



MATERIAL SAFETY DATA SHEET

PRODUCT NAME: PRIMER

SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: PRIMER

Manufacturer: Weld-All International, LLC, 5689 NW 35th Court, Miami, FL 33142, USA
Tell: 305-638-8810 Fax: 305-633-3840

Supplier:

Emergency: Chemtrec: 800-424-9300 (USA) Outside USA: 703-527-3887

Date Prepared/Revised: January 1, 2013

SECTION 2 - HAZARD CLASSIFICATION

GHS Classification:

Flammable Liquid	Category 2
Skin Irritation	Category 3
Acute Toxicity	Category 4
Eye Irritation	Category 2A
Inhalation	Category 4

GHS LABEL



Signal Word: Danger

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

	Cas No.	Percent
Tetrahydrofuran	109-99-9	0-20
Methyl Ethyl Ketone	78-93-3	60-95
Cyclohexanone	108-94-1	0-20
Acetone	67-64-1	0-10

SECTION 4 - FIRST AID MEASURES

Eyes: If material comes into contact with or gets into eyes immediately flush eyes with plenty of water. Get medical attention if irritation persists.

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

Inhalation: Vacate to fresh or well ventilated area. Seek medical attention if breathing becomes difficult. If breathing has stopped administer artificial respiration and get medical advice.

Ingestion: Do not induce vomiting. Rinse mouth with water, give 1-2 glasses of water or milk. Seek medical advice immediately.



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SECTION 5 – FIRE FIGHTING MEASURES

General Fire Hazard: Highly Flammable liquid and vapor. Keep away from source of spark and ignition.
Extinguishing Media: Dry Chemical, Carbon Dioxide Gas, Foam Extinguisher.
Fire Fighter's Protection: Self breathing apparatus and full protective clothing..

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Environmental Precautions: Prevent product from entering into drain, sewer or open water course.
Personal Precautions: Avoid contact with skin or eyes. Wear appropriate protective clothing, shoes and respiratory equipment. Provide sufficient ventilation.
Method for cleaning: Soak up spill with an inert absorbent. Put absorbent material in covered, labeled metal container.
Emergency Measures: Isolate area. Provide ventilation. Keep unnecessary personnel away.

SECTION 7 – HANDLING AND STORAGE

Handling: Keep away from source of ignition. Avoid contact with eyes, skin and clothing. Avoid breathing vapor. Do not eat, drink or smoke with handling material. Keep containers closed when not in use. Mark containers appropriately.
Storage: Store in dry, cool well ventilated area. Store under 100 degree Fahrenheit. Keep away from source of ignition and incompatible materials.

SECTION 8 – EXPOSURE CONTROL / PERSONAL PROTECTION

Exposure Limits:

	ACGIH TWA	ACGIH STEL	OSHA PEL	NOISH TWL
Tetrahydrofuran	50 ppm	100 ppm	200 ppm	200 ppm
Methyl Ethyl Ketone	200 ppm	300 ppm	200 ppm	200 ppm
Cyclohexanone	20 ppm	50 mmp	50 ppm	25 ppm
Acetone	500 ppm	750 ppm	1000 ppm	250 ppm

Engineering Measures: Provide sufficient ventilation, open doors and windows. Provide local exhaust as needed.

Personal Protective Equipment:

Eyes: Avoid contact with eyes. Wear splash proof goggles.
Skin: Prevent contact with skin. Wear rubber gloves for normal use. Wear chemical resistance glove for extended exposure.
Respiratory: Avoid inhalation of solvent and vapor. Provide adequate ventilation. Open doors and windows to allow air flow and cross ventilation. Provide local exhaust to keep exposure below allowable limits.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Color: Clear.
Appearance: Liquid.
Boiling Point: Range 120 Degree F to 150 Degree F (49 degree C to 65 Degree C).
Solubility: Negligible – solvent soluble in water.
Flammability: Category 2.
Melting Point: NA



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SECTION 10 – STABILITY AND REACTIVITY

Stability: Stable material
Hazardous Reaction: none in normal use. Combustion will give off toxic and irritating vapors ,oxides of carbon, hydrogen chloride
Condition to avoid: Keep away from source of ignition, spark, flame, heat.
Incompatible materials: Oxidizing agents, amines, ammonia, alkalis

SECTION 11 – TOXICOLOGICAL INFORMATION

Potential Health Effects:

Eye: Vapor may cause irritation,. Over exposure may cause eye injury
Skin: Contact with liquid may cause irritation, itching and pain.
Inhalation: Vapors may cause respiratory irritation, headache, dizziness and.
Ingestion: May cause nausea and vomiting.

Long Term Effects: None known to human

Toxicity:

Tetrahydrofuran:	Inhalation 53.9 mg/L 4 hrs (rat)	Oral 1560 mg/kg (rat)
Methyl Ethyl Ketone	Inhalation 32 g/m3 4 hrs (rat)	Oral 2737 mg/kg (rat)
Cyclohexanone	Inhalation 10.77 mg/L 4 hrs (rat)	Oral 800 mg/kg (rat)
Acetone	Inhalation 50,100 mg/m3 (rat)	Oral 5800 mg/kg (rat)

Reproductive Effects: Not established
Specific Target Organ General Toxicity – single exposure: May cause respiratory irritation
Specific Target Organ General Toxicity – Repeated exposure: Not reported to have any effects

SECTION 12 – ECOLOGICAL INFORMATION

Ecotoxicity: None known.
Degradability: No information available
Mobility: No information available
Bioaccumulation: No information available

SECTION 13 – DISPOSAL

Waste: Follow local, National and other applicable regulations
Contaminated containers: Follow local, National and other applicable regulations

SECTION 14 – TRANSPORTATION

DOT INFORMATION:

For packaging less than 1 liter::
Shipping Name: ORM-D Consumer Commodity

For packaging more than 1 liter:
Proper Shipping Name: Flammable Liquid, nos
UN 1993
Class 3
Packing Group II
Secondary Risk None
Required Label Flammable Liquid

SECTION 15 – REGULATORY INFORMATION



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Risk Phrases: Highly flammable.
Harmful by inhalation.
Irritating to eyes.
Vapors may cause nausea and dizziness.
If swallowed take 1-2 glass of water or milk, seek medical advice immediately.
In case contact with skin rinse thoroughly or wash with soap and water.

Safety Phrases: Keep container closed when not in use.
Keep container in cool and dry area.
Keep container in well ventilated area.
Keep away from source of ignition, flame, sparks.
Avoid contact with eyes.

SECTION 16 – OTHER INFORMATION

OSHA = Occupational Safety and Health Administration
EPA = Environmental Protection Agency
TSCA = Toxic Substance Control Act
ACGIH = American Conference of Governmental Industrial Hygienists
NIOSH = National Institute for Occupational Safety and Health
NTP = National Toxicology Program