

MAGNESIUM POWDER

MSDS Number

BBCTV

National Stock Number

6810-00D000490

Product Name

MAGNESIUM POWDER

Manufacturer

HART METALS INC

Product Identification

Product ID:MAGNESIUM POWDER

MSDS Date:01/01/1987

FSC:6810

NIIN:00D000490

MSDS Number: BBCTV

Responsible Party

HART METALS,INC.

ROUTE 209 N

TAMAQUA , PA 18252-9764

US

Cage: DO997

Contractor

HART METALS,INC.

428

TAMAQUA, PA 18252-9764

US

717-668-0001

Cage: DO997

Ingredients

MAGNESIUM

CAS: 7439-95-4

RTECS: OM2100000

Fraction By Weight: >98%

UNIDENTIFIED COMPONENTS

Fraction By Weight:

ACGIH TLV: NOT SPECIFIED

Hazards

Effects of Overexposure:EYES/SKIN:IRRITATION;INHAL:METAL FUME
FEVER,CHILLS,NAUSEA,VOMITING/MUSCULAR PAIN;INGEST:NO PROBLEM

First Aid

First Aid:INHALE:REMOVE TO FRESH AIR, GIVE CPR/O*2 IF
NEED;EYES/SKIN:FLUSH W LG AMTS H*2O FOR 15 MIN;INGEST:RINSE MOUTH;
GET MEDICAL ATTENTION FOR EYES, BREATHING DIFFICULTY, OR OTHER

SYMPTOMS OF OVEREXPOSURE.

Fire Fighting

Extinguishing Media: DRY SAND, TALC, DRY GRAPHITE MELTING FLUX OR GL OR METAL-X PWD

Fire Fighting Procedures: APPLY DRY AGENTS CAREFULLY-AVOID DUSTING OF POWDER(SEE SUPPL

Unusual Fire/Explosion Hazard: DO NOT USE WATER ON MAGNESIUM FIRES. WATER PRODUCES HYDROGEN GAS & MAY CAUSE AN EXPLOSION.

Accidental Release

Spill Release Procedures: AVOID DUSTING. USE NON SPARKING TOOLS. CLEAN DRY PRODUCT MAY BE PLACED IN CLEAN DRUMS & SEALED. WET OR CONTAMINATED MATERIAL SHOULD BE PLACED IN VENTED CONTAINERS & MOVE TO REMOTE AREA FOR DISPOSAL BY BURIAL OR BURNING.

Handling

Handling and Storage Precautions: KEEP DRY, GROUND ALL HANDLING & TRANSFERRING OPERATIONS. AVOID DUSTING OF POWDER. STORE IN D.O.T. APPROVED CONTAINERS.

Other Precautions: KEEP CONTAINER SEALED & DRY. NO SMOKING OR OPEN FLAME. AVOID BREATHING DUST IF GENERATED. CONSTANT CLEAN UP & GOOD HOUSE KEEPING. STORE IN A COOL AREA. DANGEROUS WHEN WET.

Exposure Controls

Respiratory Protection: USE STANDARD DUST MASK IF DUST IS PRESENT

Ventilation: LOCAL EXHAUST IS RECOMMENDED.

Protective Gloves: RUBBER

Eye Protection: SAFETY GLASSES

Other Protective Equipment: CLEAN, NON-STATIC, TIGHTLY WOVEN SMOOTH FABRICS BE WORN, S. SHOE

Supplemental Safety and Health

MSDS DATED: 1985-08-27; ITEM IS TYPE III OF SPEC: MIL-M-382; SPECIAL FIRE FIGHTING; EVEN SMALL DUST CLOUDS MAY EXPLODE.

Chemical Properties

HCC: R1

Boiling Pt: B.P. Text: 2030F/1110C

Spec Gravity: 1.74

Solubility in Water: NEGLIGIBLE

Appearance and Odor: SILVER GRAY METALLIC POWDER OR GRANULAR, NO ODOR.

Stability

Stability Indicator/Materials to Avoid: YES

WATER & ACID-REACTS WITH WATER OR ACID TO FORM HYDROGEN.

Hazardous Decomposition Products: KEEP POWDER AWAY FROM OPEN FLAME, GROUND ALL HANDLING EQUIP.

Disposal

Waste Disposal Methods: DISPOSAL OF ACCORDANCE TO LOCAL, STATE & FEDERAL REGULATIONS.

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