MATERIAL SAFETY DATA SHEET
COUNTER COAT PART A

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product ID: 151402

Product name: Counter-Coat Part A

Company Identification
Counter-Coat, Inc.
169 Gratiot
Mt. Clemens, MI 48043

Manufacturer's Phone: 1-800-841-5580

24-Hour Medical Emergency: 1-800-424-9300
1-800- Chem Tec

SECTION 2. INGREDIENTS

Ingredient name	CAS No.	% by WT. Range	Exposure Limits
Counter-Coat Part A	25068-38-6	100 %	Not Established

Key:

(PEL): OSHA

(TLV): OSHA & ACGIH

(STEL): ACGIH

CAS: Chemical Abstracts Registry Number

IDLH: Immediate Danger to Life and Health

SECTION 3. HEALTH HAZARD DATA

Physical Appearance:	Clear viscous liquid.
Emergency Overview:	Can cause irritation of eyes and skin. May cause Skin sensitization. Contact with hot material can cause thermal burns. Vapors of hot material can cause irritation of respiratory passages.
Exposure limits:	See Section 2.
Routes of Entry:	Inhalation → x Skin → x Ingestion → x

Effects of overexposure:

Acute	
Eye:	Mildly irritating; contact with hot material can cause thermal burns resulting in permanent damage.
Skin:	Skin sensitization (Allergy) may be evidenced by rashes, especially hives.
Inhalation:	Exposures to vapors or mists are moderately irritating to respiratory passages.
Ingestion:	Not likely to be a relevant rout of exposure.
Chronic:	N/A
Medical Conditions aggravated by exposure:	Preexisting skin and eye disorders may be aggravated by exposure to this product. Preexisting skin or lung allergies may increase the chance of developing increased allergy symptoms from exposure to this product.

SECTION 4. FIRST AID MEASURES

Emergency and First Aid Procedures

Inhalation:	Remove from exposure, restore breathing. Keep warm and quiet. Notify physician.
Eyes (splash):	Immediately flush eyes with water for 15 minutes. Hold eyelids open for complete irrigation. Rest eyes for 30 minutes, if redness, burning, blurred vision or swelling persist take to a physician.
Skin (splash):	Wash affected area with soap and water. Remove contaminated clothing. Consult a physician if irritation persists. Do not reuse clothing until cleaned. Contaminated leather articles, including shoes can not be decontaminated and should be destroyed to prevent reuse. If contact with a hot product occurs, immediately flush with cool water for 15 minutes and carefully remove clothing. If clothing is stuck to a burn area, do not pull it off, but cut around it. Cover a burn with clean material and get medical attention immediately.
Ingestion:	Do not induce vomiting. Have victim rinse out mouth with water, drink sips of water to remove taste from mouth. Consult a physician or poison control center, treat symptomatically.

SECTION 5. FIRE AND EXPLOSION HAZARD DATA

Flash Point:	480° F PM
LEL %:	N/A
UEL %:	N/A
Extinguishing Media Foam:	CO2 Dry chemical Water fog Other
Special Fire Fighting Procedures:	Material will not burn unless preheated. Clear fire area of all non emergency personnel. Shut off source. Water fog may be used to cool closed containers exposed to extreme heat to prevent pressure build up and possible auto ignition or explosion. Wear NIOSH approved positive pressure self contained breathing apparatus and full bunker gear for confined spaces.
Unusual Fire and Explosion Hazards:	Keep containers tightly closed. Combustible liquid; isolate from all sources of ignition. Closed containers may explode to extreme heat.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Steps to be taken in case material is released or spilled:	Shut off valves, contain spill, and keep out of water sources and sewers, for small spills add non-flammable absorbent in spill area. Place saturated absorbent in an approved container for disposal. Remove contaminated soil to remove contaminated trace residues. For large spills, remove with vacuum trucks or pump to storage/salvage vessels. Then soak up residue with an absorbent such as clay, sand or other suitable material. Place in non leaking containers. Flush area with water to remove trace residue. Minimize breathing vapors and skin contact, ventilate confined area, open all windows and doors, assure conformity with applicable government regulations. Keep all nonessential people away.

SECTION 7. HANDLING AND STORAGE

Store large quantities only in buildings designed to comply with OSHA 1910.106. Keep containers tight and upright to prevent leakage. Do not store with incompatible materials. Keep containers closed when not in use. Keep away from open flames and high temperatures.

