# SAFETY DATA SHEET

**Date Issued :** 05/14/2015
**SDS No :** SCC-520B

## 520 Conoflex Membrane, Part B, Resin

## 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** 520 Conoflex Membrane, Part B, Resin
**PRODUCT DESCRIPTION:** Conoflex Membrane, Part B, Resin
**PRODUCT CODE:** 520GB
**PRODUCT FORMULATION NAME:** 520 Conoflex Membrane, Part A, Hardener
**CHEMICAL FAMILY:** Polymer Resin

**MANUFACTURER**

Sauereisen
160 Gamma Drive
Pittsburgh, PA 15238
**Emergency Contact:** John Kozak
**Emergency Phone:** (800)444-8235
**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 (Canada Transportation):1-703-527-3887

## 2. HAZARDS IDENTIFICATION

### GHS CLASSIFICATIONS

**Health:**

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

### GHS LABEL

Exclamation mark

**SIGNAL WORD:** WARNING

### HAZARD STATEMENTS

H335: May cause respiratory irritation.
H315: Causes skin irritation.
H320: Causes eye irritation.

### PRECAUTIONARY STATEMENTS

**Prevention:**

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

**Response:**

P302+P352: IF ON SKIN: Wash with plenty of water/...
P322: Specific measures (see ... on this label).
P332+P313: If skin irritation occurs: Get medical advice/attention.

P362: Take off contaminated clothing.
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.
P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P342+P311: If experiencing respiratory symptoms: Call a POISON CENTER/doctor/...
P312: Call a POISON CENTER/doctor/...if you feel unwell.

**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:** Irritating, and may injure eye tissue if not removed promptly.

**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 |
|---|---|---|
| Castor Oil | < 30 | 8001-79-4 |
| Titanium Dioxide | < 5 | 13463-67-7 |
| Carbon Black | < 1 | 1333-86-4 |
| Tin Compounds, Organic (as Tin) (casrn 77-58-7) | < 1 | 77-58-7 |
| Silica, Amorphous | < 1 | 7631-86-9 |
| Aluminum Oxide | < 1 | 1344-28-1 |
| Calcium Oxide | < 1 | 1305-78-8 |
| Sodium Oxide | < 1 | 1313-59-3 |
| Potassium Oxide | < 1 | 12136-45-7 |
| Aluminum Hydroxide | < 1 | 21645-51-2 |
| siloxanes and silicones, di-me, hydroxy-terminated, ethoxylated propoxylated | < 1 | 64365-23-7 |
| Methyl (n-amyl) Ketone | < 1 | 110-43-0 |
| 2-oxepanone, polymer with 2,2'-oxybis[ethanol] | < 60 | 36890-68-3 |
| 2-oxepanone, polymer with 2-ethyl-2-(hydroxymethyl)-1,3-propanediol | < 60 | 37625-56-2 |

## 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 - in general, no treatment is necessary unless large quantities of product are ingested, however, seek 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:** Causes pain, redness and tearing.

**SKIN:** Itching or Burning

**INGESTION:** Burning of mouth, throat, and stomach.

**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.

**EXPLOSION HAZARDS:** Dusts and aerosols at sufficient concentrations may exhibit explosive characteristics if ignited by static discharge or spark. Exercise care during dusting or misting operations such as grinding or drilling.

**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 EXPLOSION:** Containers may explode in heat of fire; cool containers with water.

**SENSITIVE TO STATIC DISCHARGE:** None

**SENSITIVITY TO IMPACT:** None

## 6. ACCIDENTAL RELEASE MEASURES

**SMALL SPILL:**

Avoid contact with material. Persons not wearing appropriate protective equipment should be excluded from the area of spill until clean-up is complete. Stop spill at source. Dike area to prevent spreading. Remaining product may be taken up by clay, diatomaceous earth or other absorbent and shoveled into disposal containers such as a dumpster or other common garbage receptacle. Residual material may be removed using steam or hot soapy water. Keep spark-producing equipment away from area. Observe environmental regulations and report spills as required to appropriate authoritiesPersonal Precautions: Avoid dust formation. Remove all sources of ignition. Ensure adequate ventilation. Use protective equipment. See also Section 8.

**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.

**GENERAL PROCEDURES:**

Trained personnel using pre-planned procedures should respond to uncontrolled releases. Proper protective equipment should be used. In case of spill, clear the affected area and prevent unprotected personnel from entering.

