Section 1: Identification

Product Name: Tru-Seal® (16oz)
Product Code: PW0422200
Recommended Use: Seals seeping lesions, cuts. Dries fast to form a smooth, flexible "skin".
Restrictions on Use: Professional embalmer use only; not for general consumer use.
Manufacturer: CIC Coatings, LLC – McKinney, TX; **Packaged by:** PTH Packaging – Keller, TX
Distributed by: Pierce Companies – 4722 Bronze Way – Dallas, TX 75236 – (214) 333-4230
Emergency Phone Number: CHEMTREC – (800) 424-9300

Section 2: Hazard(s) Identification

GHS Classification:

- Flammable Liquid Category 2
- Acute Toxicity (Inhalation) Category 4
- Acute Toxicity (Dermal) Category 4
- Skin Irritation Category 2
- Eye Irritation Category 2
- Aspiration Hazard Category 1

Signal Word: **DANGER**

Hazard Statements:

- H360: May damage fertility or the unborn child.
- H225: Highly flammable liquid and vapor.
- H332: Harmful if inhaled.
- H315: Causes skin irritation.
- H319: Causes serious eye irritation.
- H373: May cause damage to organs through prolonged or repeated exposure.
- H413: May cause long lasting harmful effects to aquatic life.
- H304: May be fatal if swallowed and enters airways.

Precautionary Statements:

- P271: Use only outdoors or in a well-ventilated area.
- P261: Avoid breathing vapors.
- P280: Wear protective gloves, eye protection, face protection, and respiratory protection.
- P403: Store in a well-ventilated place.
- P501: Dispose of contents/container in accordance with local, regional, national, and international regulations.
- P301+P312: IF SWALLOWED: Call a POISON CENTER or doctor if you feel unwell.
- P330: Rinse mouth.
- P302+P352: IF ON SKIN: Wash with plenty of soap and water.
- P312: Call a POISON CENTER or doctor if you feel unwell.
- P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.
- P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P332+P313: If skin irritation occurs: Get medical advice/attention.
- P337+P313: If eye irritation persists: Get medical advice/attention.
- P362+P364: Take off contaminated clothing and wash it before reuse.
- P370+P378: In case of fire: Use dry sand, dry chemical, or alcohol-resistant foam to extinguish.
- P403+P233: Store in a well-ventilated place. Keep container tightly closed.
- P403+P235: Store in a well-ventilated place. Keep cool.
- P405: Store locked up.
- P501: Dispose of contents/container to an approved waste disposal plant.

Pictograms:

Section 3: Composition/Information on Ingredients

CHEMICAL NAME	CAS NUMBER	% WEIGHT	CLASSIFICATION	
Toluene	108-88-3	10-20%	Flam. Liq. 2; Asp. Tox. 1; Skin Irrit. 2; Repr. 2; STOT RE 2	Trade Secret Information: Exact % of concentration is withheld to protect Trade Secret Information. Ranges are given in accordance with 29 CFR 1910.1200(i), Appendix E
Methyl Ethyl Ketone	78-93-3	1-5%	Flam. Liq. 2; Eye Irrit. 2; STOT SE 3	
Ethyl Acetate	141-78-6	10-20%	Flam. Liq. 2; Eye Irrit. 2; STOT SE 3	
Methyl Isobutyl Ketone	108-10-1	5-10%	Flam. Liq. 2; Acute Tox. 4 (Inh); Eye Irrit. 2; STOT SE 3	
n-Butanol	71-36-3	1-5%	Flam. Liq. 3; Acute Tox. 4; Eye Dam. 1; Skin Irrit. 2; STOT SE 3	
Isopropyl Alcohol	67-63-0	5-10%	Flam. Liq. 2; Eye Irrit. 2; STOT SE 3	
Solvent Naphtha (Petroleum), Light Aromatic	64742-95-6	10-20%	Flam. Liq. 3; Asp. Tox. 1; STOT SE 3; Aquatic Chronic 2	
Butyl Benzyl Phthalate	85-68-7	5-10%	Repr. 1B; Aquatic Acute 1; Aquatic Chronic 1	

Section 4: First-Aid Measures

- **Inhalation:** Move to fresh air. Keep at rest and warm. Remove anything that may block the airway. Get medical attention if irritation or breathing problems occur.
- **Skin/Eye Contact:** Remove contaminated clothing and shoes. Wash skin with soap and water for at least 20 minutes. Rinse eyes with water for at least 20 minutes, keeping eyelids open. Get medical attention if irritation persists.
- **Ingestion:** Rinse mouth. Do not induce vomiting unless directed by medical personnel. If vomiting occurs, keep head low to prevent aspiration. Never give anything by mouth to an unconscious person. Get medical attention immediately.
- **Symptoms/Effects:** Headache, fatigue, drowsiness, insomnia, loss of appetite, limb pain, nervousness, and memory impairment.
- **Physician Notes:** Treat symptomatically. Monitor for respiratory irritation, central nervous system effects, and aspiration risk.

