

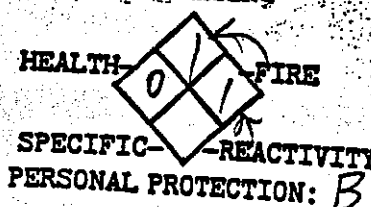


000140 #37
DOW CHEMICAL U.S.A.

October 21, 1985

HAZARD RATING

WILLARD H. DOW CENTER
MIDLAND, MICHIGAN 48874



JOHNSON LEVEL & TOOL MFG CO INC

0368258

6333 W DONGES BAY RD
MEQUON WI 53092

Gentlemen:

Enclosed are Material Safety Data Sheets (MSDS) which provide information on products which you have purchased from us in the recent past. Since you may redirect the products to more than one place within your location, please make sure this information is available to all persons handling and/or using the product.

The distribution of these sheets is part of a continuing program of providing information and updating our customers. The regulations promulgated by OSHA for Hazard Communication, 29 CFR 1910.1200, as well as several state and local laws and regulations, have been considered in preparing these Material Safety Data Sheets.

Thank you for your help.

A.T. Talcott

A.T. Talcott
Manager, Product Safety Compliance
Quality Assurance Department

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Enclosures

M A T E R I A L S A F E T Y D A T A S H E E T

Dow Chemical U.S.A. Midland, MI 48674 Emergency Phone: 517-636-4400

MSD: 001209 Page: 1

PRODUCT NAME: MAGNESIUM EXT GENERAL AZ COMMERCIAL

Effective Date: 06/19/80 Date Printed: 10/16/85 Product Code: 51493

1. INGREDIENTS:

Aluminum	2.8%
Zinc	0.9%
Manganese	0.15%
Magnesium	BAL.

2. PHYSICAL DATA:

BOILING POINT: ----
VAP PRESS: Not applicable
VAP DENSITY: Not applicable
SOL. IN WATER: Not applicable
SP. GRAVITY: Approximately 1.77
MELTING POINT: Approximately 1050F, 566C
APPEARANCE: Silver solid.
ODOR: No odor.

3. FIRE AND EXPLOSION HAZARD DATA:

FLASH POINT: None
METHOD USED:

FLAMMABLE LIMITS
LFL: Not applic.
UFL: Not applic.

EXTINGUISHING MEDIA: Melting flux, dry sand, metal extinguishing powders such as GI, Met-L-X, etc.

FIRE & 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.

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(R) Indicates a trademark of The Dow Chemical Company

M A T E R I A L S A F E T Y D A T A S H E E T

Dow Chemical U.S.A. Midland, MI 48674 Emergency Phone: 517-636-4400

MSD: 001209 Page: 2

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3. FIRE AND EXPLOSION HAZARD DATA: (CONTINUED)

FIRE-FIGHTING EQUIPMENT: Not available.

4. REACTIVITY DATA:

STABILITY: (CONDITIONS TO AVOID)

INCOMPATIBILITY: (SPECIFIC MATERIALS TO AVOID) Acid, water.
Reacts with acid to form hydrogen gas. In finely divided form,
will react with water and acids to release hydrogen.

HAZARDOUS DECOMPOSITION PRODUCTS:

HAZARDOUS POLYMERIZATION: Will not occur.

5. ENVIRONMENTAL AND DISPOSAL INFORMATION:

ACTION TO TAKE FOR SPILLS/LEAKS: Clean off and use.

DISPOSAL METHOD:

6. HEALTH HAZARD DATA:

EYE: No problem - mechanical injury as from any foreign body.

SKIN CONTACT: No problem - mechanical injury as from any foreign
body.

SKIN ABSORPTION: No problem - not absorbed through the skin in
toxic amounts.

INGESTION: No problem because of physical form. Moderately
toxic if ingested. LD50 for dogs 230-280 mg/kg (magnesium).

INHALATION: No guide for control known. If dust is generated,
it may be a nuisance.

SYSTEMIC & OTHER EFFECTS: Not applicable.

M A T E R I A L S A F E T Y D A T A S H E E T

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MSD: 001209 Page: 4

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For Further Information.

MATERIAL SAFETY DATA SHEET

Dow Chemical U.S.A. Midland, MI 48674 Emergency Phone: 517-636-4400

MSD: 001209 Page: 3

PRODUCT NAME: MAGNESIUM EXT GENERAL AZ COMMERCIAL

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7. FIRST AID:

EYES: Mechanical injury only. Irrigation of the eye immediately with water for five minutes is good safety practice.

SKIN: No special first aid needed.

INGESTION: No special first aid needed.

INHALATION: No special first aid needed.

NOTE TO PHYSICIAN:

Eyes: Stain for evidence of corneal injury.

8. HANDLING PRECAUTIONS:

VENTILATION:

RESPIRATORY PROTECTION: None needed.

SKIN PROTECTION: Fire-resistant clothing and gloves desirable around melting or heat treat operations. Use gloves for handling metal.

EYE PROTECTION: Not normally necessary.

9. ADDITIONAL INFORMATION:

SPECIAL PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

Practice reasonable care in handling magnesium and magnesium alloy product forms to avoid product damage and/or personal injury. Store product in dry location. Wet, moist or high humidity storage conditions will lead to corrosion of the product. Store away from other combustibles. See National Fire Protection Association bulletin NFPA 48, "Storage, Handling and Processing of Magnesium" for detailed storage information.

MSDS STATUS: Revised 2.

(Continued on Page 4)

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