

Restoro Polish Company Material Safety Data Sheet

Product Name: Restoro
Manufacturers Name: Restoro Polish Company
Address: 467 Conrad Drive, Mars, PA 16046
Emergency Telephone No.: 412-734-7992
Chemical Family: Inorganic Mineral
Chemical Name and Synonyms: Microcrystalline, Soft Silica, Silicone Dioxide, Quartz
Trade Name and Synonyms: 00 Smoke
Formula: SiO₂, CAS 1-4808-60-7
HMIS Code: Fire – 0 Reactivity – 0 Health – 2 Personal Protection ** Section VIII
Feb. 1999
*** Required under USDL Safety and Health Regulations for Ship Repairing,
Shipbuilding, and Ship breaking (29 CFR 1915, 1916, 1917) ***

Section II – Hazardous Ingredients

Paints, Preservatives, & Solvents:

Pigments: N/A
Catalyst: N/A
Vehicle: N/A
Solvents: N/A
Additives: N/A
Others: N/A

Alloys and Metallic Coatings:

Base Metal: N/A
Alloys: N/A
Metallic Coatings: N/A
Filler Metal Plus Coating of Core Flux: N/A
Others: N/A

Hazardous Mixtures of Other Liquids, Solids or Gases: N/A

Section III – Physical Data

Boiling Point (F):
Vapor Pressure (mm Hg): N/A
Vapor Density (AIR = 1): N/A
Solubility in Water: Nil
Appearance and Odor: White Powder – No Odor
Specific Gravity (H₂O = 1): 2.65
Percent Volatile by Volume: None
Evaporation Rate (_____ = 1): None

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used): None
Flammable Limits: None
Extinguishing Media: No fire or explosive hazard
Special Fire Fighting Procedures: N/A
Unusual Fire and Explosion Hazards: None

Section V – Health Hazard Data

Threshold Limit Value:
Effects of Overexposure: Cough, Repeated inhalation of respirable silica may cause silicosis. Characterized by shortness of breath. Not a carcinogen per NTP, IARC, OSHA.
Emergency and First Aid Procedures:
Medical Conditions Aggravated by Exposure: Persons suffering from chronic respiratory diseases may be at increased risk.

Section VI – Reactivity Data

Stability: Stable
Conditions to Avoid:
Incompatibility (Materials to Avoid): Dissolved by Hydrofluoric Acid (HF)
Hazardous Polymerization: Will not occur
Hazardous Decomposition Products: N/A

Section VII – Spill or Leak Procedures

Steps to be Taken in Case Material is Released or Spilled: Use dustless methods such as vacuum or water.
Waste Disposal Method: Any approved solid waste disposal area. Silica is not a hazardous waste under 40 CFR Part 261-EPA Hazardous Waste.

Section VIII – Special Protection Information

Respiratory Protection (Specify Type): Dust masks that comply with OSHA 29 CFR 1910.134
Ventilation: Yes
Local Exhaust: ANSI Z9, 2-1960
Mechanical (General): ACGIH “Industrial Ventilation”
Protective Gloves: Optional
Eye Protection: Recommended

Section IX – Special Precautions

Precautions to be Taken in Handling and Storing: Use dustless systems for handling, storage, and Clean – up so exposure does not exceed TLV.
Other Precautions: Practice good housekeeping, maintain ventilation system, post warning to employees “avoid dust inhalation”.