

# Safety Data Sheet (SDS)

According to GHS (Global Harmonized System) - Hazcom 2012

Date Printed (YYYY-MM-DD): 2020-04-15

## Section 1 - Product and Company Information

**Product Name:** Insta-Weld Activator

**Product Part Number(s):** 2303-3,

**Recommended Use:** Instant adhesive.

**COMPANY IDENTIFICATION:**

Polyvance  
1128 Kirk Rd.  
Rainsville, AL 35986

**Information email:** info@polyvance.com

**EMERGENCY TELEPHONE NUMBER:**

**24 Hour Emergency contact:** Chemtrec: 1-800-424-9300  
Outside US: 703-527-3887

**Customer Information Number:** 256-638-4103 (7AM - 4PM (CST) M-F)

## Section 2 - Hazards Identification

**Appearance:** Clear Liquid

**Odor:** Acetone

**Hazard Statement:**

Highly flammable liquid and vapor. May be harmful if swallowed.  
May be harmful in contact with skin. Causes eye irritation.

**Signal Word:**

**Signal Word Hazard:** Highly flammable liquid and vapor

GHS Physical Hazard Pictogram	GHS Health Hazard Pictogram(s)	GHS Environmental Hazard Pictogram
 Flammable	 Irritant	 Health Hazard
		Not Applicable

### GHS Hazards Statement Codes for This Product

Statement Type	Statement Code	Statement Text
Health	H303	May be harmful if swallowed
Health	H313	May be harmful in contact with skin
Health	H320	Causes eye irritation
Physical	H225	Highly flammable liquid and vapor

**Precautionary Statement:**

Keep out of reach of children. Read label before use. Do not get in eyes, on skin, or on clothing.

### GHS Precautionary Statement Codes for This Product

Statement Type	Statement Code	Statement Text
General	P102	Keep out of reach of children
General	P103	Read label before use
Prevention	P262	Do not get in eyes, on skin, or on clothing

## Potential Health Effects

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<b>Eye Contact:</b>	Irritation on contact
<b>Skin Contact:</b>	Prolonged exposure may cause skin irritation.
<b>Skin Absorption:</b>	Irritation (Est. Dermal LD50 > 2000Mg./Kg)
<b>Inhalation:</b>	May cause nausea, headache, dizziness and irritation of respiratory tract.
<b>Ingestion:</b>	If significant quantity ingested, may dull senses (Oral LD50 > 5000)

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## Section 3 - Composition / Information on Ingredients

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Component	CAS #	ENIECS	REACH Reg. No.	Amount
Heptane	142-82-5			>69%
Acetone	67-64-1			<30%
N,N-Dimethyl-p-toluidine	99-97-8			<1%

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## Section 4 - First Aid Measures

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<b>Eye Contact:</b>	Immediately flush with plenty of water for 15 minutes. Get medical attention if irritation occurs.
<b>Skin Contact:</b>	Flush with plenty of soap and water for 15 minutes.
<b>Inhalation:</b>	Remove to fresh air immediately.
<b>Ingestion:</b>	Do not induce vomiting. Seek medical attention.
<b>Medical Conditions Aggravated by Exposure:</b>	Bronchitis, CNS disorders, allergies, nausea.

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## Section 5 - Firefighting Measures

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<b>Extinguishing Media:</b>	CO2, Foam, Dry chemical
<b>Unusual Fire or Explosion Hazards:</b>	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.
<b>Fire Fighting Procedures:</b>	Firefighters should wear self contained breathing gear and protective clothing.

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## Section 6 - Accidental Release Measures

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<b>Methods For Clean Up:</b>	Permit only properly protected workers with skin and eye protection and breathing gear. Absorb small spills with absorbent material, or let evaporate in well ventilated area. Pump large spills into salvage tanks.
<b>Methods for Containment:</b>	Landfill or incinerate in accordance with EPA and local regulations.

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## Section 7 - Handling and Storage

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<b>General Handling Practices:</b>	Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal. Avoid spontaneous combustion of contaminated rags or other ignitable material. Keep out of reach of children.
<b>Storage Requirements:</b>	Keep containers closed when not in use. Keep away from open flames and excessive heat.

