

ILIAS SMEROS & CO, General Partnership
SANDBLASTING
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SANDBLASTING BLAST-CLEANING ABRASIVE MATERIAL SAFETY DATA SHEET

SECTION I- DESIGNATION

SANDBLASTING

SECTION II- INGREDIENTS-IDENTITY INFORMATION

Nickel refinery non-metallic slag, 100%
(Typically as an amorphous mixture of combined silicates and metal oxides)

SECTION III- PHYSICAL DATA

Physical form:	Solid (angular, sharp shaped particles)
Boiling temperature :	N/A
Melting temperature :	Above 1300oC
Vapour pressure/density :	N/A
Evaporation rate :	N/A
Specific gravity :	3,3gr/cm ³ (typical value only)
Water solubility :	Negligible
Colour :	Black
Odour :	None

SECTION IV- FIRE AND EXPLOSION DATA

The **SANDBLASTING** is a non-flammable and non-explosive solid. Use fire extinguishing media appropriate for the surrounding fire.

SECTION V- REACTIVITY DATA

The **SANDBLASTING** is inert and stable under normal conditions of use, transportation, storage and after-use disposal. There is not any known incompatibility with other material that could cause reaction phenomena. Polymerization is not possible due to the nature of the material.

SECTION VI- HEALTH HAZARD DATA

The **SANDBLASTING** presents low health risk by inhalation. Treat as nuisance dust. Typical crystalline (free) silica content is less than 0,1%. Human toxic response has not been demonstrated for any route of entry. Chemical irritation may occur to eyes or respiratory track.

Carcinogenicity NTP :	No
IARC Monographs :	No
OSHA Regulated :	No

SECTION VVI- FIRST AID

In case of:

Action:

- | | |
|---|---|
| 1. Eye contact : | 2. Flush eyes thoroughly with water. |
| 3. Skin contact : | 6. Wash skin with soap and water if irritation occurs |
| 4. Inhalation : | 7. Remove affected person(s) to fresh air source. |
| 5. Oral intake : | 8. Rinse mouth out with water. |
| 9. If symptoms persist, contact a physician or other medical personnel. | |

10. SECTION VIII- SPILL, LEAK AND DISPOSAL INSTRUCTIONS

11. The **SANDBLASTING** requires no special procedure for clean up. Wetting with plain water is recommended to reduce airborne dust. Sweep or vacuum material for disposal. Uncontaminated product does not exhibit any toxicity and may be disposed of as inert material in an appropriate solid waste landfill according to the applicable regulations.

12. SECTION IX- SAFETY & HYGENE AT WORK

13. Use material only for the purposes intended and incorporate methods of dust control to maintain airborne dust within federal or local TLV limits. Use appropriate NIOSH certified respiratory protection when exposure limits may be exceeded. Maintain sufficient ventilation to allow visual contact with work surface. Appropriate abrasive blaster's protective equipment is required, which may also include gloves, hood with protective lens, safety glasses, and hearing protection and appropriate clothing (leather or equivalent).