

**MSDS.414 – CSS Emulsion™****EMERGENCY ASSISTANCE**

**For Chemical Emergency Spill, Leak, Fire or Exposure call 24 hours a day: CHEMTREC (800) 424-9300. Outside the U.S. call (703) 527-3887 (Collect calls accepted).**

**SECTION I - PRODUCT IDENTIFICATION**

PRODUCT NAME: Concentrated Solvent Sealer (CSS Emulsion)

PRODUCT CLASS: Acrylate Copolymer - Polymeric Ester Solution

**SECTION II – COMPOSITION**

Acrylic Polymer	CAS No. Proprietary	Max Content 44%
Copolymer of Methyl Methacrylate and 2-Ethylhexylacrylate	CAS No. 25265-15-0	Max Content 6%
Modified Co-Polymer	CAS No. Proprietary	Max Content 3%
Toluene	CAS No. 108-88-3	Max Content 10%
Xylene	CAS No. 1330-20-7	Max Content 45%

**SECTION III - HAZARDS**

Skin: A slight skin irritant. Prolonged exposure may cause dermatitis.

Eyes: May cause irritation.

Ingestion: Hazard would be lung aspiration.

Inhalation: No expected hazard under normal conditions. However, exposure to vapor in excess of 1000ppm can cause drowsiness, nausea and ultimately loss of consciousness.

HMIS RATING: Health - 3  
Flammability - 3  
Reactivity - 0

HAZARD RATING: 4=Severe  
3=Serious  
2=Moderate  
1=Slight  
0=Minimal

**SECTION IV - FIRST AID**

Skin: Wash skin with soap and water while removing contaminated clothing. Get medical attention if irritation persists.

Eyes: Flush immediately with water. Get medical attention if irritation persists.

Ingestion: Do not induce vomiting because of danger of aspirating liquid into lungs. If spontaneous vomiting occurs, keep head below hips to prevent aspiration and monitor breathing. GET IMMEDIATE MEDICAL ATTENTION.

Inhalation: Remove to fresh air. If not breathing, provide artificial respiration. GET IMMEDIATE MEDICAL ATTENTION.

**SECTION V - FIRE FIGHTING**

Flash Point: 100° F Pensky Martens Closed Cup

Auto Ignition Temperature: Approx. 880° F

**Basic Firefighting Procedures:**

- Use water spray, dry chemical, alcohol foam, all purpose AFFF or carbon dioxide to extinguish fire. Evacuate area and fight fire from a safe distance.
- If leak or spill has not ignited, ventilate area and use water spray to disperse gas or vapor and to protect personnel attempting to stop a leak.
- Use water spray to cool adjacent structures and protect personnel.
- Firefighters must wear MSHA/NIOSH approved positive pressure breathing apparatus (SCBA) with full face mask and full protective equipment.

**SECTION VI - REACTIVITY DATA**

**STABILITY:** Stable.

**HAZARDOUS POLYMERIZATION:** Will not occur

**HAZARDOUS DECOMPOSITION PRODUCTS:** Typical by-products of combustion.

**CONDITIONS TO AVOID:** Excessive heat, poor ventilation, corrosive atmospheres, excessive aging.

**INCOMPATIBILITY**

**(MATERIALS TO AVOID):** Alkaline materials strong acids and oxidizing materials.

## SECTION VII - SPILL OR LEAK PROCEDURES

### STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED

OR SPILLED: Eliminate ignition sources, provide good ventilation. Dike spill area and add absorbent earth or sawdust to spilled liquid, thoroughly wet with water and mix.

WASTE DISPOSAL METHOD: Collect absorbent/water/spilled liquid mixture into metal containers and add enough water to cover. Consult local state and federal waste regulator before disposing into approved hazardous waste landfills. Obey relevant laws.

## SECTION VIII - SAFE HANDLING AND USE INFORMATION

RESPIRATORY PROTECTION: When using this material, use a NIOSH approved cartridge respirator or gas mask suitable to keep airborne mists vapor concentrations below the time weighted threshold limit values. When using in poorly ventilated and confined spaces, use a fresh-air supplying respirator of a self-contained breathing apparatus.

VENTILATION: General mechanical ventilation or local exhaust should be suitable to keep vapor concentrations below TLV. Ventilation equipment must be explosion proof.

PROTECTIVE GLOVES: Impermeable chemical gloves for skin protection.

EYE PROTECTION: Use chemical safe glasses, goggles and face shields for eye protection.

OTHER PROTECTIVE EQUIPMENT: Use impermeable aprons and protective clothing whenever possible to prevent skin contact.

HYGENIC PRACTICES: Eye washes and safety showers in the work place is recommended.

## SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Avoid hot metal surfaces. Use in cool well ventilated areas. Keep containers closed when not in use. Keep away from open flames and excessive heat. Use non-sparking items when using this material.

OTHER PRECAUTIONS: Smoking in areas where this material is used should be strictly prohibited.

## SECTION X - PROPERTIES

Appearance:	Clear, Colorless Liquid
Odor:	Moderate, Aromatic Odor
Boiling Point:	315° F
Flash Point:	100° F
Vapor Pressure:	<10
Vapor Density	3.2
Solubility in water	Negligible
Specific Gravity	.99
Percent Volatile by Volume	47%
Evaporation Rate	1.9

## SECTION XI - TRANSPORTATION

DOT Identification Number: UN1263 Paint. Class 3 Flammable Liquid