

Coil Guard (Liquid)

MSDS# C-128 , C-128BL

Date May 2012

4 Total Pages

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name:

Coil Guard (Liquid)

Manufactured for: Diversitech

6650 Sugarloaf Parkway, Duluth, GA 30097

Phone: 800-995-2222 (Product Information)

Phone: 800-255-3924 (CHEM-TEL, Chemical Emergencies Only)

Revised: 05/31/2012

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2. HAZARDS IDENTIFICATION

PRIMARY ROUTES OF EXPOSURE:

Inhalation, Eye Contact, Skin Contact, Dermal Absorption

POTENTIAL HEALTH EFFECTS

EYE CONTACT: Severe irritation; corneal clouding.

SKIN CONTACT: Moderate skin irritation; defatting and drying of the skin which can lead to irritation and dermatitis.

INHALATION: Irritation of the nose, throat, and lungs; headache, nausea, vomiting, dizziness, drowsiness, fatigue, loss of coordination, unconsciousness. Inhalation of high solvent vapor or mist concentrations can cause coma or death.

INGESTION: Possibly harmful if swallowed. Can cause gastrointestinal irritation, nausea, vomiting, or diarrhea.

DELAYED EFFECTS: Prolonged or repeated overexposure to solvents can cause irritation to the respiratory tract, enlarged liver, kidney effects, cardiac sensitization.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: None known

CARCINOGENICITY: NTP? No IARC Monographs? No OSHA Regulated? No

3. COMPOSITION / INFORMATION INGREDIENTS

OSHA Hazardous Components (29 CFR 1910.1200):

	CAS Registry No.	OSHA PEL	ACGIH TLV	Other Limits	% (Optional)
Toluene	108-88-3	200 ppm	50 ppm	300 ppm C(OSHA)	> 60

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4. FIRST-AID MEASURES

EYE CONTACT: Wash eyes immediately with large amounts of water (preferably eye wash fountain), lifting the upper and lower eyelids and rotating eyeball. Continue washing for a minimum of 15 minutes. Get medical attention immediately.

SKIN CONTACT: Remove contaminated clothing. Wash contact area with soap and water. Get prompt medical attention. Launder clothing before reuse.

INHALATION: Move person to fresh air. If breathing is difficult, give oxygen by trained personnel. If breathing stops, administer artificial respiration. Get medical attention immediately.

INGESTION: If swallowed, DO NOT induce vomiting. Give 2 glasses of water or milk. Careful gastric lavage may be indicated. Never give anything by mouth to an unconscious person. Get medical attention immediately.

5. FIREFIGHTING MEASURES

FLASHPOINT: 45°F **METHOD:** PMCC

FLAMMABLE LIMITS: **LEL:** 1.2 (estimate) **UEL:** 7.1 (estimate)

AUTOIGNITION TEMP: 896°F (estimate)

FIRE EXTINGUISHING MEDIA: Polar solvent (alcohol) foam, carbon dioxide, water spray, dry chemical. Use water spray to cool containers exposed to fire.

UNUSUAL HAZARDS: Vapors can travel to a source of ignition and flash back. Heated material can form flammable or explosive vapors with air. Toxic fumes are generated when material is exposed to fire or fire conditions.

PERSONAL PROTECTIVE EQUIPMENT: As in any fire, wear full protective clothing and NIOSH approved, self-contained breathing apparatus with full face piece operated in the pressure demand or other positive pressure mode.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PROTECTION: Appropriate protective equipment must be worn when handling a spill of this material. See section 8 for recommendations.

PROCEDURES:

Evacuate spill area. Eliminate all ignition sources. Floor may be slippery. Ventilate the spill area. Avoid breathing vapor. Contain spill immediately with inert materials (sand, earth). Transfer liquids and solid diking material to separate suitable containers for recovery or disposal. **CAUTION:** Keep spills and cleaning runoff out of municipal sewers and open bodies of water. **NOTE:** Spills on porous surfaces can contaminate groundwater

7. HANDLING AND STORAGE

PERSONAL PROTECTION: Appropriate protective equipment must be worn when handling a spill of this material. See section 8 for recommendations.