Do not take internally. Avoid prolonged or repeated contact with skin, eyes, and clothing. Wash thoroughly after handling. This resin may be handled, shipped and stored at elevated temperature in bulk. The recommended pumping temperature is 180° F. Containers should be bonded and grounded when pouring. Empty containers release residue and can be dangerous. Do not pressurize, cut, weld, braze, solder, drill or expose such containers to heat, sparks, static electricity or other sources of ignition. Do not attempt to clean. “Empty” drums should be completely drained, properly bunged and promptly returned to a drum reconditioner.

Avoid breathing vapors in top of shipping container. To prevent thermal burns avoid contact with hot product. Use with adequate ventilation. Use non-sparking tools to open or close containers.

SECTION 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Respiratory Protection:	No respiratory protection is usually required under normal conditions of use.
Ventilation:	Provide general dilution or local exhaust ventilation In volume and pattern to keep concentrations within Permitted exposure limits. All areas should be ventilated in accordance with OSHA Regulation 29 CFR Part 1910.
Protective Gloves:	Butyl Rubber chemical resistant gloves.
Eye Protection:	Use safety eyewear with splash guards or face shield.
Other Protective Clothing or Equipment:	Use chemical resistant apron or other impervious clothing. Remove and wash contaminated clothing before reuse. Shower and eyewash should be easily accessible to the work area.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear viscous liquid.
Odor:	N/A
Boiling Range (° F):	500
Solubility in water:	Negligible
Vapor Density (air - 1):	N/A
Evaporation Rate (Butyl Acetate - 1):	N/A
Vapor Pressure:	0.03 mbar @ 77° C
Specific Gravity:	1.17
Stability:	Stable
Conditions to avoid:	Avoid high temperatures. Reaction with some curing agents may produce considerable heat. Run-a-way cure reactions may char and decompose the resin system.
Incompatibility (Materials to Avoid):	Can react vigorously with strong oxidizing agents, strong Lewis or mineral acids, and strong mineral and organic bases. Especially primary and secondary aliphatic amines. Do not allow molten product to contact water or other liquids. This can cause violent eruptions, splatter hot material, or ignite flammable material.
Hazardous decomposition products:	Fumes, smoke, carbon monoxide, aldehydes and other decomposition products where combustion products where combustion is not complete. Decomposition and combustion products may be toxic.
Hazardous Plymerzation:	Will not occur.

SECTION 10. TOXICITY DATA

The effects of overexposure shown in section 2 are based on acute toxicity profiles.
Typical values are:

Ingredient name	Oral LD50(Rat)	Skin LD50(Rabbit)	Inhalation LC50
Counter-Coat Part A	2000 mg/kg	<2000 mg/kg	

This product has not been classified by IARC. Recent 2-year bioassays in rats and mice exposed by the dermal route to the diglycidyl ether of bisphenol. A yielded no evidence of carcinogenicity to the skin or any other organ. These resins have shown activity in vitro microbial mutagenicity screening and have produced chromosomal aberrations in cultured rat liver cells. The significance of these tests to man is unknown.

SECTION 11. ECOLOGICAL INFORMATION

Ecotoxicity:

Toxicity to fish LC50: Specie: Forelle, Dose: 2.4 mg/L 96hour; EC50: Specie: Daphnia magna staus, Dose 3.6 mg/L 24hour

SECTION 12. DISPOSAL CONSIDERATIONS

Waste Disposal Method:	Hazard characteristic and regulatory waste stream classification can change with product use. Accordingly it is the responsibility of the user to determine the proper storage, transportation, treatment and or disposal methodologies for spent materials and residues at time of disposition. Dispose in accordance with all applicable disposal regulations. Incinerate under controlled conditions in a permitted facility.

SECTION 13. TRANSPORT INFORMATION

DOT Shipping Name:	Not DOT Regulated
DOT Hazard Classification:	Not DOT Regulated
DOT Label Codes:	Not DOT Regulated
DOT ID Number:	Not DOT Regulated
DOT Package Code:	Not DOT Regulated
Emergency Response Guide:	Not DOT Regulated
Marine Pollutant:	Not DOT Regulated

SECTION 14. REGULATORY INFORMATION

(RQ) Reportable Quantity:	CERCLA
Sara 302:	No TPQ
Sara 313:	No de minimis concentration

Sara Section 311 List Hazards:

(a) Immediate Acute Health:	N/A
(b) Delayed Chronic Health:	Yes
(c) Fire:	N/A
(d) Reactive:	N/A
(e) Sudden Release of Pressure:	N/A

Components not listed in section 2:
Phenyl Glycidyl Ether at <6ppm under California Safe Drinking Water & Toxic Enforcement Act was listed Oct. 1, 1990 as carcinogenic.

Notice to reader:

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.