

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): 2303-4,

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

Eye Contact:	Irritation on contact
Skin Contact:	Prolonged exposure may cause skin irritation.
Skin Absorption:	Irritation (Est. Dermal 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 #	ENIECS	REACH Reg. No.	Amount
Heptane	142-82-5			>69%
Acetone	67-64-1			<30%
N,N-Dimethyl-p-toluidine	99-97-8			<1%

Section 4 - First Aid Measures

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

Section 5 - Firefighting Measures

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

Section 6 - Accidental Release Measures

Methods For Clean Up:	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.
Methods for Containment:	Landfill or incinerate in accordance with EPA and local regulations.

Section 7 - Handling and Storage

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

Section 8 - Precautions to Control Exposure / Personal Protection

Component	Source	Type	Value	Remarks
Acetone	NIOSH	10H TWA	590 mg/m ³	
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

Section 10 - Stability and Reactivity

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

Section 11 - Toxicological Information

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

Section 12 - Ecological Information

EcoToxicity: Not determined

Persistence/Degradability: Not determined

Bioaccumulation: Not determined

Mobility / Partitioning: Not determined

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, toluidine)

Hazard Class: 3

Identification Number: UN1993

Packing Group: II

IMDG (Maritime transport)

IATA (Air transport)

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

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

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

Component: Acetone

CAS: 67-64-1

Amount: <30%

Component: Heptane

CAS: 142-82-5

Amount: >69%

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.

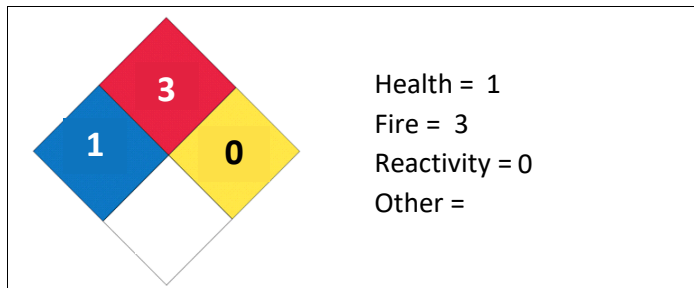
N,N-Dimethyl-p-toluidine is listed with Massachusetts Right to Know.

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

HMIS Rating (0 - 4)

HEALTH	1	Health = 1
FIRE	3	Fire = 3
PHYSICAL	1	Physical = 1
PERSONAL PROTECTION	G	Personal Protection = G

NFPA Ratings



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)
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

DISCLAIMER

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