PROCEDURES: Evacuate spill area. Eliminate all ignition sources. Floor may be slippery. Ventilate the spill area. Avoid breathing vapor. Contain spill immediately with inert materials (sand, earth). Transfer liquids and solid diking material to separate suitable containers for recovery or disposal. **CAUTION:** Keep spills and cleaning runoff out of municipal sewers and open bodies of water. **NOTE:** Spills on porous surfaces can contaminate groundwater

8. EXPOSURE CONTROLS /PERSONAL PROTECTION

EXPOSURE LIMITS: See section 2.

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RESPIRATORY PROTECTION: A respiratory protection program meeting OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use. None required if airborne concentrations are maintained below the TWA/TLV's listed. Wear NIOSH/MSHA approved respirator where required.

EYE PROTECTION: Use chemical splash goggles and face shield (ANSI Z87.1 or approved equivalent).

HAND PROTECTION: Wear impervious protective gloves. Gloves made of polyvinyl alcohol or Viton are good suggestions. Check with the glove manufacturer for specific chemical resistance.

OTHER PROTECTION: Use chemically resistant apron or other impervious clothing to avoid prolonged or repeated skin contact.

ENGINEERING CONTROLS (Ventilation): Use in a well ventilated area. Do not use in confined spaces. Local, mechanical exhaust may be necessary.

9. PHYSICAL AND CHEMICAL CHARACTERISTICS

APPEARANCE AND ODOR: Clear liquid, colorless or blue tint. Aromatic solvent odor.

SPECIFIC GRAVITY: 0.9

VAPOR PRESSURE: 22 mm Hg @ 20°C/68°F Toluene

VAPOR DENSITY: 3.6 Toluene

SOLUBILITY IN WATER: Practically insoluble

pH: Not applicable

BOILING POINT: 230°F/110°C (Approximate)

FREEZING / MELTING POINT: Not determined

EVAPORATION RATE (Butyl Acetate = 1): > 1

10. STABILITY AND REACTIVITY

STABILITY: Stable

CONDITIONS TO AVOID: Ignition sources (sparks, open flame, heated surfaces).

INCOMPATIBILITY (Materials to Avoid): Oxidizing materials.

HAZARDOUS POLYMERIZATION: Will not occur.

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition may yield acrylic monomers.

11. TOXICOLOGICAL INFORMATION

ACUTE DATA: Toluene (108-88-3): Oral LD50 – rat: >5000 mg/kg, Dermal LD50 – rabbit: >3000 mg/kg, Eye Irritation – rabbit: severe irritation, Skin Irritation – rabbit: moderate irritation, Inhalation LCLo – rat: 4000 ppm for 4 hr.

REPRODUCTIVE/TERATOLOGY DATA: Toluene (108-88-3) has demonstrated to be embryofetotoxic and teratogenic in laboratory animals.

12. ECOLOGICAL INFORMATION

No information available

13. DISPOSAL CONSIDERATIONS

Dispose of container and unused contents in accordance with federal, state, and local regulations.

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14. TRANSPORT INFORMATION

U.S. Department of Transportation:

Resin Solution, 3, UN1866, PGII

15. REGULATORY INFORMATION

TSCA: All components of this product are listed or are excluded from listing on the U.S. Toxic Substances Control Act (TSCA) Chemical Substances Inventory.

CERCLA: Toluene (108-88-3); RQ 1000 lbs.

SARA TITLE III:

Section 311/312 Hazard Category: Acute: Yes Chronic: Yes Fire: Yes Pressure: No Reactive Hazard: No

Section 313 Reportable Ingredients: Toluene (108-88-3)

CALIFORNIA (Proposition 65):

This product contains a component or components known to the state of California to cause birth defects or other reproductive harm: Toluene (108-88-3)

16. OTHER INFORMATION

NFPA RATING:

Health – 2

Flammability – 3

Reactivity – 0

HMIS® RATING:

Health – 2

Flammability – 3

Reactivity – 0

HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered mark of the National Paint and Coatings Association (NPCA).

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