1. COMPANY IDENTIFICATION AND CHEMICAL PRODUCT

Manufacturer:
Halo Composites LLC
P.O. Box 2512 Stuart, FL 34995

Phone: (888) 235-HALO
Web: HaloEFX.com

ChemTrec Emergency No. 800-424-9300

Product name: HALO CLEAR COATING

Product code: ALL

2. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Component/Occupational Exposure Limits</th>
<th>CAS RN</th>
<th>% by Wt.</th>
</tr>
</thead>
<tbody>
<tr>
<td>* Xylene</td>
<td>1330-20-7</td>
<td>29% - 35%</td>
</tr>
<tr>
<td>OSHA PEL-TWA: 100ppm</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ACGIH TLV: 100ppm</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ACGIH TLV- STEL: 150ppm</td>
<td></td>
<td></td>
</tr>
<tr>
<td>* Toluene</td>
<td>108-88-3</td>
<td>23% – 29%</td>
</tr>
<tr>
<td>OSHA PEL: 200ppm</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ACGIH TLV: 100ppm</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ALIPHATIC HYDROCARBON (VM&amp;P NAPHTHA)</td>
<td>64742-89-8</td>
<td>15% - 20%</td>
</tr>
<tr>
<td>OSHA PEL: 300ppm, ACGIH TLV: 300ppm</td>
<td></td>
<td></td>
</tr>
<tr>
<td>* Ethylbenzene</td>
<td>100-41-4</td>
<td>8.20%</td>
</tr>
</tbody>
</table>

3. HAZARD IDENTIFICATION

Danger

HMIS Codes
Health 2
Flammability 3
Reactivity 0
Personal Protection J

Health and Physical Identification
Combustible liquid coating and vapor. Irritant. Toxic.

Routes of Exposure
Inhalation -Yes
Skin contact -Yes
Eye contact -Yes
Ingestion -Yes

Target Organs
Blood -Yes
Eyes -Yes
Kidneys -Yes
Liver -Yes
Lungs -Yes
Central nervous system -Yes
Reproductive -No
Effects of Overexposure

Inhalation
Avoid breathing vapors or mists. Symptoms may include coughing, sore throat, labored breathing, and chest pain. Central nervous system depression with nausea, dizziness, headache or stupor.

Skin
Mildly irritating but not a skin sensitizer. Symptoms may include redness, burning, and swelling of skin.

Eyes
Avoid contact with eyes. Contact with eyes may cause irritation.

Ingestion
May be harmful if swallowed.

Other
May produce CNS depression. Pre-existing condition of the following organ(s) may be aggravated by the exposure to this material: lungs

4. FIRST AID MEASURES

Inhalation
If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult give oxygen. Get medical attention.

Skin contact
Remove and wash contaminated clothing before re-use. Wash off immediately with soap and plenty of water. If irritation occurs, seek medical attention.

Eye contact
In case of eye contact, flush the eyes with water for 15 minutes. If contact lenses are worn, quickly remove them, then flush the eyes with plenty of water. If irritation persists, have a physician examine the eyes.

Ingestion
Seek immediate medical attention. Do not induce vomiting. If vomiting occurs spontaneously, keep the head below the hips to prevent aspiration of liquid into the lungs.

Note to Physician
Treat symptomatically.

5. FIRE FIGHTING MEASURES

Flash Point: Method:
45°F  
Setaflash Closed Cup

**Explosion Limits:**

**Lower (LEL)**
0.7%

**Upper (UEL)**
10.60%

**Extinguishing Media**
Carbon dioxide (CO2). Dry chemical. Foam. Water may be ineffective. If area is heavily exposed to fire and if conditions permit, let the fire burn itself out since water may increase the area contaminated. Use dry chemical, CO2, water spray or "alcohol" foam.

**Specific Methods**
If potential for exposure to vapors or products of combustion exists, wear full fire fighting turnout gear and NIOSH approved self-contained breathing apparatus. In the event of fire, cool containers/tanks with water spray. Keep personnel removed from and upwind of fire.

**Unusual Hazards**
Vapor is heavier than air and can travel considerable distance to a source of ignition and flashback. Toxic fumes may be emitted during combustion or thermal decomposition of this product.

### 6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions**
INFORMATION NOT AVAILABLE.

**Environmental Precautions**
Prevent this material from entering sewers and watercourses by diking or impounding the spilled material. Advise authorities if the product has entered or may enter, sewers, watercourses, or extensive land areas.

**Methods for Cleanup**

### 7. HANDLING AND STORAGE

**Handling**
Contents are FLAMMABLE. Keep away from heat, sparks and open flame. During use and until all vapors are gone: Keep area ventilated - Do not smoke - Extinguish all flames, pilot lights and heaters - Turn off stoves, electric tools and appliances, and any other sources of ignition. Consult NFPA Code. Use approved Bonding and Grounding procedures. Keep container closed when not in use. Transfer only to approved containers with complete and appropriate labeling. Do not take internally. Keep out of the reach of children.
8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Engineering Controls**  
As required by OSHA, the user (employer) must "monitor and maintain the concentration of all hazardous substances in the air below their occupational exposure limits." Use with adequate ventilation, especially in confined areas. In case of insufficient ventilation, wear suitable respiratory equipment. The product should only be used in areas where all exposed lighting and other sources of ignition have been removed. Electrical equipment should be protected to the appropriate standard. To avoid ignition of vapors by static electricity discharge, all metal parts of the equipment must be grounded and bonded.

**Respiratory Protection**  
Local exhaust is recommended to ensure adequate ventilation. In case of insufficient ventilation, wear suitable respiratory equipment. If needed, use a NIOSH/MSHA approved respirator equipped with organic vapor cartridges and P100 filters. For emergencies and unknown concentrations, use supplied-air respiratory protection or a positive-pressure, self-contained, breathing apparatus (SCBA).

