

# Material Safety Data Sheet

According to ANSI Z400.1-2003

Date Printed: 10-16-2012

## Section 1 - Product and Company Information

**Product Name:** Insta-Weld Activator**Product Part Number(s):** 2303-1, 2303-3, 2303-6, 2303-1F, 2303-6F**COMPANY IDENTIFICATION:**

Urethane Supply Company

1128 Kirk Rd.

Rainsville, AL 35986

**EMERGENCY TELEPHONE NUMBER****24 Hour Emergency Contact****Customer Information Number**

Chemtrec - 1-800-424-9300

256-638-4103

## Section 2 - Hazards Identification

**Appearance:** Clear Liquid**Odor:** Acetone**Hazards of Product:****HMIS Rating (Scale 0 - 4)**

<b>HEALTH</b>	<b>1</b>	Health = 1
<b>FIRE</b>	<b>3</b>	Fire = 3
<b>PHYSICAL</b>	<b>1</b>	Physical = 1
<b>PERSONAL PROTECTION</b>	<b>G</b>	Personal Protection = G

**NFPA Ratings****Safety Glasses****Gloves****Vapor Respirator****Potential Health Effects****Eye Contact:** Irritation on contact**Skin Absorption:** Irritation (Est. Demmal LD50 > 2000Mg./Kg)**Inhalation:** May cause nausea, headache, dizziness and irritation of respiratory tract.**Ingestion:** If significant quantity ingested, may dull senses (Oral LD50 > 5000)

## Section 3 - Composition/Information on Ingredients

Component	CAS #	Amount
Acetone	67-64-1	<30%
Heptane	142-82-5	>69%
N,N-Dialkyltoluene	99-97-8	<5%

## Section 4 - First-Aid Measures

Medical Conditions Aggravated by Exposure: Bronchitis, CNS disorders, allergies, nausea.

## Section 5 - Fire Fighting Measures

Extinguishing Media: CO2, Foam, Dry chemical

Fire Fighting Procedures: Firefighters should wear self contained breathing gear and protective clothing.

Unusual Fire and Explosion Hazards: Direct water jet will spread burning material. Water should not be used except as a fog to keep nearby containers cool. Combustion products are very toxic & highly irritating. Vapors form an explosive mixture in air.

## Section 6 - Accidental Release Measures

Steps to be Taken if Material is Released or Spilled: Permit only properly portected workers with skin and eye protection and breathing gear. Absorb small spills with absorbant material, or let evaporate in well ventilated area. Pump large spills into salvage tanks.

Personal Precautions:

Environmental Precautions:

## Section 7 - Handling and Storage

General Handling: Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervouse systemdamage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmfull or fatal. Avoid spontaneous combustion of contaminated rags or other ignitable material. Keep out of reach of children.

Other Precautions:

Storage: Keep containers closed when not in use. Keep away from open flames and excessive heat.

## Section 8 - Exposure Controls / Personal Protection

Component	Source	Type	Value	Remarks
Acetone	NIOSH	10H TWA	590 mg/m3	
Acetone	DFG MAK		1000 ppm	
Acetone	ACGIH	TLV	750 ppm	STEL
Acetone	ACGIH	TLV	500 ppm	TWA
Acetone	OSHA	PEL	1000 ppm	TWA

Heptane	ACGIH	TLV	500 ppm	STEL
Heptane	ACGIH	TLV	400 ppm	TWA
Heptane	OSHA	PEL	500 ppm	TWA

---

## Personal Protection

**Eye/Face Protection:** Safety glasses with eye shields.

**Skin Protection:** Resistant plastic or rubber.

**Respiratory Protection:** Above TLV. NIOSH/MESSA approved respirator.

**Hygienic Measures:** Wash hands before eating, smoking, or using the wash washroom.

**Other Protection Measures:** Protective plastic or rubber apron.

**Engineering Controls:** Local exhaust recommended.

---

## Section 9 - Physical and Chemical Properties

---

<b>Appearance:</b>	Water thin, very low viscosity. Sharp chemical odor
<b>Flash Point:</b>	30F
<b>Upper Flammable Limit:</b>	7
<b>Lower Flammable Limit:</b>	1.1
<b>Boiling Point:</b>	208
<b>Vapor Density:</b>	Heavier than air
<b>Specific Gravity:</b>	0.684 @77F
<b>Solubility in Water:</b>	Not Soluble

---

## Section 10 - Stability and Reactivity

---

**Stability/Instability:** Stable

**Conditions To Avoid:** Excessive heat, poor ventilation, open flames, sources of ignition.

**Incompatible Materials:** Strong oxidizers, acids & bases. May react violently with aluminum on porlonged contact.

**Hazardous Polymerization:** Will Not Occur

**Hazardous Decomposition Products:** Carbon monoxide, carbon dioxide.

---

## Section 11 - Toxicological Information

---

**Acute Toxicity**

**Ingestion**

<5%

**Skin Absorption**

<5%

**Inhalation**

<5%

---

## Section 12 - Ecological Information

---

## Section 13 - Disposal Considerations

---

**Disposal Method:**

Landfill or incinerate in accordance with EPA and local regulations.

**Container Disposal:** Disposal must be made according to official regulations.

---

## Section 14 - Transport Information

---

**DOT**

**Proper Shipping Name:** Flammable Liquid, n.o.s. (acetone, heptane, toluide)

**Hazard Class:** 3

**ID Number:** UN1993

**Packing Group:** II

---

## Section 15 - Regulatory Information

---

**Superfund Amendments and Reauthorization Act of 1986 (Emergency Planning and Community Right-to-Know Act of 1986) Sections 311 and 312**

The following table lists hazardous components and the regulatory lists for which they are required to be reported.

---

## Section 16 - Other Information

---

**Legend**

ACGIH	American Conference of Governmental Hygienists
CFR	Code of Federal Regulations
DFG	Deutsche Forschungsgemeinschaft
HMIS	Hazardous Materials Identification System
IARC	International Agency for Research on Cancer
MAK	Maximum Allowable Concentration (German)
MSDS	Material Safety Data Sheet

NFPA	National Fire Protection Association
NIOSH	National Institute for Occupational Safety and Health
OEL	Occupational Exposure Limit
RCRA	Resource Conservation and Recovery Act
STEL	Short Term Exposure Limit
TLV	Threshold Limit Value
TWA	Time Weighted Average

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