

MAGNESIUM POWDERS

CAS 7439-95-4

UN 1418 cl. 4.3 WS II

GENERAL SAFETY INSTRUCTIONS



- Avoid the proximity of any hot or likely point presenting a fire hazard which can extend to magnesium. **DO NOT SMOKE** .



- Fire-fighting measures : D class fire-extinguisher for metal fire, cement, dry sand or salt. **DO NOT USE WATER.**



HIGHLY INFLAMMABLE

HANDLING / STORAGE

- Avoid violent shocks.
- Avoid drums falls - explosion or fire risk.
- Do not store in a place with Sprinkler.
- Do not store near other hazardous materials which could react with magnesium or could be the origin of a fire which can extend to magnesium.
- Always handle the drums carefully and properly closed .
- Store the drums closed, shielded from humidity, in their original packing.

PROCESSING

- Avoid any accidental fall of fire sources into the drum and their contact with magnesium. Fire sources : sparkle, cigarets, warming elements, electric welding equipments
- Avoid dust fines production when emptying or handling the drums. If too much dust is accumulated, carefully sweep with a non synthetic sweeper. Never use a vacuum-cleaner.
- Avoid any contact, even by accident, between magnesium and water, acids or solvents.
- Do not let the drums unnecessarily opened.
- Do not use tools likely to produce sparkles. For manual emptying, aluminium tools are recommended.
- Do not cause mecanical shocks with the powder.
- Do not expose to temperatures over 350°C

*This non exhaustive list does not cover all hazards which could occur. It is only for information purpose and could never engage the responsibility of MINMET FINANCING COMPANY.
For additional information : NFPA 480 (US norm) "Storage, handling and processing of Mg solids and powders, Ed. 1993*