

**Product Name:** Congoleum SU-106 Part B Seam Sealer

**Date Revised:** 10/30/2015

**Preparer:** LGD

**Reviewer:** TCG

**SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION**

Product Name: Congoleum SU-106 Part B Seam Sealer  
Manufacturer: Congoleum Corporation  
Address: 3500 Quakerbridge Road  
 Mercerville, NJ 08619  
 800-274-3266  
Emergency Phone: CHEM TEL at 800-255-3924 (24 Hours)  
Product Uses: Seam Sealer

**SECTION 2 – HAZARDS IDENTIFICATION**

**GHS Label Elements:**

Classification: Flammable Liquid (2)  
 Skin Irritant (2);  
 Eye Irritant (2A);  
 Acute Toxicity-Oral (4);  
 Acute Toxicity-Inhalation (4);  
 Acute Toxicity-Dermal (4)  
 STOST Single exposure (3)  
 Respiratory Tract Irritant  
 Skin Sensitizer (1)

Hazard Statement: Highly flammable liquid and vapor; Harmful in contact with skin; Causes skin irritation; May cause allergic skin reaction; Causes Serious eye irritation; Harmful if swallowed; May be harmful if inhaled; May cause respiratory irritation.

Signal Word: **DANGER**

Pictogram:



**Precautionary Statements:**

Keep out of reach of children; Read label before use; If medical advice is needed: Have product container or label at hand.

**Prevention:**

Keep container tightly closed; Keep away from heat, sparks, and open flame; No Smoking; Wear protective gloves and eye/face protection; Ground container and receiving equipment; Use explosion-proof electrical, ventilating, and lighting equipment; Take precautionary measures against static discharge; Use only non-sparking tools; Wash thoroughly after handling; Wear eye/face protection; Do not eat, drink or smoke when using this product area; Avoid breathing vapors and mist; In case of inadequate ventilation wear respiratory protection; Contaminated work clothing should not be allowed out of the workplace;

**Response:** In case of fire, use dry chemical or alcohol type foam for extinction; If skin irritation or rash occurs, get medical advice/attention; Take off contaminated clothing and wash before re-use; If eye irritation persists, get medical advice/attention; Rinse mouth; Call a **POISON CENTER** or doctor/physician if you feel unwell; **IF ON SKIN (or hair):** Remove immediately all contaminated clothing. Rinse skin with water; **IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue Rinsing; **IF SWALLOWED:** Call a **POISON CENTER** or doctor/physician if you feel unwell; **IF INHALED:** Remove to fresh air and keep at rest in a position comfortable for breathing; **IF INHALED:** Call a **POISON CENTER** or doctor/physician if you feel unwell; **IF ON SKIN:** Wash with plenty of soap and water.

**Storage:** Store in cool/well-ventilated place; Store locked up.

**Disposal:** Dispose of in accordance with local, regional, and national regulations.

### SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS Number	Weight %	GHS-US Classification
Ketone	Proprietary	<40	
Tetrahydrofuran	109-99-9	<40	Flammable Liquid (2); Eye Irritant (2A); Carcinogenicity (2); STOT-SE (3): Resp
Urethane bisoxazolidine	Proprietary	<10	
Naphtha light aromatic	64742-95-6	<5	Flammable Liquid (3); STOT-SE (3): Resp; Aspiration Hazard (1); Acute Toxicity-Inhalation (4); Chronic Aquatic Toxicity (2)

\*STOT-SE (3): Resp= Specific Target Organ Toxicity-Single Exposure (3) – Respiratory Tract Irritation

### SECTION 4 – FIRST AID MEASURES

**Eyes:** Flush thoroughly with water for at least 15 minutes. Hold eyelids apart to ensure flushing of entire eye surface. Remove contact lenses, if present and easy to do. Consult a physician immediately.

**Skin:** Immediately flush with water for 15 minutes. Wash the contaminated skin with soap and water. If clothing becomes contaminated, launder before reuse. If irritation or pain develops, get medical attention.

**Ingestion:** DO NOT induce vomiting. Call a physician at once; in the interim contact a poison control center. Administer water or milk, but DO NOT give anything by mouth if the person is unconscious or is having convulsions.

**Inhalation:** Move person to fresh air. Restore and support continued breathing. If breathing is difficult, give oxygen. Get immediate medical attention.

Most important symptoms/effects, acute and delayed as described below:

- Eyes: Eye irritant. Isobutyraldehyde vapors (generated by contact of this material with moisture/water) will irritate eyes.
- Skin: Skin irritant; May be absorbed through the skin in harmful amounts; May cause skin sensitization; May cause dermatitis.
- Inhalation: Possible irritation of the respiratory system can occur causing a variety of symptoms such as dryness of the throat, tightness of the chest, and shortness of breath. May cause central nervous system depression characterized by the following progressive steps: headache, dizziness, staggering gait, confusion, unconsciousness or coma. Isobutyraldehyde vapors (generated by contact of this material with moisture/water) will irritate respiratory tract.
- Ingestion: Harmful if swallowed.