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## Section 8 - Precautions to Control Exposure / Personal Protection

Component	Source	Type	Value	Remarks
Acetone	NIOSH	10H TWA	590 mg/m <sup>3</sup>	
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 Protective Equipment (PPE):

**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.

**HMIS Personal Protection:** G



## Section 9 - Physical and Chemical Properties

**Appearance:** Water thin, very low viscosity. Sharp chemical odor

**Color:** Clear

**Odor Threshold:** Not determined

**pH:** Not determined

**Melting Point:** Not available

**Freezing Point:** Not available

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**Boiling Range:** Not available

**Flash Point:** 30F

**Evaporation Rate:** Not available

**Flammability:** Highly flammable

**Upper Flammability Limit:** 7

**Lower Flammability Limit:** 1.1

**Vapor Pressure:** Not available

**Vapor Density:** Heavier than air

**Specific Gravity:** 0.684 @77F

**Solubility in Water:** Not Soluble

**Partition Coefficient:** Not available

**Autoignition Temperature:** Not available  
**Decomposition Temperature:** Not available  
**Viscosity:** Not available  
**Volatile Organic Compounds (VOC's):** 707 g/L

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## Section 10 - Stability and Reactivity

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**Chemical Stability:** 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 prolonged contact.

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

**Hazardous Polymerization:** Will Not Occur

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## Section 11 - Toxicological Information

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**Ingestion Toxicity:** Not determined

**Skin Absorption:** Not determined

**Inhalation:** Not determined

**Sensitization:** Not determined

**Acute Dose:** Not determined

**Repeated Dose:** Not determined

**Carcinogenicity:** Not determined

**Corrosivity:** Not determined

**Neurological:** Not determined

**Reproductive:** Not determined

**Genetic:** Not determined

**Developmental:** Not determined

**Eye Irritation:** Not determined

**Skin Irritation:** Not determined

**Target Organs:** Not determined

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## Section 12 - Ecological Information

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**EcoToxicity:** Not determined

**Persistence/Degradability:** Not determined

**Bioaccumulation:** Not determined

**Mobility / Partitioning:** Not determined

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## Section 13 - Disposal Considerations

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**Disposal Method:** Landfill or incinerate in accordance with EPA and local regulations.

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

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## Section 14 - Transport Information

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## DOT

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

**Hazard Class:** 3

**Identification Number:** UN1993

**Packing Group:** II

## IMDG (Maritime transport)

## IATA (Air transport)

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## Section 15 - Regulatory Information

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

Immediate (Acute) Health Hazard: Not available

Delayed (Chronic) Health Hazard: Not available

Fire Hazard: Not available

Reactive Hazard: Not available

Sudden Release of Pressure: Not available

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

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**Component:** Acetone

**CAS:** 67-64-1

**Amount:** <30%

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**Component:** Heptane

**CAS:** 142-82-5

**Amount:** >69%

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**Component:** N,N-Dimethyl-p-toluidine

**CAS:** 99-97-8

**Amount:** <1%

N,N-Dimethyl-p-toluidine is listed with the Illinois toxic substances disclosure to employee act.

N,N-Dimethyl-p-toluidine is listed with Massachusetts Right to Know.

N,N-Dimethyl-p-toluidine is listed with Pennsylvania Right to Know.

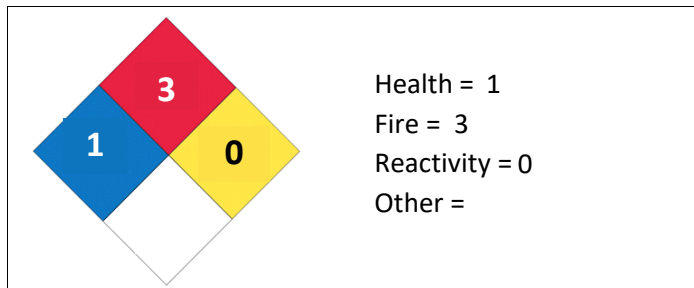
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### HMIS Rating (0 - 4)

<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

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### NFPA Ratings



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## Section 16 - Other Information

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### 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)
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

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## **DISCLAIMER**

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