

**MATERIAL SAFETY DATA SHEET
HUNZA TECNOLOGIA S.A. DE C.V.**

ARTICLE I: MATERIAL DESCRIPTION

Common Name:	Magnesium	Chemical Name:	Mg
Product Use:	Cathodic protection		
NFPA Rating:	0-1-2-W		

ARTICLE II: PHYSICAL DATA

Bolling Point: (780 MM HG):	2030°F	Appearance:	Silver, solid
Physical Form:	Solid	Odor:	None
Specific Gravity:	1.75	Meeting Point:	1176-1200°F
Vapor Density:	NA	Density:	1.65-1.74 g/cm3
VAP, Press:	NA		
Solubility in Water:	NA		

ARTICLE III: FIRE AND EXPLOSION HAZARD DATA

Flash Point:	NA
Auto-Ignition Temp:	1202°F (648°C)
Flammable Limits in Air:	Upper and Lower: NA

Extinguishing Media: Smother burning magnesium by covering with a metal extinguishing powder approved for use on magnesium fires such as G1, MET-L-X, etc.

Fire and Explosion Hazards: When heated in air to a temperature near its melting point, magnesium alloys ignite and burn with a white flame. Use of water on molten magnesium will produce hydrogen gas and may cause an explosion.

Fire-Fighting Equipment: Wear positive pressure self-contained breathing apparatus. Smother fires with dry graphite or other suitable dry powders. Do not use foam, halogenated extinguishing agents, or carbon dioxide. Protect eyes and skin against flying particles.

ARTICLE IV: ENVIRONMENTAL AND DISPOSAL INFORMATION

Action to take for spills and leaks: Clean off and reuse. RCRA Hazardous waste No. Not federally regulated.

ARTICLE V: REACTIVITY DATA

Stability: (Conditions to avoid)	Stable under normal handling conditions. See incompatibility statement.
Incompatibility: (Specific Materials to avoid) Acid water.	.Reacts with acid to form hydrogen gas. In finely divided form, will react with water or acids to release hydrogen.
Hazardous decomposition products:	None under normal use or storage. See incompatibility statement and fire and explosion hazard data, section 3, for special situations.
Hazardous polymerization:	Will not occur.

Very finely divided magnesium will react with water and acids to form hydrogen. Very finely divided magnesium powder can be ignited at air temperatures below 800°F (482°C).

ARTICLE VI: HEALTH HAZARD DATA

Eye:	Mechanical injury only
Skin absorption:	Skin absorption is unlikely due to physical properties.
Skin contact:	Mechanical injury only. Molten material may burn skin.
Ingestion:	Ingestion is unlikely due to physical state. If dusts are produced, amounts ingested incidental to industrial handling are not likely to cause injury; however, ingestion of larger amounts could cause serious injury, even death, because the acute oral toxicity of magnesium is considered moderate.
Inhalation:	Dust may cause irritation to upper respiratory tract.
Systemic & Other Effects:	Based on available data, repeated exposures are not anticipated to cause any significant adverse effects.

ARTICLE VII: FIRST AID

Respiratory Protection cont: Respirator (dust/fume respirator, etc.) based on actual or potential airborne contaminants and their concentrations present.

ARTICLE X: REGULATORY INFORMATION

(Not meant to be all-inclusive-selected regulations represented.)

Notice:

The information herein is presented in good faith and believed to be accurate as of the effective date shown above. However, no warranty, expressed or implied is given. Regulatory requirements are subject to change and may differ from one location to another : it is the buyer's responsibility to ensure that its actives comply with information is made for the purpose of complying with numerous federal, state or provincial, and local laws and regulations.