

suspected carcinogen IARC or OSHA.

VI REACTIVITY DATA

Stability: Stable

Conditions to Avoid: N/A

Incompatibility (Material to avoid): Boron carbide is oxidized by hot oxidizing acids (HNO₃, H₂SO₄, HClO₄). Chlorine attacks B₄C at 600 °C, and bromine attacks it at 800 °C.

Hazardous Decomposition Products: Boron Oxide

Hazardous Polymerization: Will not occur

VII SPILL OR LEAK PROCEDURES

Steps to Be Taken in Case Material Is Released or Spilled: Remove all sources of ignition. Ventilate area of spill. Clean up using methods which avoid dust generation such as vacuuming (with appropriate filter to prevent airborne dust levels which exceed the PEL or TLV). If airborne dust is generated, use an NIOSH approved respirator.

Waste Disposal Method: Disposal must be made in accordance with Federal, State and Local regulations. May be sold as scrap for reclaim or returned to the producer.

VIII SPECIAL PROTECTION INFORMATION

Respiratory Protection (Specify Type): Use an appropriate NIOSH approved respirator if airborne dust concentration exceeds the appropriate PEL or TLV.

Ventilation: Use local exhaust which is adequate to limit personal exposure to levels which do not exceed the TLV.

Eye Protection: Safety glasses or goggles are necessary.

Protective Gloves: Gloves are recommended when contact is likely.

IX SPECIAL PRECAUTIONS

Precautions to Be Taken in Handling and Storage: Keep container closed, whenever possible. Maintain good housekeeping procedures to prevent accumulation of dust. Use clean up methods which minimize dust generation such as vacuuming or wet cleanup. Use an appropriate NIOSH approved respirator if airborne dust concentrations exceed the appropriate PEL or TLV.

Other Precautions: Wash thoroughly after handling and before eating or smoking and at the end of the work shift. Do not shake clothing or other items to remove dust. Use a vacuum cleaner. Avoid dust inhalation and direct skin contact. Do not ingest.

Hazardous Transportation Regulations: Not a dangerous cargo.

TSCA Information: TSCA Status: On Inventory.

The above information is believed to be correct, but does not purport to be all inclusive and shall be used only as a guide. ESPI shall not be held liable for any damage resulting from handling or from contact with the above product.

Issued by: S. Dierks
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