## 7. HANDLING AND STORAGE

**GENERAL PROCEDURES:** Avoid contact with eyes, skin, and clothing.
Avoid breathing dust.
For industrial use only!
Do not take internally.
May cause irritation.
Wear chemical splash goggles, gloves, and protective clothing.
Use adequate ventilation and employ respiratory protection where dust or fumes may be generated.
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/m³** |
| Titanium Dioxide | **OSHA PEL** | **TWA** | | 15 |
| | **ACGIH TLV** | **TWA** | | 10 |
| | **Supplier OEL** | **TWA** | NL | NL |
| | | **STEL** | NL | NL |
| Carbon Black | **OSHA PEL** | **TWA** | | 3.5 |
| | **ACGIH TLV** | **TWA** | | 3.5 |
| Tin Compounds, Organic (as Tin) (casrn 77-58-7) | **OSHA PEL** | **STEL** | | .2 |
| | **ACGIH TLV** | **TWA** | | .1 |
| Silica, Amorphous | **OSHA PEL** | **TWA** | 20 mpp | 80 |
| | | **STEL** | | 6 |
| Aluminum Oxide | **ACGIH TLV** | **STEL** | 10 | |
| Calcium Oxide | **OSHA PEL** | **TWA** | | 5 |
| | **ACGIH TLV** | **TWA** | | 2 |
| Sodium Oxide | **OSHA PEL** | **STEL** | | 5 |
| Potassium Oxide | **OSHA PEL** | **STEL** | | 5 |
| Aluminum Hydroxide | **ACGIH TLV** | **TWA** | | 2 |
| Methyl (n-amyl) Ketone | **OSHA PEL** | **TWA** | 100 | 465 |
| | **ACGIH TLV** | **TWA** | 50 | 233 |

**ENGINEERING CONTROLS:** Provide adequate general or local ventilation to keep vapors below PELs. Control vapor concentration & keep below PEL and accepted TLVs if established. Spark-proof fans not required.

**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:** No special requirements under ordinary conditions of use and with adequate ventilation. Self contained breathing apparatus recommended when used in small enclosed areas. Use NIOSH approved respirator with organic vapor cartridge if airborne levels exceed PELs and in emergency situations ( e.g. a large spill). If the TLV of any component is exceeded use appropriate respiratory protection or ventilate in accordance with OSH Regulation 29 CFR Part 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:** No appreciable odor.

**APPEARANCE:** Liquid

**COLOR:** Gray

**pH:** Not Established

**FLASH POINT AND METHOD:** (212°F) Closed Cup

**FLAMMABLE LIMITS:** NA to NA

**AUTOIGNITION TEMPERATURE:** Not Established

**BOILING POINT:** (392°F)

**MELTING POINT:** Not Established

**SOLUBILITY IN WATER:** None

**EVAPORATION RATE:** Not Established

**SPECIFIC GRAVITY:** 1.1

## 10. STABILITY AND REACTIVITY

**REACTIVITY:** Yes

**HAZARDOUS POLYMERIZATION:** No

**STABILITY:** Stable under normal conditions of use and storage.

**CONDITIONS TO AVOID:** Will react with Amines

**POSSIBILITY OF HAZARDOUS REACTIONS:** None Expected.

**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 $LD_{50}$:** No data available.

**ORAL $LD_{50}$:** 11.4 g/kg (rat)

**INHALATION $LC_{50}$:** rat, no death in saturated air for 8 hours.

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

**GERM CELL MUTAGENICITY:** No Data Available

**CARCINOGENICITY**

**NOTES:** Does not contain any substances greater than 0.1% listed by IARC (Internationa Agency for Research on Cancer), NTP ( National Toxicology Program), OSHA (Occupational Safety and Health Administration), ACGIH (American Conference for Governmental Industrial Hygienists) or EU (European Union)

**REPRODUCTIVE TOXICITY:** No Data Available

## 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**

**SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)**

**311/312 HAZARD CATEGORIES:** Irritant.

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

**TITLE III NOTES:** None above detection limits.

**TSCA (TOXIC SUBSTANCE CONTROL ACT)**

| Chemical Name | CAS |
|---|---|
| Castor Oil | 8001-79-4 |
| Titanium Dioxide | 13463-67-7 |
| Carbon Black | 1333-86-4 |
| Tin Compounds, Organic (as Tin) (casrn 77-58-7) | 77-58-7 |
| Silica, Amorphous | 7631-86-9 |
| Aluminum Oxide | 1344-28-1 |
| Calcium Oxide | 1305-78-8 |
| Sodium Oxide | 1313-59-3 |
| Potassium Oxide | 12136-45-7 |
| Aluminum Hydroxide | 21645-51-2 |
| siloxanes and silicones, di-me, hydroxy-terminated, ethoxylated propoxylated | 64365-23-7 |
| Methyl (n-amyl) Ketone | 110-43-0 |
| 2-oxepanone, polymer with 2,2'-oxybis[ethanol] | 36890-68-3 |
| 2-oxepanone, polymer with 2-ethyl-2-(hydroxymethyl)-1,3-propanediol | 37625-56-2 |

**CALIFORNIA PROPOSITION 65:** Known to the State of California to cause cancer or 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 |
|---|---|---|
| Carbon Black | < 1 | Cancer |

**CANADA**

**WHMIS HAZARD SYMBOL AND CLASSIFICATION**

Toxic

R36/38: Irritating to eyes and skin.
S24/25: Avoid contact with skin and eyes.
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.

**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:** 05/14/2015

**HMIS RATING**

| | |
|---|---|
| HEALTH | 2 |
| FLAMMABILITY | 1 |
| PHYSICAL HAZARD | 0 |
| PERSONAL PROTECTION | G |