

SAFETY DATA SHEET

SECTION I: PRODUCT AND COMPANY INFORMATION

Product Name: **TRIPLE PLAY**

COMPONENT	CAS NO.	COMPONENT	CAS NO.
Zinc (Zn)	7440-66-6	Copper (Cu)	7440-50-8
Aluminum (Al)	7429-90-5	Magnesium (Mg)	7439-95-4

Company Identification: Welding Material Sales, 1340 Reed Road, Geneva, IL 60134

Contact: Telephone: 888-905-6737

SECTION II: HAZARD INFORMATION/ Emergency Phone Number: 800-424-9300

While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.

GHS Label Elements:

Signal word : No signal word.

Hazard statements : No known significant effects or critical hazards.

Precautionary statements: Not Applicable

PRIMARY ROUTES OF ENTRY

- Inhalation: fumes
- Ingestion: Solid metals – not edible; highly unlikely
- Skin Absorption: N/A

SIGNS AND SYMPTOMS OF OVEREXPOSURE

- Flu-like symptoms (nausea, constipation, headache, dizziness) - self-limiting, usually disappear within 24 hours

SECTION III: COMPOSITION / INGREDIENTS

*(Hazardous components 1% or greater; Carcinogens 0.1% or greater)

Component	CAS Number	OSHA PEL	ACGIH TLV	Other	% (optional)
Zinc (Zn)	7440-66-6	5mg/m ³ (oxide & fume)	5mg/m ³ (oxide & fume)	STEL of 10.0 mg/m ³	-----
Aluminum (Al)	7429-90-5	10 mg/m ³	-----	-----	-----
Copper (Cu)	7440-50-8	2 mg/m ³	-----	-----	-----
Magnesium (Mg)	7439-95-4	negligible> see %	-----	-----	-----

PEL = Permissible Exposure Limit; TLV = Threshold Limit Value; NA = Not Applicable; NE = Not Established

SECTION IV: FIRST AID MEASURES

Ingestion: Drink large quantities of water - induce vomiting.
 Call a physician at once; advise of chemical composition (section III).

Skin: Wash thoroughly with water to remove any residue. If a rash develops, call a physician.

Inhalation: Terminate exposure and remove to fresh air. Call physician; advise of chemical composition (section III).

Eyes: Flush with water for at least 15 minutes to remove irritant. Remove contact lenses, if present and easy to do. Continue rinsing. Consult a physician.

SECTION V: FIRE FIGHTING MEASURES

Flash point & Methods Used: N/A Auto Ignition Temperature: N/A
 Flammability Limits: (in air, % by volume) LEL: N/A and UEL: N/A

Extinguisher Media: **CO₂ or dry chemical extinguisher.**

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SECTION XI: TOXICOLOGY INFORMATION

- Zinc (Zn): Excessive inhalation of zinc oxide fumes may produce symptoms known as "zinc shakes" which are flu-like and usually cease when the individual is removed from the source.
- Copper (Cu): Excessive inhalation of fumes from many metals can produce an acute reaction known as "metal fume fever". Symptoms consist of chills and fever which come on a few hours after a large exposure. Long-term effects of metal fume fever have not been noted.
PHYSIOLOGICAL EFFECTS: Industrial exposure to copper fumes, dusts, or mists results in metal fume fever with atrophic changes in nasal mucous membranes. Chronic poisoning results in Wilson's disease, characterized by a hepatic cirrhosis, brain damage, demyelination, renal disease, and copper deposition in the cornea.
- Aluminum (Al): Inhalation of finely divided powder has been reported as a cause of pulmonary fibrosis. May be implicated in Alzheimer's disease.

*NOTE: IT IS UNLIKELY THAT NORMAL EXPOSURE (USING APPROPRIATE PROTECTIVE EQUIPMENT) TO THIS SOLDER WOULD RESULT IN ILLNESS.

*0 = Insignificant 1 = Slight 2 = Moderate 3 = High 4 = Extreme

	Health	Flammability	Reactivity	Special
NFPA Rating	1	0	0	0
HMIS Rating	1	0	0	0

SECTION XII: ECOLOGY INFORMATION

This product will not biodegrade. It will oxidize if left out in the elements, but will not affect the surrounding ecology.

SECTION XIII: DISPOSAL CONSIDERATION

Waste Disposal Method

- Dispose of according to federal, state, local, and OSHA regulations.

SECTION XIV: TRANSPORT INFORMATION

Ground - DOT Proper Shipping Name: Solder
Not regulated for transport by US DOT.

Air - IATA Proper Shipping Name: Solder
Not regulated for air transport by IATA.

SECTION XV: REGULATORY INFORMATION

SARA Title III Program:

- This product contains no toxic chemicals subject to the reporting requirements of the Emergency Planning and Community Right to Know Act (EPCRA) of 1986 and 40 CFR 372

SECTION XVI: OTHER INFORMATION

This information must be included in all SDS that are copied and distributed for this material.

**GOOD HOUSEKEEPING PROCEDURES SHOULD BE MAINTAINED.
PERSONNEL SHOULD WASH THOROUGHLY BEFORE SMOKING OR EATING
FOOD AND DRINK SHOULD NOT BE CONSUMED, TOBACCO PRODUCTS USED, OR COSMETICS
APPLIED IN AREAS WHERE EXPOSURES EXIST.**

Please retain this sheet for your files. Inweld maintains a file of Safety Data Sheets (SDS) for each alloy produced in compliance with Federal OSHA Hazard Communication Standard (29 CFR 1910.1200) & various right-to-know laws.