

Prolonged overexposure to manganese dust or fume can cause metal fever. Chronic exposure can cause manganese poisoning.

Over exposure to dust containing the component element of cast steel abrasives may cause skin, nose, mouth and eye irritation.

Emergency and first aid procedures:

Eye contact: Flush with amounts of water for 15 minutes to remove particulate, seek medical attention if irritation persists.
Skin contact: Wash thoroughly with soap and water.
Inhalation: Remove to fresh air. Seek medical attention if problem persists.
Ingestion: Do not induce vomiting, seek medical attention.

Section 6

Reactivity data

Chemical stability: Stable when used, stored and transported under normal conditions.
Incompatibility: Contact with acid released hydrogen.
Hazardous decomposition: Will not occur.
Hazardous polymerization: Will not occur.

Section 7

Control measures

Respiratory protection: Single use respirator when inhaling fines.
Ventilation: Local exhaust
Protective gloves: As required
Eye protection: Safety goggles
Other equipment: None required
Work / Hygiene practices: Observe standard industrial hygiene practices.

Section 8

Spill, leak and disposal procedures

Cast steel grit spilled or leaked onto the floors can cause hazardous walking conditions. Spills or leaks should be vacuumed or swept from working areas. When cleaning up large quantities of dust, a NIOSH approved respirator should be worn. Spilled grit can be reclaimed for reuse or disposed of as a non-hazardous solid waste. Collected dust from blast cleaning or shot peening operations always contain contaminants from the surface of parts being processed, and therefore dust may be classified as hazardous waste and, as such, must be disposed of according to local regulations.

Section 9

Special precautions

Handling or storing precautions: Store material away from incompatible materials, and keep dust away from sources of ignition. Keep dry to reduce rusting. Observe maximum floor loading limitations.

Recommendation to the user: For the high pressure machines an appropriate protection screen must be permanently installed at the entrance of the tank to avoid blockage of the machine by the material.

Keep product dry and free of all contamination to ensure free flow.
See the RQMT (art.19 and 20) for the use of protective equipment