Section 5: Fire-fighting Measures

- **Suitable Extinguishing Media:** Foam, CO2, Dry chemical, Water fog.
- **Unsuitable Extinguishing Media:** Do not use a direct water stream. It may spread the fire.
- **Specific Hazards Arising from the Chemical:** Highly flammable liquid and vapor. Vapors may travel and ignite at a distance. Containers may build pressure and rupture when heated. Burning may produce carbon oxides and other irritating or toxic fumes.
- **Special Protective Equipment and Precautions for Firefighters:** Wear self-contained breathing apparatus and full protective clothing. Fight fire from a safe distance. Cool exposed containers with water spray. Use foam on pooled liquid. Burning liquid may float on water.

Section 6: Accidental Release Measures

- **Personal Precautions:** Avoid breathing vapors, mists, and spray. Avoid contact with skin, eyes, and clothing. Wear safety glasses or chemical goggles, protective gloves, and protective clothing. Use a NIOSH-approved respirator if ventilation is inadequate or exposure limits are exceeded.
- **Emergency Procedures:** Remove all ignition sources. No smoking or open flames. Ventilate area. Keep unnecessary and unprotected personnel away. Evacuate the danger area if needed. Do not enter atmospheres above 10% of the lower flammable limit.
- **Methods and Materials for Containment:** Prevent material from entering drains, surface water, and groundwater. Stop leak if safe to do so. Contain spill with sand, earth, vermiculite, or other inert absorbent. Use non-sparking tools and explosion-proof equipment.
- **Cleanup Procedures:** For small spills, absorb with inert material, wipe up, and place in a flammable waste container. For large spills, clear area, stay upwind, contain spill, collect recoverable material into labeled containers, absorb residue with inert material, and place waste in labeled containers for disposal. Wash area after cleanup and prevent runoff into drains. Report spills to appropriate authorities if waterways or drains are affected.

Section 7: Handling and Storage

- **Safe Handling:** Wash thoroughly after handling. Use only in a well-ventilated area. Ground and bond containers during transfer. Use spark-free tools and explosion-proof equipment. Empty containers may retain hazardous residue. Do not cut, weld, solder, drill, or expose empty containers to heat, sparks, or open flame.
- **Hygiene Measures:** Do not eat, drink, or smoke when using this product. Wash hands after handling. Remove contaminated clothing before reuse.
- **Safe Storage:** Store in original containers in an approved flammable storage area. Keep away from heat, sparks, open flame, and ignition sources. Keep containers tightly closed. Store in a cool, dry, well-ventilated place away from incompatible materials. Protect containers from damage and check regularly for leaks. Do not store in pits, basements, or other low areas where vapors may collect.
- **Incompatibilities:** Incompatible materials should be kept separate.

Section 8: Exposure Controls/Personal Protection

- **Engineering Controls:** Use closed systems and local exhaust or general ventilation to minimize vapor exposure. Keep process areas away from heat, sparks, open flames, and other ignition sources. Vent tanks and vessels to a safe outdoor discharge point away from work areas and ignition sources. Maintain equipment as recommended by the manufacturer.
- **Personal Protective Equipment (PPE):**
    - **Gloves:** Wear impervious protective gloves.
    - **Eye/Face Protection:** Safety glasses with side shields as minimum protection. Use chemical goggles during transfer or where splashing, spraying, or misting may occur. Provide eyewash and safety shower nearby.
    - **Respiratory Protection:** Use a NIOSH-approved organic vapor respirator if exposure limits may be exceeded. Use a full-face positive-pressure supplied-air respirator if vapor levels are high. Do not enter atmospheres above 10% of the lower flammable limit.
    - **Skin/Body:** Wear impervious protective clothing, including boots, apron, lab coat, or coveralls, as needed. Use fire-retardant clothing when handling flammable liquids. Remove contaminated clothing immediately.
- **Exposure Limits Table:**

