Material Safety Data Sheet

According to ANSI Z400.1-2003

Date Printed: 04-26-2007

Section 1 - Product and Company Information

Product Name: Insta-Weld 1 (thin)

DISTRIBUTED BY:

The Easthill Group
dba/ The Eastwood Company
263 Shoemaker Road
Pottstown, PA 19464

USA & Canada: 800-345-1178
Outside USA: 610-323-2200

EMERGENCY CONTACT:
Chem-Trec 800-424-9300

Section 2 - Hazards Identification

Appearance: Clear liquid

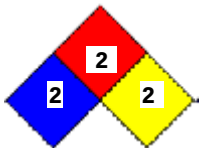
Odor: Strong, stinging

Hazards of Product:

HMIS Rating (Scale 0 - 4)

HEALTH	2	Health = 2
FIRE	2	Fire = 2
PHYSICAL	1	Physical = 1
PERSONAL PROTECTION	G	Personal Protection = G

NFPA Ratings



Health = 2
Fire = 2
Reactivity = 2


Safety Glasses


Gloves


Vapor Respirator

Potential Health Effects

Eye Contact: A large drop may cause a burn upon solidification.

Skin Absorption: Vapor is irritating to mucous membranes above TLV. Prolonged and repeated overexposure to vapors may produce allergic reactions with asthma-like symptoms in sensitive individuals.

Inhalation: May result in irritation of nose, throat, and respiratory tract.

Ingestion: Almost impossible to swallow cyanoacrylate adhesive. Solidifies and adheres in the mouth. Saliva will lift the adhesive in 0.5 to 2 days.

Section 3 - Composition / Information on Ingredients

Component	CAS #	Amount
Ethyl Cyanoacrylate	7085-85-0	95-100%
Hydroquinone	123-31-9	0.1-0.5%

Section 4 - First-Aid Measures

Medical Conditions Aggravated by Exposure: Treated normally after lump is released from the tissue. Surgery should not be necessary.

Section 5 - Fire Fighting Measures

Extinguishing Media: Foam, alcohol foam, CO2, dry chemical

Fire Fighting Procedures: Wear self-contained breathing apparatus to avoid inhalation of vapors

Unusual Fire and Explosion Hazards: Possible exothermic reaction leading to substrate ignition and fume generation

Section 6 - Accidental Release Measures

Steps to be Taken if Material is Released or Spilled: Flood with water to polymerize. Scrape up cured product.

Personal Precautions:

Environmental Precautions:

Section 7 - Handling and Storage

General Handling: None

Other Precautions:

Storage: Store below 75 F to maximize shelf life. Avoid contact with skinand eyes. Avoid breathing vapor.

Section 8 - Exposure Controls / Personal Protection

Component	Source	Type	Value	Remarks
Hydroquinone	ACGIH	TLV	2 mg/m3	TWA
Hydroquinone	OSHA	PEL	2 mg/m3	TWA

Personal Protection

Eye/Face Protection: Safety glasses with eye shields.

Skin Protection: Polyethylene glove and apron. Do not use cotton or wool gloves.

Respiratory Protection: Not normally required. If ventilation cannot be provided, wear NIOSH approved respirator.

Hygenic Measures: Wash hands before eating, smoking, or using the wash room.

Other Protection Measures: None

Engineering Controls: Positive down-draft exhaust ventilation should be provided to maintain vapor concentration below TLV.

Section 9 - Physical and Chemical Properties

Appearance:	Clear liquid
Flash Point:	185F
Boiling Point:	300
Vapor Density:	Heavier than air
Specific Gravity:	1.06
Solubility in Water:	N/A

Section 10 - Stability and Reactivity

Stability/Instability: Stable

Conditions To Avoid: Amines, base materials

Incompatible Materials: Polymerized by contact with water, alcohol, amines, alkalis.

Hazardous Polymerization: May Occur

Hazardous Decomposition Products: None

Section 11 - Toxicological Information

Acute Toxicity

Ingestion
0.1-0.5%

Skin Absorption
0.1-0.5%

Inhalation
0.1-0.5%

Section 12 - Ecological Information

CHEMICAL FATE

Section 13 - Disposal Considerations

Disposal Method:
This product, if disposed as shipped, is not a hazardous waste as specified in 40 CFR 261. Dispose of in an approved landfill in accordance with federal, state and local regulations.

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

Section 14 - Transport Information

DOT

Section 15 - Regulatory Information

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

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

Component	CAS #	Amount	SARA 313 Listed	Know to California to cause cancer	Pennsylvania Hazardous Substance List	Massachusetts Hazardous Listed	Rhode Island Listed	CERCLA	EPA Cancerogenity	IARC Cancerogenity	NTP Cancerogenity	TLV Canerogenity	NIOSH Cancerogenity	OSHA Cancerogenity

Section 16 - Other Information

Legend

ACGIH	American Conference of Governmental Hygenists
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.

