

Safety Data Sheet



Solvent Tint Concentrate

Section 1 Product Description

Product Name: Solvent Tint Concentrate
Recommended Use: Staining concrete
Supplier: ChemSystems, Inc. 10101 Genard Road Houston, TX 77041
P: 800.545.9827 • F: 713.329.9065 www.chemsystemsinc.net
Emergency Phone: CHEMTRAC 1-800-424-9300

Section 2 Hazard Identification

Category 1B Skin Corrosive
Category 2 Flammable Liquid
Category 2A Eye Irritation



Signal Word:
Danger

Hazard Statements:

H225 Highly flammable liquid and vapor
H312 Harmful in contact with skin
H332 Harmful if inhaled
H336 May cause drowsiness or dizziness

Precautionary Statements:

Prevention:

P233 Keep container tightly closed
P220 Keep/Store away from clothing
P261 Avoid breathing mist
P270 Do not eat, drink, or smoke while using this product
P273 Avoid release to the environment
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P284 Upper respiratory protection
P264 Wash skin thoroughly after handling

Response:

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P302+P352 IF ON SKIN: Wash with plenty of water
P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing

Section 3 Composition/ Information on Ingredients

Component	CAS No.	OSHA PEL(TWA)	ACGIH(TLV-TWA)	Weight %
Acetone	67-64-1	N/A	500 ppm	<5%
Trimethylbenzene	95-63-6	N/A	25 ppm	<3%
Xylene	1330-20-7	N/A	100 ppm	<75%

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Cumene	98-82-8	N/A	50 ppm	<2%
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Xylene and Acetone are classed as combustible by OSHA.

Unlisted ingredients are not "hazardous" per the OSHA standard and/or are present at less than the allowable levels.

Section 4 First Aid Measures

Emergency First Aid Procedures

Skin: Remove contaminated clothing, thoroughly wash with soap and water until no evidence of the chemical remains. Consult a physician if irritation persists. Launder contaminated clothing before reuse.

Eyes: Flush with water for at least 15 minutes. If irritation persists consult a physician.

Inhalation: Remove to fresh air. Administer artificial respiration if necessary. If breathing is difficult call a physician.

Ingestion: Give 2 glasses of water to drink. Do not induce vomiting. Consult a physician.

Section 5 Firefighting Procedures

Extinguishing Media: Use NFPA Class 8 fire extinguisher, water fog, foam, dry chemical or carbon dioxide.

Flash Point (TCC): 80° F, Closed Cup

Flammable Limits (% volume in air for solvents): LEL: Not Determined UEL: Not Determined

Special Fire Fighting Procedures: Fight as volatile liquid fire. Use water spray to keep nearby containers cool to reduce pressure build up. Wear self contained breathing apparatus and full protective gear.

Unusual Hazards: Vapors may travel to a source of ignition and flash back. Heated material may form flammable or explosive mixtures with air.

Section 6 Spill or Leak Procedures

Spills: Evacuate the spill area. Eliminate all potential sources of ignition. Ventilate the area and do not breath the vapors. Use caution, floor may be slippery. Contain Spills immediately with inert materials. Transfer Liquid and diking materials to a separate container for recovery or disposal.

Cleanup: Keep spills and cleaning runoff out of municipal sewers and open bodies of water.

Regulatory Requirements: Follow applicable OSHA regulations (29 CFR 1910.120).

Disposal Regulatory Requirements: Incinerate, Follow applicable Federal, state, and local regulations.

Section 7 Handling and Storage

Normal Handling: Material will accumulate a static charge which, if discharge, could cause a fire and or explosion. All containers must be properly grounded in accordance with API recommended practice.

Storage: Store material in its original container. Keep containers tightly closed when not in use.

Waste Disposal Method: Incinerate in accordance with federal, state, and local guidelines.

Section 8 Protection Information

Respiratory Protection: Where concentrations in air may exceed allowable limits, NIOSH approved respirators should be worn.

Ventilation: Use explosion proof exhaust system designed and maintained to keep vapor level below the TLV and LEV.