Component	OSHA PEL	ACGIH TLV	NIOSH REL
Methyl Ethyl Ketone (78-93-3)	200 ppm TWA	200 ppm TWA; 300 ppm STEL	200 ppm TWA; 300 ppm STEL
Toluene (108-88-3)	200 ppm TWA; 300 ppm Ceiling; 500 ppm 10-min Peak	20 ppm TWA	100 ppm TWA; 150 ppm STEL
Ethyl Acetate (141-78-6)	400 ppm TWA	400 ppm TWA	400 ppm TWA
Methyl Isobutyl Ketone (108-10-1)	100 ppm TWA	20 ppm TWA; 75 ppm STEL	50 ppm TWA; 75 ppm STEL
n-Butanol (71-36-3)	100 ppm TWA	20 ppm TWA	50 ppm Ceiling
Isopropyl Alcohol (67-63-0)	400 ppm TWA	200 ppm TWA; 400 ppm STEL	400 ppm TWA; 500 ppm STEL
Methyl Ethyl Ketone (78-93-3)	200 ppm TWA	200 ppm TWA; 300 ppm STEL	200 ppm TWA; 300 ppm STEL
Toluene (108-88-3)	200 ppm TWA; 300 ppm Ceiling; 500 ppm 10-min Peak	20 ppm TWA	100 ppm TWA; 150 ppm STEL

Section 9: Physical and Chemical Properties

- **Appearance (physical state, color, etc.):** Liquid: Clear glue-like
- **Odor:** Ester/ketone odor
- **Odor Threshold:** Not available
- **pH:** Not applicable
- **Melting Point/Freezing Point:** -97°C
- **Initial Boiling Point/Boiling Range:** >155°F
- **Flash Point:** 23°F (closed cup)
- **Evaporation Rate:** No further relevant information available
- **Flammability (solid, gas):** Not applicable
- **Upper/Lower Flammability or Explosive Limits:** Not available
- **Vapor Pressure:** Not available
- **Vapor Density:** Not available
- **Relative Density/Specific Gravity:** 0.93 / 7.71 lb/gal
- **Solubility(ies):** Not applicable

- **Partition Coefficient: n-octanol/water:** Not available
- **Auto-ignition Temperature:** Not available
- **Decomposition Temperature:** Not available
- **Viscosity:** Not available

Section 10: Stability and Reactivity

- **Reactivity:** Vapor is explosive when exposed to heat or flame.
- **Chemical Stability:** Stable at room temperature in closed containers under normal storage and handling conditions.
- **Hazardous Reactions:** Has not been reported.
- **Conditions to be Avoided:** Product is highly flammable – Keep away from sources of ignition. Avoid the higher temperatures. Keep away from open fire, heating elements and heat radiating surface and prevent from forming of the vapours mixtures with air in explosion limits.
- **Incompatible Materials:** Heat, flame, strong oxidizers, nitric and sulfuric acids, chlorine, nitrogen tetraoxide; will attack some forms of plastics, rubber, coatings.
- **Hazardous Decomposition:** Carbon monoxide, carbon dioxide, hydrocarbons.

