH TLV	TWA	100	434
		STEL	150	651
Hexone	OSHA PEL	TWA	100	410
	ACGIH TLV	TWA	(50) N	-
		STEL	75	
2-methoxy-1-methylethylacetate	Supplier OEL	TWA	50	275
		STEL	100	550
N-butyl Acetate	OSHA PEL	TWA	150	710
	ACGIH TLV	TWA	150	713
		STEL	200	950
Ethyl Benzene	OSHA PEL	TWA	100	435
	ACGIH TLV	TWA	100	434
		STEL	125	543
Titanium Dioxide	OSHA PEL	TWA		15
	ACGIH TLV	TWA		10
	Supplier OEL	TWA	NL	NL
		STEL	NL	NL

ENGINEERING CONTROLS: Breathing vapors must be avoided. Ventilation must be sufficient to control vapors.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Safety glasses with side shields, chemical resistant goggles, or face shield. Contact lenses should not be worn.

SKIN: No special protection required. Wash skin after shift exposure.

RESPIRATORY: Use NIOSH approved mist respirator where spray occurs. For emergencies, a self contained breathing apparatus or a full-face respirator is recommended. If TLV of any component is exceeded, use appropriate respiratory protection or ventilate in accordance with OSHA Regulation 29 CFR 1910.

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: Faint Ketone

APPEARANCE: Liquid

COLOR: Clear

pH: Not Available

PERCENT VOLATILE: 47.4

FLASH POINT AND METHOD: (80°F)

FLAMMABLE LIMITS: 1.0 to 10.4

VAPOR PRESSURE: 13.833

VAPOR DENSITY: 13.833

BOILING POINT: (2.237°F) to (289°F)

SOLUBILITY IN WATER: None

EVAPORATION RATE: 1.64

SPECIFIC GRAVITY: 1.315

(VOC): 83

10. STABILITY AND REACTIVITY

REACTIVITY: Yes

HAZARDOUS POLYMERIZATION: No

STABILITY: Stable under normal conditions of use and storage.

CONDITIONS TO AVOID: Heat, sparks, static electricity, and open flames.

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

INCOMPATIBLE MATERIALS: Materials to avoid: Strong oxidants such as liquid chlorine, pure oxygen, or calcium hypochloride.

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY

DERMAL LD₅₀: No data available.

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

Notes: Components:

Ethyl Benzene: LD50, rat: 3,500 mg/kg

Methyl Isobutyl Ketone: LD50, rat: 1,080 mg/kg

N-Butyl Acetate: LD50, rat: 14,300 mg/kg

Propylene Glycol Methyl Ether Acetate: LD50, rat: 8,500 mg/kg

Xylene: LD50, rat: 4,300 mg/kg

INHALATION LC₅₀: No data is available on the product itself.

Notes: Components:

Methyl Isobutyl Ketone: LC50, rat: 2000 to 4000 ppm/4 hours

N-Butyl Acetate: LC50, rat: 1800 ppm/6 hours

Propylene Glycol Methyl Ether Acetate: LC50, rat: >4345 ppm/6 hours

Xylene: LC50, rat: 6700 ppm/4 hours

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

RESPIRATORY OR SKIN SENSITISATION: Skin and Respiratory sensitizer.

GERM CELL MUTAGENICITY: No Data Available

CARCINOGENICITY

IARC:

Ethylbenzene is possibly carcinogenic to humans (Group 2B).

REPRODUCTIVE TOXICITY: No Data Available

12. ECOLOGICAL INFORMATION

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

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Material should be disposed of as hazardous waste in accordance with Federal, state and local environmental regulations.