#### SECTION 5 – FIRE FIGHTING MEASURES

- Suitable Extinguishing Media: Carbon Dioxide, Dry Chemical, Foam, Water Fog.
- Unsuitable Extinguishing Media: No information available.
- Special Fire Fighting Procedures: Wear full firefighting protective clothing, including self-contained breathing apparatus (SCBA). Water spray may be ineffective. If water is used, fog nozzles are preferable.
- Unusual Fire and Explosion Hazards: Closed containers may rupture when exposed to extreme heat. Use water spray to keep fire exposed containers cool. During a fire, irritating and/or toxic gases and particulate may be generated by thermal decomposition or combustion.

#### SECTION 6 – ACCIDENTAL RELEASE MEASURES

- Personal Precautions: Wear appropriate protective equipment including self-contained breathing apparatus. Do not touch or walk through spilled material. Do not touch damaged containers or spilled material unless wearing appropriate protective equipment.
- Emergency Procedures: As an immediate precautionary measure, isolate spill or leak area for at least 50 meters (150 feet) in all directions. ELIMINATE all ignition sources (no smoking, flares, sparks, or flames in immediate area) Keep out of low areas. Keep unauthorized personnel away. Stay upwind. Warn personal downwind from spill. Ventilate closed spaces before entering.
- Environmental Precautions: Prevent spills from entering storm sewers and drains or contact with soil.
- Methods for Clean Up: Stop a small leak, if you can do so without risk. All equipment used when handling the product must be grounded. Absorb or cover with inert absorbent material, sand, or other non-combustible material and transfer to containers. Use clean non-sparking tools to collect absorbed material.
- For large spills, dike far ahead of liquid spill for later disposal.

**SECTION 7 – HANDLING AND STORAGE**

- Keep away from heat or ignition sources – No Smoking. Ground equipment when transferring from one vessel to another. Do not pressurize, cut, weld, braze, solder, drill, grind or expose containers to heat, flame, sparks, or other ignition sources.
- Do not enter confined spaces without following proper procedures.
- Avoid contact with skin and eyes.
- Use only adequate ventilation
- Protect food products and packaging before using this product.
- Keep container closed when not in use.
- Empty containers may retain product residue and flammable vapors.

**SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Control Parameters**

Exposure Guidelines	OSHA PEL		ACGIH TLV-TWA	
	ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>
Ketone*	200	590	200	590
Tetrahydrofuran*	200	750	50	188
Urethane bisoxazolidine	NE	NE	NE	NE
Naphtha light aromatic	NE	NE	NE	NE

NE = Not Established

TLV – TWA = Threshold Limit Value - Time Weighted Average

\* Ketone carries the “SKIN” designation by ACGIH, indicating that it can be absorbed and toxic via skin exposure.

**Additional Exposure Guidelines**

Tetrahydrofuran      ACGIH STEL: 250 ppm, 737 mg/m<sup>3</sup>  
    NIOSH REL: 200 ppm, 590 mg/m<sup>3</sup>;  
    NIOSH STEL: 250 ppm, 735 mg/m<sup>3</sup>

**Exposure Controls**

- Eye Protection: Use safety eyewear including safety glasses with side shields and chemical goggles where splashing may occur.
- Skin Protection: Use neoprene, nitrile, or rubber gloves to prevent skin contact.
- Ventilation: Sufficient ventilation in pattern and volume should be provided in order to maintain air contaminant levels below recommended exposure limits. Caution: Solvent vapors are heavier than air and collect in lower levels of the work area. Sufficient ventilation (using explosion-proof equipment) should be provided to prevent flammable vapor/air mixtures from accumulating.
- Respiratory Protection: Use a NIOSH approved chemical/mechanical filter respirator designed to remove a combination of particulates and organic vapor if occupational limits are exceeded. For emergency situations, confined spaces, or other conditions where exposure limits may be greatly exceeded, use an approved air-supplied respirator. Observe OSHA regulations (29 CFR 1910.134) for respirator use.
- Other Protective Equipment: Use disposable or impervious clothing if work clothing contamination is likely. Remove and wash contaminated clothing before reuse.
- Hygiene Practices: Wash hands before eating, smoking, or using toilet facility. Do not smoke in any chemical handling or storage area. Food or beverages should not be consumed anywhere this product is handled or stored.



**SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES**

Appearance:	Clear liquid
Odor:	Solvent odor
Odor Threshold:	Not Available
Physical State:	Liquid
pH:	Not Available
Melting Point/ Freezing Point:	Not Available
Boiling Range:	151-464 °F
Flash Point:	2 °F (-16 °C) by Setaflash closed cup
Evaporation Rate:	Faster than n-butyl-acetate
Flammability (solid; gas):	Not Available
Upper/Lower Explosive Limits (% by volume of vapor):	Lower: 1; Upper: 11.8
Oxidizing Properties:	Not Available
Vapor Pressure:	Not Available
Vapor Density:	Heavier than air
Specific Gravity or Relative Density:	Not Available
Solubility(ies):	Not Available
Water Solubility:	Insoluble
Fat Solubility (solvent –oil to be specified):	Not Available
Partition Coefficient (n-octanol/water):	Not Available
Viscosity:	Not Available
Bulk Density:	8.10 lbs/gallon
Percent Volatile:	84.95% by volume; 80.17 % by weight
Volatile Organic Compounds:	6.49 lb/gal; 778 g/l (calculated)

**SECTION 10 – STABILITY AND REACTIVITY**

<u>Chemical Stability:</u>	Product is stable under normal storage conditions.
<u>Conditions to Avoid:</u>	Keep away from heat, sparks, flame or other sources of ignition.
<u>Incompatible Materials:</u>	Strong acids, bases, and strong oxidizers.
<u>Hazardous Decomposition Products:</u>	Carbon monoxide, carbon dioxide.
<u>Possibility of Hazardous Reactions:</u>	Hazardous polymerization will not occur under normal conditions.

**SECTION 11 – TOXICOLOGICAL INFORMATION**

No toxicological data were found for this mixture of chemicals.  
Potential Routes of Exposure: Eyes, mouth, lungs, skin (contact and adsorption).

**SECTION 12 – ECOLOGICAL INFORMATION**

Components of this product are toxic to aquatic life. Do not dump into waterways.

**SECTION 13 – DISPOSAL CONSIDERATIONS**

Disposal should conform to federal (40 CFR part 261), state, and local regulations. Before attempting cleanup, refer to hazard information and personal protection information in other sections of this SDS. If waste is determined to be hazardous, use licensed hazardous waste transporter and disposal facility.

**SECTION 14 – TRANSPORT INFORMATION**

In accordance with ICAO/IATA/DOT/TDG

**CAUTION:** **SHIPMENTS VIA AIR ARE NOT PERMITTED.** Current packaging does not meet all the specific requirements for air shipments.

U.S.D.O.T. Proper Shipping Name (HM215 Part 172.101)*:	Consumer Commodity ORM-D**
U.S.D.O.T. ID No.:	Not Applicable.
U.S.D.O.T. Label Required:	None
U.S.D.O.T. Hazard Class:	ORM-D
U.S.D.O.T. Packing Group:	II
Other Information:	US Surface Freight Classification - Seam Sealer Lacquer (NMFC Item 149980)

\* Applicable also to Canada via rail and truck.

\*\* Consumer Commodity ORM-D Requirements: The gross weight of each package must not exceed 30 kg (66 pounds) gross weight. For flammable liquids in packing Group II, inner packaging must not exceed 1.0 L (0.3 gallons) net capacity each, packed in strong outer packaging.

D.O.T. proper shipping name other than consumer commodity ORM-D exceptions, i.e. International (HM 215-A, Part 172.101) Flammable Liquids, N.O.S. (contains toluene and methyl ethyl ketone) 3, UN1993, LTD. Qty. PGII.  
 D.O.T. ID No.: UN1993  
 D.O.T. Label Required: Flammable Liquid  
 D.O.T. Hazard Class: Flammable Liquid 3  
 D.O.T. Packing Group II

**SECTION 15 – REGULATORY INFORMATION**

**OSHA:** This product is considered hazardous as defined by 29 CFR 1910.1200 (OSHA Hazard Communication Standard.)

**SARA 313 Listing:** This product does not contain any substances subject to this regulation.

**TSCA Inventory:** The chemical substances in this product are on the TSCA Section 8 Inventory.

**TSCA Export Notification:** This product contains the following chemical substances subject to the reporting requirements of TSCA 12(B) if exported from the United States:

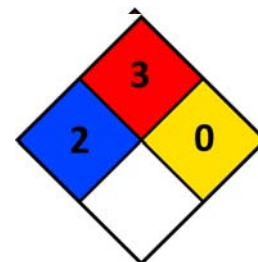
CAS Number	Chemical Name
109-99-9	Tetrahydrofuran
1330-20-7	Xylene

**SECTION 16 – OTHER INFORMATION**

**NFPA health hazard** 2 Moderately toxic and hazardous. Requires additional PPE.

**NFPA fire hazard** 3 - Liquids and solids that can be ignited under almost all ambient conditions.

**NFPA reactivity** 0 Normally stable,



**HMIS III Rating**

**Health** 2 Temporary or minor injury may occur.

**Flammability** 3 Materials capable of ignition under almost all normal temperature conditions.

**Physical** 0 Materials are normally stable

Given available knowledge, the information contained herein is accurate. However, neither Congoleum Corporation nor any of its subsidiaries or affiliates assumes any liability whatsoever for the completeness or accuracy of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials should be used with caution. Although certain hazards are described herein, Congoleum Corporation cannot guarantee that these are the only hazards that exist.

Supersedes: 5/20/2004; 9/29/2008; 8/8/2011; 11/8/2013

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