Section 11: Toxicological Information

- **Likely Routes of Exposure:** Inhalation, skin contact, eye contact, ingestion.
- **Chronic Effects: Carcinogenicity:**
  - **ACGIH:** A4 - Not classifiable as a human carcinogen.
  - **OSHA:** Possible select carcinogen.
  - **IARC:** Group 3 carcinogen.
  - **Reproductive Effects:** Adverse reproductive effects have occurred in experimental animals.
  - **Neurotoxicity:** Not available.
  - **Mutagenicity:** Not available.
- **Acute Toxicity (LD50 & LC50):**
  - **Methyl Ethyl Ketone (78-93-3):** Oral LD50 (rabbit) 6480 mg/kg; Dermal LD50 (rat) 2737 mg/kg
  - **Toluene (108-88-3):** Oral LD50 (rat) 4300 mg/kg; Inhalation LC50 (rat) 5000 ppm / 5 h
  - **Ethyl Acetate (141-78-6):** Oral LD50 (rat) 5620 mg/kg; Inhalation LC50 (mouse) 45,000 mg/m³ / 2 h; Dermal LD50 (rabbit) >18,000 mg/kg
  - **n-Butanol (71-36-3):** Oral LD50 (rat) 790 mg/kg; Inhalation LC50 (rat) 8000 ppm / 3 h
  - **Isopropyl Alcohol (67-63-0):** Oral LD50 (rat) 5000 mg/kg; Inhalation LC50 (rat) 45,248 ppm / 1 h; Dermal LD50 (rabbit) >12,800 mg/kg
  - **Solvent Naphtha (Petroleum), Light Aromatic (64742-95-6):** Oral LD50 (rat) 3492 mg/kg; Inhalation LC50 (rat) 6193 ppm / 4 h
  - **Methyl Isobutyl Ketone (108-10-1):** Oral LD50 (rat) 2080 mg/kg; Inhalation LC50 (rat) 2000-4000 ppm / 4 h; Dermal LD50 (rabbit) >2000 mg/kg
  - **Butyl Benzyl Phthalate (85-68-7):** Oral LD50 (rat) <5000 mg/kg; Inhalation LC50 (rat) >10.62 mg/L / 4 h; Dermal LD50 (rabbit) 24,500 mg/kg
- **Symptoms/Effect:** Eyes: Causes serious eye irritation. Skin: Causes skin irritation. Allergic reactions are possible. Inhalation: Harmful if inhaled. High gas, vapor, mist, or dust concentrations may be harmful if inhaled. High vapor concentrations are irritating to the eyes, nose, throat, and lungs. Ingestion: Harmful if swallowed.
- **Regulatory Listings:**
  - **NTP:** Not available.
  - **IARC:** Group 3 carcinogen.
  - **OSHA:** Possible select carcinogen.

Section 12: Ecological Information

- **Ecotoxicity:**
  - LC50 (96 hr.) Fish: 7.3-22.8 mg/L
  - EC50 (48 hr.) Water flea: Not available
  - Bioconcentration factor (BCF): 1.67-380
- **Persistence/Degradability:** The material is expected to form a slick on water after release in calm sea conditions. It is expected to evaporate and enter the atmosphere where it will degrade through reaction with hydroxyl radicals. Some material will become associated with benthic sediments and may spread over a wide area of sea floor. The material is likely biodegradable under aerobic conditions and may also degrade under anaerobic conditions, although more slowly. Under aerobic conditions it degrades to water and carbon dioxide. Half-life (Air): 10-104 hr; Half-life (Surface water): 96-528 hr; Half-life (Ground water): 168-672 hr; Half-life (Soil): 96-528 hr.
- **Bioaccumulation Potential:** This material is not expected to significantly bioaccumulate. **Kow:** Not available. **BCF:** 1.67-380.
- **Mobility in Soil:** Not available.

- **Other Adverse Effects:** Toxic effects are often observed in species such as blue mussel, daphnia, freshwater green algae, marine copepods, and amphipods.

Section 13: Disposal Considerations

- Dispose of in accordance with federal, state, and local regulations.
- Empty containers must not be reused or recycled. Dispose of bottles and residual product in accordance with regulations.
- **Recommended Methods:** Incineration or chemical waste landfill.

Section 14: Transport Information

DOT (Ground Transport):
UN#: UN1263
UN Proper Shipping Name: Paint, Flammable liquid
Transport Hazard Classes: 3
Packing Group Number: II
Environmental Hazards: Marine Pollutant: No
Notes: Limited Quantity: YES (Permitted for small packaging)
Labels: Limited Quantity; Flammable Liquid (Class 3)

IMDG (Ocean Transport):
UN#: UN1263
UN Proper Shipping Name: Paint, Flammable liquid
Transport Hazard Classes: 3
Packing Group Number: II
Environmental Hazards: Marine Pollutant: No
Notes: Limited Quantity: YES (Permitted for small packaging)
Labels: Limited Quantity; Flammable Liquid (Class 3)

IATA (Air Transport):
UN#: UN1263
UN Proper Shipping Name: Paint, Flammable liquid
Transport Hazard Classes: 3
Packing Group Number: II
Environmental Hazards: Marine Pollutant: No
Notes: Limited Quantity: YES (Permitted for small packaging)
Labels: Limited Quantity; Flammable Liquid (Class 3)