14. TRANSPORT INFORMATION**DOT (DEPARTMENT OF TRANSPORTATION)****PROPER SHIPPING NAME:** Paint**PRIMARY HAZARD CLASS/DIVISION:** 3**UN/NA NUMBER:** UN1263**PACKING GROUP:** III**LABEL:** Flammable Liquid**ROAD AND RAIL (ADR/RID)****PROPER SHIPPING NAME:** Paint**UN NUMBER:** UN1263**HAZARD CLASS:** 3**PACKING GROUP:** III**LABEL:** Flammable Liquid**AIR (ICAO/IATA)****SHIPPING NAME:** Paint**UN/NA NUMBER:** UN1263**PRIMARY HAZARD CLASS/DIVISION:** 3**PACKING GROUP:** III**LABEL:** Flammable Liquid**VESSEL (IMO/IMDG)****SHIPPING NAME:** Paint**UN/NA NUMBER:** UN1263**PRIMARY HAZARD CLASS/DIVISION:** 3**PACKING GROUP:** III**LABEL:** Flammable Liquid**CANADA TRANSPORT OF DANGEROUS GOODS****SHIPPING NAME:** Paint**UN/NA NUMBER:** UN1263**PRIMARY HAZARD CLASS/DIVISION:** 3**PACKING GROUP:** III**LABEL:** Flammable Liquid**15. REGULATORY INFORMATION****UNITED STATES****DOT LABEL SYMBOL AND HAZARD CLASSIFICATION**



Flammable
Liquid

Risk of explosion if heated under confinement.

R10: Flammable.

R20/21/22: Harmful by inhalation, in contact with skin and if swallowed.

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

S1/2: Keep locked up and out of reach of children.

S15: Keep away from heat.

S16: Keep away from sources of ignition — No smoking.

S3: Keep in a cool place.

S24/25: Avoid contact with skin and eyes.

S23: Do not breathe gas/fumes/vapour/spray (appropriate wording to be specified by the manufacturer).

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: Acute. Chronic. Fire Hazard. Irritant.

FIRE: Yes **ACUTE:** Yes **CHRONIC:** Yes

313 REPORTABLE INGREDIENTS: Ethylbenzene * 100-41-4 * <5% max weight

Xylene * 1330-20-7 * 10% max weight

Methyl Isobutyl Ketone * 108-10-1 * 5% max weight

EPCRA SECTION 313 SUPPLIER NOTIFICATION

Chemical Name	Wt.%	CAS
Xylenes (o-,m-,p- Isomers)	< 15	1330-20-7
Hexone	< 3	108-10-1
Ethyl Benzene	< 5	100-41-4

TITLE III NOTES: None above detection limits.

CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

Chemical Name	Wt.%	CERCLA RQ
Xylenes (o-,m-,p- Isomers)	< 15	100
Hexone	< 3	5,000
N-butyl Acetate	< 10	5,000
Ethyl Benzene	< 5	1,000

TSCA (TOXIC SUBSTANCE CONTROL ACT)

Chemical Name	CAS
Xylenes (o-,m-,p- Isomers)	1330-20-7
Hexone	108-10-1
2-methoxy-1-methylethylacetate	108-65-6
N-butyl Acetate	123-86-4
Ethyl Benzene	100-41-4
Titanium Dioxide	13463-67-7

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

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
Ethyl Benzene	< 5	Cancer

CANADA

WHMIS HAZARD SYMBOL AND CLASSIFICATION



Toxic



Flammable
Liquid

Risk of explosion if heated under confinement.

R10: Flammable.

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

S1/2: Keep locked up and out of reach of children.

S15: Keep away from heat.

S16: Keep away from sources of ignition — No smoking.

S3: Keep in a cool place.

S24/25: Avoid contact with skin and eyes.

S23: Do not breathe gas/fumes/vapour/spray (appropriate wording to be specified by the manufacturer).

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.

WHMIS CLASS: Class B, Division 2, Flammable Liquid.

Class D, Division 2, Subdivision A: Materials cause other toxic effects, very toxic material.

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:** 07/06/2015

HMIS RATING

HEALTH	*	3
FLAMMABILITY		2
PHYSICAL HAZARD		2
PERSONAL PROTECTION		H