Protective Clothing/Equipment: Wear neoprene gloves and long sleeves and chemically resistant clothing to prevent prolonged or repeated skin contact.

Eye Protection: Use chemical, splash goggles and face shield (ANSI Z87.1 or =)

Safety Stations: Make emergency eyewash stations, safety/quick drench showers, and washing facilities available in work area.

Contaminated Equipment: Separate contaminated work clothes from street clothes. Launder before reuse. Remove this material from your shoes and clean personal protective equipment.

Comments: Never eat, drink, or smoke in work areas. Practice good personal hygiene after using this material, especially before eating, drinking, smoking, using the toilet, or applying cosmetics.

Section 9 Physical Data

Appearance: Liquid Paste

Color: Various

Odor: Sour, Sweet

Odor Threshold: n/a

pH: n/a

Melting Point: n/a

Freezing Point: n/a

Boiling Point: 318-338° F

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Flash Point: 80° F, Closed Cup
Evaporation Rate: n/a
Flammability (solid, gas): n/a
Upper/lower Flammability: n/a
Vapor Pressure: n/a
Vapor Density: n/a
Relative Density: Approx. 0.88gm/cc
Water Solubility: Less than 0.02% @ 7rF
Partition Coefficient: n/a
Auto-ignition Temperature: n/a
Decomposition temperature: n/a
Viscosity: n/a
Specific Gravity (H2O=1, at 4 °C): n/a

Section 10 **Reactivity Data**

Reactivity: This material is considered stable but avoid ignition sources like sparks, open flames, heated surfaces.
Conditions to avoid: Keep containers tightly closed and away from heat, spark, electrical equipment and open flames. Closed containers may explode if exposed to heat.
Incompatibility (Materials to Avoid): Avoid contact with strong oxidizing agents.
Hazardous Decomposition (Byproducts): Thermal decomposition may yield acrylic monomers in addition to carbon monoxide and carbon dioxide.
Hazardous Polymerization: Hazardous polymerization will not occur.

Section 11 **Toxicity Data**

Routes of Exposure: Inhalation, eyes, and skin.
Acute Toxicity Lethal Doses: n/a

Skin Contact: Irritant to skin. Repeated skin contact may cause dermatitis.
Eye Contact: May cause irritation if excessive amount of vapors are present. Direct contact may cause burning, tearing, redness and swelling.
Inhalation: Irritant to respiratory tract, prolonged breathing of vapors can cause headache, dizziness and nausea.
Ingestion: May cause irritation of digestive tract, drowsiness, loss of coordination and fatigue.
Carcinogen: n/a
Aggravation of Pre-existing Conditions: May irritate existing dermatitis conditions.

Section 12 **Ecological Data**

Acute Toxicity to Fish: n/a
Acute Toxicity to Aquatic Invertebrates: n/a
Persistence and Degradability: No data available
Bioaccumulation Potential: No data available
Mobility in the Soil: No data available
Other Adverse Effects: None

Section 13 **Disposal Information**

Waste Disposal Method: Dispose of material in accordance with all Federal, State, and Local regulations.

Section 14 **Transport Information**

US DOT:
Proper Shipping Name: Resin Solution, Flammable Liquid
Hazard Class: 3
UN: UN1263
Packing Group: PGIII
Marine Pollutant: No
RQ: n/a.

IATA:

Proper Shipping Name: Resin Solution, Flammable Liquid

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Hazard Class: 3
UN: UN1263
Packing Group: PGIII
Marine Pollutant: No

IMO:

Proper Shipping Name: Resin Solution, Flammable Liquid
Hazard Class: 3
UN: UN1263
Packing Group: PGIII
Marine Pollutant: No

Section 15 Regulatory Information

RCRA Hazardous Waste Number (40 CFR 261.33): n/a

State Regulations: Consult individual state agency for further information.

California Prop. 65: n/a

Section 16 Additional Information

The regulatory information provided is not intended to be comprehensive. Other Federal, State and Local regulations may apply to this material.

DISCLAIMER: Although the information and recommendations set forth herein are presented in good faith and believed to be correct as of the date hereof, manufacturer makes no representations as to the completeness or accuracy thereof.