Section 15: Regulatory Information

TSCA List: CAS# 108-88-3 Toluene, CAS# 108-10-1 Methyl Isobutyl Ketone, CAS# 111-76-2 2-Butoxyethanol, CAS# 141-78-6 Ethyl Acetate, and CAS# 85-68-7 Butyl Benzyl Phthalate are listed on the TSCA inventory.
EPCRA – Emergency Planning & Community Right-to-Know: Not applicable

SARA 311/312: Acute Health Hazard: Yes; Chronic Health Hazard: Yes; Fire Hazard: Yes; Sudden Release of Pressure Hazard: No; Reactive Hazard: No
CERCLA Reportable Quantity: Not stated.
SARA 302: Not stated.
SARA 304 Extremely Hazardous Substances Reportable Quantity: Not stated.
SARA 313: This material contains CAS# 108-88-3 Toluene, CAS# 108-10-1 Methyl Isobutyl Ketone, CAS# 67-63-0 Isopropyl Alcohol, CAS# 78-93-3 Methyl Ethyl Ketone, and CAS# 67-63-1 Isopropyl Alcohol which meet the requirements of Section 313 of SARA Title III and 40 CFR Part 372.
California Prop 65: U.S. - California - Proposition 65 - Carcinogens List: Yes; Ethylbenzene (<0.1%), Cumene (trace), Formaldehyde (<0.1%), Methyl Isobutyl Ketone (5-10%), Dioctyl Phthalate (DOP) (5-10%); U.S. - California - Proposition 65 - Developmental Toxicity: Yes; Toluene (10-20%), Butyl Benzyl Phthalate (5-10%); U.S. - California - Proposition 65 - Reproductive Toxicity - Female: Yes; Toluene (10-20%): U.S. - California - Proposition 65 - Reproductive Toxicity - Male: No: No significant risk level (NSRL): 7000 µg/day
US State Regulations: Toluene, Methyl Isobutyl Ketone, Acetone, 2-butoxyethanol, and Isopropyl Alcohol can be found on the following state right-to-know lists: California, New Jersey, Florida, Pennsylvania, Minnesota, Massachusetts.
Other Regulations:
Clean Air Act: CAS# 108-88-3 Toluene and CAS# 108-10-1 Methyl Isobutyl Ketone are listed as hazardous air pollutants (HAP). This material does not contain any Class 1 ozone depletors. This material does not contain any Class 2 ozone depletors. CAS# 108-88-3 Toluene is listed as a Hazardous Substance, a Priority Pollutant, and a Toxic Pollutant under the Clean Water Act.
OSHA: Toluene (hazardous).
WGK (Water Danger/Protection): CAS# 108-88-3: 2

Section 16: Other Information

Regulatory Compliance Verification:
This Safety Data Sheet has been prepared in accordance with and verified for compliance with:

- OSHA Hazard Communication Standard (29 CFR 1910.1200, HazCom 2023)
- Globally Harmonized System (GHS) Revision 11
- U.S. TSCA, EPCRA, CERCLA
- California Proposition 65
- Canadian WHMIS 2022 (GHS-aligned)
- EU REACH Regulation

All hazard classifications, labeling elements, and regulatory disclosures are based solely on the specific formula composition and chemical properties provided for this product.

Hazardous Material Information System III (USA)	
Health:	2
Flammability:	3
Physical Hazards:	0
Personal Protection:	I

National Fire Protection Association (USA)	
Health:	2
Flammability:	3
Instability:	0
Special:	-

HMIS ratings are based on a 0-4 scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS ratings are not required on Safety Data Sheets under 29 CFT 1910.1200, the preparer may choose to provide them. HMIS ratings are to be used with a fully implemented HMIS program. HMIS is a registered mark of the National Paint & Coatings Association (NPCA).

Prepared by:	**Pierce Companies Regulatory Department**
Date of Preparation/Revision:	**March 01, 2026**
Supersedes:	**July 01, 2024**

Notice: *The information in this SDS is believed to be accurate and reliable at the time of preparation, but no guarantee is made that it is complete or that the hazards listed are the only hazards present. Users are responsible for determining the suitability of the product for their intended use, complying with all applicable laws and safety requirements, and considering the effects of use with other materials. Pierce makes no express or implied warranty regarding the product, its merchantability, fitness for a particular purpose, or the accuracy of this information, except that the product will conform to Pierce's specifications. Possession of this SDS does not indicate that the holder purchased or used the product.*