

Klear Gard SB™

High Performance Solvent-Based Clear Acrylic Sealer



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Material Safety Data Sheet

PRODUCT: Klear Gard™ SB (Page 1 of 2)

1. IDENTIFICATION OF SUBSTANCE

- **Product details**
- **Trade name:** Klear Gard SB™
- **Manufacturer/Supplier:** Contract Packaging, Inc., 22 N. Dollins Ave, Orlando, FL 32805
Tel. (407) 246-7797, Fax. (407) 481-2261, www.koverkrete.com

Emergency Telephone Number: Use only in the event of an emergency involving a spill, leak, fire, exposure, or accident involving chemicals. Within the U.S., Canada, or the U.S. Virgin Islands, call ChemTrec at (800) 424-9300, 24 hours a day. Or, outside these areas, call (703) 527-3887. Collect calls are accepted.

- **Information department:** Environmental, Health, and Safety department.

2. HAZARDOUS INGREDIENTS

	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>Other Limits</u>	<u>Contents%</u>
● Hazardous components:				
CAS# 108-88-3 Toluene	100 ppm	100 ppm	*see note	175 ppm
CAS# 1330-20-7 Xylene	100 ppm	100 ppm	**see note	
CAS# 2553-13-7 Trimethylbenzenes	25 ppm	25 ppm	Trace	
CAS# 98-82-8 Comene	50 ppm	50 ppm	Trace	
CAS# 471-34-1 Calcium Carbonate	None	None		

- *Note: ACGIH-OSHA short term exposure limit for Toluene & Xylene is 150 ppm. NIOSH recommends a limit of 8 ppm/hour TWA; 200 ppm 10 minutes ceiling
- **This chemical is subject to the reporting requirements of Section 313 of SARA Title III
- **General Information:** To the best of our knowledge the information contained herein is correct. Contract Packaging, Inc. assumes no responsibility for accuracy or completeness. User is responsible for suitability.
- **FOR INDUSTRIAL USE ONLY**
- **HMIS RATING:** Health-2 Flammability-2 Reactivity-0 Protection-F DOT Shipping Description: Paint 3 UN1263 III RO (Xylene) DOT Emergency Chem Trec 1-800-424-9300

3. PHYSICAL/CHEMICAL CHARACTERISTICS

● Boiling Point:	232°F	Specific Gravity (H₂O=1)	.871
Vapor Pressure (mm Hg)	760	Melting Point	N/A
Vapor Density (Air=1)	3.2	Evaporation Rate (Butyl Acetate=1)	2.0
Solubility in Water:	Insoluble	Flashpoint	26.6°C
Appearance & Odor:	Liquid, Sweet Odor		

4. FIRE AND EXPLOSION HAZARD DATA

- **Flash Point (Method Used)** Nonflammable in liquid state
- **Flammable Limits:** None LEL: None UEL: None
- **Extinguishing Media:** Water spray, foam dry chemical or Carbon Dioxide on dried product.
- **Special Fire Fighting Procedures:** Wear SCBA with a full face piece operated in the positive pressure demand mode when fighting fires. Water spray may be used in minimizing or dispersing vapors and cooling equipment exposed to heat and flame. Avoid spreading burning liquid with water used for cooling purposes. Vapors are heavier than air and may travel along the ground or be moved by ventilation and ignited by heat, pilot lights, other flames and ignition sources distant from material handling point.
- **Unusual Fire and Explosion Hazards:** Never use welding or cutting torch on or near drum (even empty) because product (even residue) can ignite explosively. All metal containers should be grounded or bonded when material is transferred.

5. REACTIVITY DATA

- **Stability:** Stable
- **Conditions to Avoid:** AVOID ALL POSSIBLE SOURCES OF IGNITION, HEAT, SPARK OR FLAME, AND BUILDUP OF STATIC ELECTRICITY.
- **Incompatibility (Materials to Avoid):** Strong acids or bases, oxidizing agents or selected amines.
- **Hazardous Decomposition or Byproducts:** Combustion may yield carbon monoxide and/or carbon dioxide.
- **Hazardous Polymerization:** Will not occur
- **Conditions to Avoid:** None

Manufactured by

CONTRACT PACKAGING INC.

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Tel. (407) 246-7797 - Fax. (407) 481-2261 - www.koverkrete.com

6. HEALTH HAZARD DATA

- **Route(s) of Entry:** **Eyes-** Irritant; **Inhalation-** Irritant;
Skin- Moderately Irritant; **Ingestion:** Mild excitation
- **Health Hazard (Acute and Chronic):** Over exposure to this material (or components) has apparently been found to cause the following effects in animals: Liver abnormalities, Kidney damage, Lung damage, Spleen damage. Over exposure to this material (or components) has been suggested as a cause of liver abnormalities in humans: Deliberate misuse of intentionally inhaling vapor may be harmful or fatal.
- **Carcinogenicity:** None
- **NTP:** None
- **IAARC Monographs:** None
- **OSHA Regulated:** Flammable
- **Signs & Symptoms of Exposure:** Reports has associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage.
- **Medical Conditions Generally Aggravated by Exposure:** Dermatitis, pre-existing lung disorders.
- **Emergency & First Aid Procedures:**
 - Eyes:** Flush with water for at least 15 minutes.
 - Skin:** Wash well with soap and water.
 - Inhalation:** Remove to fresh air
 - Ingestion:** **DO NOT** induce vomiting. Call doctor immediately
 - Aspiration Hazard:** Give nothing by mouth because material can enter lungs and cause severe lung damage. If possible do not leave victim unattended. Aspiration of material into the lungs due to vomiting can be fatal.

7. PRE-CAUTION FOR SAFE HANDLING AND USE

- **Steps to taken in case material is released or spilled:** Remove sources of heat or ignition, including internal combustion engines and power tools. **Small Spill:** absorb liquid on paper, vermiculite, or floor absorbent material and transfer to waste disposal container. **Large Spill:** keep all unnecessary people away from area, stop spill at source, dike area to prevent spreading, pump liquid into salvage tank, absorb remaining liquid as small spill and shovel into containers. **DO NOT** flush into sewers.
- **Waste Disposal Method: Allow volatile portion to evaporate. Dispose of remaining material through a licensed waste disposal company Follow all federal, state and local regulations regarding controlled burning or approved landfill burial for contaminated absorbent. Follow all rules.**
- **Precautions to be taken in handling and storage: Store in tightly closed containers in a cool, dry place away from sources of heat or ignition. Ground and bond all transfer and storage equipment.**
- **Other Pre-cautions:** Empty containers may contain residue and can be dangerous. **DO NOT** cut weld, braze, drill, grind, or pressurize. Containers may explode and cause injury or death.

8. CONTROL MEASURES

- **Respiratory Protection (Type):** If workplace exposure limit is exceeded, a NIOSHA/OSHA approved air supplier respirator is advised.
- **Ventilation:**
 - Local Exhaust:** Provide sufficient to maintain exposure below TLV's.
 - Mechanical (General):** None
 - Special:** None
 - Other:** None
- **Protective Gloves:** For repeated use, use Nitrile Rubber
- **Eye Protection:** Chemical Splash Goggles
- **Other Protective Clothing or Equipment:** Wear impervious clothing as needed: Safety shower and eye bath in vicinity is recommended.
- **Work Hygienic Practices:** Practice good housekeeping. Use good personal hygiene practices.

9. OTHER INFORMATION

This information is based our present knowledge. However, this shall not constitute a guarantee for any specific product feature and shall not establish a legally valid contractual relationship.

- **Department issuing MSDS: Environmental, Health and Safety department**
- **Contact: Daniel L. Huckabee**