

MATERIALS SAFETY DATA SHEET

To comply with OSHA'S Hazard Communication Standard, 29 CFR 1910.1200

SECTION I. IDENTITY OF PRODUCT AND IMPORTER OR PRODUCER

Trade Name: Sheffield Slip Clay As Marked on Bag: Sheffield Slip Clay

Chemical Name: Hydrous Alumina silicate
CAS Number: 1332-58-7

Importer/Producer Name and Address:

Telephone No.:

Sheffield Pottery, Inc.
US RTE. 7 Box 399
Sheffield MA. 01257

For Information
413/229/7700

Date prepared: 10/20/88

SECTION II. HAZARDOUS INGREDIENTS

Total Quartz (SiO_2) is not more than 30% by dry weight, and it is not fine enough to be normally respirable.

See Section VI.

SECTION III. PHYSICAL DATA

Fusion Range: 1180°C - 1200°C

Specific Gravity: 2.7

Solubility in H_2O : Slightly Soluble

% volatiles : < 100°C. NONE

Vapor Pressure: Not Applicable

Odor and Appearance: Earthy Odor, Green Powder

SECTION IV. FIRE AND EXPLOSION HAZARD DATA

Non-Flammable and Non-Hazardous

SECTION V. REACTIVITY DATA

Stability: Stable

Incompatibility (Materials to Avoid): NONE

Hazardous Polymerization: Will NOT Occur

Data, information and recommendations recorded herein are accurate to the best of our knowledge. Sheffield Pottery, Inc. makes no warranty, either expressed or implied, with respect thereto and disclaims all liability from reliance thereon.

SECTION VI. HEALTH HAZARD DATA

OSHA Permissible Exposure Limit (PEL): Total Dust mg/m^3 : 0.90
Respirable Dust* mg/m^3 : 0.58

TLV-TWA: $0.3 \text{ mg}/\text{m}^3$ Respirable Dust, based on free silica content

Route of Entry: Inhalation * Based on free silica content

Effects of overexposure:

Short Term - no effect other than as a nuisance dust
Long Term - Long term exposure to dust and free silica in concentrations higher than recommended PEL may cause silicosis.

First Aid: Eyes - Flush thoroughly with water. See a physician if irritation persists.

SECTION VII. SPILL, LEAK AND DISPOSAL INFORMATION

Action to be taken in case material is released or spilled: Clean up and collect, minimizing excessive dust*

Waste disposal method: Any approved solid waste disposal including burial.*

*Do not exceed recommended PEL - see section VI.

SECTION VIII. SPECIAL PROTECTION INFORMATION

Respiratory Protection: If dust concentrations exceed recommended Permissible Exposure Limits, use NIOSH approved dust respirators. If spraying coatings use NIOSH approved dust/mist respirators.

Ventilation: Local exhaust or other ventilation that will reduce dust concentrations to less than Permissible Exposure Limits is recommended. Use adequate ventilation if spraying coatings.

Eye Protection: Wear tight fitting goggles if high dust concentrations exist.

Other Protective Equipment: Not required.

SECTION IX. SPECIAL PRECAUTIONS

Minimize dust generation and exposure. Do not breath dust.