**Hand Protection**  
Wear solvent-resistant gloves (butyl rubber or neoprene). Gloves should be replaced immediately if signs of degradation are observed.

**Eye Protection**  
Wear safety glasses with side-shields. If extra protection is required; wear a face-shield over the safety glasses or splash goggles. Face-shields are only effective if worn in addition to safety glasses or splash goggles. An emergency eye wash should be readily available.

**Skin Protection**  
Wear a chemical-resistant, butyl-rubber apron and other protective clothing, as deemed appropriate, to avoid skin contact with material. Safety showers should be readily available.

**Other Data**  
Good personal hygiene and good housekeeping are important. Spilled material may cause the floor or contaminated area to become slippery.
10. STABILITY AND REACTIVITY

Chemical Stability
Stable under recommended storage conditions.

Incompatibility
No data found

Hazardous Decomposition Products
Oxides of carbon, including carbon monoxide

Hazardous Polymerization
Hazardous polymerization does not occur.

11. TOXICOLOGICAL INFORMATION

ETHYLBENZENE, CAS NO 100-41-4
Inhalation LC50 Rat 17.2 mg/L 4 h
Oral LD50 Rat 3500 mg/kg
Dermal LD50 Rabbit 15354 mg/kg

TRIMETHYLBENZENE, CAS NO 108-67-8
Inhalation LC50 Rat 24 g/m3 4 h
Oral LD50 Rat 5000 mg/kg

TOLUENE, CAS NO 108-88-3
Inhalation LC50 Rat 12.5 mg/L 4 h
Inhalation LC50 Rat >26700 ppm 1 h
Oral LD50 Rat 636 mg/kg
Dermal LD50 Rabbit 8390 mg/kg
Dermal LD50 Rat 12124 mg/kg

XYLENES (o-, m-, p- ISOMERS), CAS NO 1330-20-7
Inhalation LC50 Rat 5000 ppm 4 h
Inhalation LC50 Rat 47635 mg/L 4 h
Chronic Toxicity
Toluene (108-88-3) may cause damage to the following organs: blood, kidneys, liver, brain, and central nervous system. Overexposure to toluene has been reported to cause hearing loss.

Carcinogenic Effects
The International Agency for Research on Cancer (IARC) has classified ethyl benzene as a 2-B Possible Human Carcinogen.

Mutagenic Effects
Toluene may affect genetic material.

Reproductive Toxicity
No data found.

12. ECOLOGICAL INFORMATION
No data available.

13. DISPOSAL CONSIDERATIONS

Method
As the US Environmental Protection Agency (EPA), state, regional, and other regulatory agencies may have jurisdiction over the disposal of the waste generated, it is incumbent upon the waste generator to learn of and satisfy all of the waste disposal requirements which affect them. US EPA Hazardous Waste Numbers are applicable to the unadulterated product if it enters the "waste stream".
US EPA Hazardous Waste Numbers
None

14. TRANSPORT INFORMATION

The data provided in this section is for information only and may not be specific to your package size or mode of transport. You will need to apply the appropriate regulations to properly classify your shipment for transportation.

US Ground (DOT)
5 Liters (1.3 Gallons) and Less may be Classed as LTD, QTY, OR ORM-D.
Larger Containers are Regulated as:
UN1263, PAINT, 3, PG II, (ERG#128)

DOT Exception See DOT 49CFR 172.102, Special Provision 149 and DOT 49CFR 171.8 for Consumer Commodity, ORM-D

DOT (Dept of Transportation) Hazardous Substances & Reportable Quantities
Ethyl Benzene 1000 lb RQ
Xylenes (isomers and mixture) 100 lb RQ

Bulk Containers may be Shipped as (check reportable quantities)
RQ, UN1263, PAINT, 3, PG II, (XYLENES (ISOMERS AND MIXTURE)), (ERG#128)

Canada (TDG)
UN1263, PAINT, 3, PG II, LIMITED QUANTITY, (ERG#128)

IMO
5 Liters (1.3 Gallons) and Less may be Shipped as Limited Quantity.
UN1263, PAINT, 3, PG II, (32 C.c.c.), EmS F-E, S-E.

IATA/ICAO
UN1263, PAINT, 3, PG II

15. REGULATORY INFORMATION

SARA 313
Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical(s) which are subject the reporting requirements of the Act and 40 CFR Part 372:

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*** NO REPORTABLE QUANTITIES OF HAZARDOUS INGREDIENTS ARE PRESENT ***

TSCA 12(b)
All chemicals in this product are listed, or are exempt from listing, on the TSCA Inventory.
CALIFORNIA PROPOSITION 65
Warning: This product contains chemicals known to the State of California to cause cancer and birth defects of other reproductive harm.

16. OTHER INFORMATION

Non-Warranty:
The information presented in this publication is based upon the research and experience of Halo Composites LLC. No representation or warranty is made, however, concerning the accuracy or completeness of the information presented in this publication. Halo Composites LLC makes no warranty or representation of any kind, express or implied, including without limitation any warranty or merchantability or fitness for any particular purpose, and no warranty or representation shall be implied by law or otherwise. Any products sold by Halo Composites LLC are not warranted as suitable for any particular purpose to the buyer. The suitability of any products for any purpose particular to the buyer is for the buyer to determine. Halo Composites LLC assumes no responsibility for the selection of products suitable to the particular purposes of any particular buyer. Halo Composites LLC shall in no event be liable for any special, incidental, or consequential damages.

MSDS Status: APPROVED
Revision Date: 10/10/13