



# Stamp-Tek™ Liquid Release

## MATERIAL SAFETY DATA SHEET

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Effective: August 01, 2005

### SECTION 1 - PRODUCT IDENTIFICATION

**Common Name:** Stamp-Tek Liquid Release  
(As appears on label)  
**Description:** Liquid release agent  
**Manufacturer/Supplier:** Concrete Coatings Inc.  
PO Box 150071  
Ogden, UT 84415  
1-800-443-2871

**Prepared by:** Troy Harris, Technical Director

**Emergency:** Chemtrec 1-800-424-9300

Hazard Rating		Scale
Toxicity	2	4 = Extreme
Flammability	2	3 = High
Reactivity	0	2 = Moderate
Special	0	1 = Slight
		0 = Insignificant

### SECTION 2 - HAZARDOUS INGREDIENTS

Hazardous Components Chemical & Common Names	CAS No.	Percent By Weight	OSHA PEL	OSHA STEL	ACGIH STEL	ACGIH TLV
Parrafins (Petroleum)	64771-72-8	60-70	N.E	N.E	N.E	N.E
Mineral Spirits (Aromatic Naptha)	Not Hazardous	30-40	100 ppm	N/A	N/A	100 ppm

### SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

**Boiling Point:** 230 ° F  
**Melting Point:** 1.09  
**Specific Gravity (Water = 1):** 1.7  
**Vapor Pressure (mm Hg):** 17 mm Hg @ 20° C/68° F  
**Vapor Density (Air = 1):** 4.0  
**Solubility in Water:** NO  
**Evaporation Rate  
(Butyl Acetate=1)** 2.0  
**Appearance & Odor** Clear, Slight haze  
**PH:** 8.0 – 9.0  
**Viscosity** 85-105 cps maximum  
**Percent Volatility** 61.8%

### SECTION 4 - FIRE AND EXPLOSION DATA

**Flash Point:** Closed Cup: 110 ° F / 33 ° C  
**Flammable Limits:** **Lower Explosive Limit:** 1.0  
**Upper Explosive Limit:** 7.0  
**Extinguishing Media:** Carbon Dioxide, Dry Chemical, Water Fog and Foam.  
**Unusual Fire/Explosion  
Hazards:** None  
**Special Firefighting  
Procedures:** Firefighter must wear self-contained breathing apparatus or air masks.  
Keep containers that are exposed to fire cool with water or cooling agent.

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## SECTION 5 – REACTIVITY DATA

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<b>Stability:</b>	Stable
<b>Conditions to avoid:</b>	N/A
<b>Incompatible with:</b>	Strong Oxidizers, Acids
<b>Hazardous decomposition products:</b>	Carbon Dioxide/Monoxide and Metal Oxides.
<b>Hazardous polymerization:</b>	N/A

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## SECTION 6 HEALTH HAZARD DATA

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### Components

<b>Mineral Spirits</b>	Oral LD50	Rat	4,300 mg/kg
	Inhalation LC50	Rat	5,000 ppm/4-hours
	Dermal LD50	Rabbit	17,899 mg/kg

<b>Carcinogenicity:</b>	NO
<b>IARC:</b>	NO
<b>OSHA Regulated?:</b>	NO
<b>Threshold Limit Value (TLV):</b>	100 ppm

### Effects of Overexposure:

#### **Inhalation:**

Harmful if inhaled. May affect nervous system, respiratory system, and brain resulting in dizziness, headache, incoordination, respiratory irritation or nausea. Vomiting, upset stomach, wheezing, coughing and shortness of breath can occur. Continued overexposure can cause liver and kidney damage.

#### **Skin Contact:**

Repeated and prolonged contact can cause irritation and dermatitis. Can be absorbed through the skin. Can cause redness, itching and burning sensation

#### **Eye Contact:**

Extremely irritating to eyes, can cause burning sensation and corneal injury

#### **Warning!**

Reports are have associated prolonged and repeated overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling fumes may be harmful and/or fatal.

### **Emergency and First Aid Procedures**

#### **Skin and Eye Contact:**

Flush affected area with large amounts of water for at least 15 minutes and contact physician., If irritation persists, wash affected skin area with soap and warm water. DO NOT USE SOLVENTS TO REMOVE FROM SKIN

#### **Inhalation:**

Move individual to fresh air immediately if symptoms occur. If breathing becomes difficult, administer oxygen, and consult physician immediately. If breathing has stopped, apply applicable CPR procedures and contact physician immediately.

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## SECTION 7 – SPILL OR LEAK PROCEDURES

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#### **If Material Spills or Leaks:**

Absorb material with inert media and dispose of in a chemical-waste container. Keep away from Municipal sewers, lakes, or streams.

#### **Waste Disposal:**

Empty containers may contain product residue and may still be hazardous. Dispose of in accordance with local, state and federal regulations.

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## SECTION 8 – SAFE HANDLING AND STORAGE INFORMATION

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<b>Respiratory Protection</b>	Wear MSHA/NIOSH approved respirator suitable for concentrated organic vapors. In extreme concentrations ( Not recommended) wear air supplied breathing apparatus
<b>Ventilation:</b>	Due to solvent vapors, this product is not ideal for indoor use. Provide adequate local ventilation. Provide spark resistant mechanical ventilation as necessary to evacuate fumes.
<b>Protective Equipment:</b>	Wear solvent resistant neoprene rubber gloves, safety glasses with splash guards or side shields, chemical goggles, or face shields.
<b>Other Equipment and Practices:</b>	Standard painting clothing is suitable.
<b>Special Precautions for Handling and Storage:</b>	Store in a cool, dry, well-ventilated place. Keep away from heat, ignition sources, open flame, or direct sunlight. Keep containers tightly closed. Excessive heat can cause sealed containers to rupture due to internal pressure.

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## SECTION 9 – SHIPPING INFORMATION

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<b>DOT Shipping Name:</b>	<b>Paint Related Material</b>
<b>UN/NA Id #:</b>	<b>Un1263</b>
<b>DOT Hazard Class:</b>	<b>3 (IATA/49CFR)</b>
<b>DOT Label:</b>	<b>Flammable Liquid</b>
<b>DOT Label No.:</b>	<b>N/A</b>
<b>Packaging Group:</b>	<b>III</b>

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## SECTION 10 – REGULATORY INFORMATION

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This product is considered hazardous under the OSHA Hazard Communication Standard (29 CFR 1910.1200).

<b>SARA Title III</b>	<b>Section 311/312 – Hazard Categories:</b>
	<b>Y – Fire Hazard</b>
	<b>N – Sudden Release of Pressure Hazard</b>
	<b>N – Reactivity Hazard</b>
	<b>Y – Immediate (acute) Health Hazard</b>
	<b>Y – Delayed (chronic) Health Hazard</b>

**Ozone-Depleting Chemicals – No Regulated ingredients**  
**SARA Section 302 Extremely Hazardous Mat – No regulated ingredients**

**SARA Section 313 Toxic Chemicals –**  
**Xylene**