Material Safety Data Sheet

According to ANSI Z400.1-2003

Date Printed: 04-26-2007

Section 1 - Product and Company Information

Product Name: Insta-Weld Weld Compound

DISTRIBUTED BY:

The Easthill Group
dba/ The Eastwood Company
263 Shoemaker Road
Pottstown, PA 19464

USA & Canada: 800-345-1178
Outside USA: 610-323-2200

EMERGENCY CONTACT:
Chem-Trec 800-424-9300

Section 2 - Hazards Identification

Appearance: Brown powder

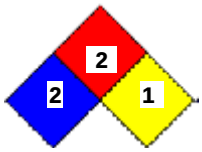
Odor:

Hazards of Product:

HMIS Rating (Scale 0 - 4)

HEALTH	2	Health = 2
FIRE	2	Fire = 2
PHYSICAL	1	Physical = 1
PERSONAL PROTECTION	F	Personal Protection = F

NFPA Ratings



Health = 2
Fire = 2
Reactivity = 1


Safety Glasses


Gloves


Protective Apron


Dust Respirator

Potential Health Effects

Eye Contact:	Tearing, redness
Skin Absorption:	None
Inhalation:	Gastrointestinal distress
Ingestion:	Gastrointestinal distress.

Section 3 - Composition / Information on Ingredients

Component	CAS #	Amount
No Hazardous Ingredients Present		NA

Section 4 - First-Aid Measures

Medical Conditions Aggravated by Exposure: None

Section 5 - Fire Fighting Measures

Extinguishing Media: Foam, alcohol foam, CO2, Dry chemical, water fog

Fire Fighting Procedures: None

Unusual Fire and Explosion Hazards: None

Section 6 - Accidental Release Measures

Steps to be Taken if Material is Released or Spilled: Sweep up.

Personal Precautions:

Environmental Precautions:

Section 7 - Handling and Storage

General Handling: None

Other Precautions:

Storage: Avoid generation of dust.

Section 8 - Exposure Controls / Personal Protection

Component	Source	Type	Value	Remarks

Personal Protection

Eye / Face Protection: Goggles or safety glasses.

Skin Protection: May be worn.

Respiratory Protection: Dust mask

Hygenic Measures: No special precautions.

Other Protection Measures: No

Engineering Controls: No special requirements.

Section 9 - Physical and Chemical Properties

Appearance:	Brownish gray powder
Boiling Point:	N/A
Vapor Density:	N/A
Specific Gravity:	41.8
Solubility in Water:	Slight

Section 10 - Stability and Reactivity

Stability / Instability: Stable

Conditions To Avoid: Open flames, excess generation of dust.

Incompatible Materials: Strong acids and bases, oxidizing meterials

Hazardous Polymerization: Will Not Occur

Hazardous Decomposition Products: Carbon monoxide, carbon dioxide

Section 11 - Toxicological Information

Acute Toxicity

Ingestion

NA

Skin Absorption

NA

Inhalation

NA

Section 12 - Ecological Information

CHEMICAL FATE

Section 13 - Disposal Considerations

Disposal Method:

Dump in approved landfill

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

Section 14 - Transport Information

DOT

Section 15 - Regulatory Information

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

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

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Section 16 - Other Information

Legend

ACGIH	American Conference of Governmental Hygenists
CFR	Code of Federal Regulations
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HMIS	Hazardous Materials Identification System
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MAK	Maximum Allowable Concentration (German)
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Material Safety Data Sheet

According to ANSI Z400.1-2003

Date Printed: 04-26-2007

Section 1 - Product and Company Information

Product Name: Insta-Weld Activator

COMPANY IDENTIFICATION:

Urethane Supply Company
1128 Kirk Rd.
Rainsville, AL 35986

EMERGENCY TELEPHONE NUMBER

24 Hour Emergency Contact 800-424-9300
Customer Information Number 800-424-9300

Section 2 - Hazards Identification

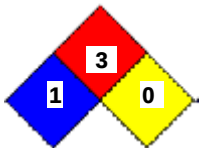
Appearance: Clear Liquid
Odor: Acetone

Hazards of Product:

HMIS Rating (Scale 0 - 4)

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

NFPA Ratings



Health = 1
Fire = 3
Reactivity = 0


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 respiritory tract.
Ingestion: If significant quantity ingested, may dull senses (Oral LD50 > 5000)

Section 3 - Composition / Information on Ingredients

Component	CAS #	Amount
Heptane	142-82-5	>69%
Acetone	67-64-1	<30%
N,N-Dialkyltoluione	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.

Hygenic 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

Appearance:	Water thin, very low viscosity. Sharp chemical odor
Flash Point:	30F
Upper Flammable Limit:	7
Lower Flammable Limit:	1.1
Boiling Point:	208
Vapor Density:	Heavier than air
Specific Gravity:	0.684 @77F
Solubility in Water:	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

CHEMICAL FATE

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, toluid

Hazard Class: 3

ID Number: UN1993

Packing Group: II

Section 15 - Regulatory Information

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

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