

**MATERIAL SAFETY DATA SHEET**  
U.S. Department of Labor  
Occupational Safety and Health Administration

**SECTION 1  
IDENTIFIERS**

COMPANY: **STYRO Industries Inc.,**  
ADDRESS: P.O. Box 8098  
Madison, WI 53708  
EMERGENCY PHONE NUMBER: 920-992-5400

PRODUCT: **STYRO INDUSTRIES BRUSH ON ST**  
CHEMICAL GROUP: Dry, Polymer modified cement mixture  
EFFECTIVE DATE: 12/96

**SECTION 2  
COMPOSITION**

| <u>Chemical Name</u>              | <u>CAS No.</u> | <u>%B.W.</u> | <u>TLV</u>               |
|-----------------------------------|----------------|--------------|--------------------------|
| Portland cements                  | 65997-15-1     | major        | 5 mg/M <sup>3</sup> *    |
| Quartz silica                     | 14808-60-7     | major        | 0.1 mg/ M <sup>3</sup> * |
| Cellulose Esther                  | N.O.S.         | minor        | 5 mg/ M <sup>3</sup> *   |
| Calcium carbonates                | 1317-65-3      | minor        | 5 mg/ M <sup>3</sup> *   |
| Micro fine Silica coated ethylene | 24937-78-8     | minor        | N/A                      |
| Surfactant                        | 744-21-3       | minor        | N/A                      |

\* Note - as respirable dust.

Generic Description: A dry mixture of Portland cement, special aggregates and extenders, polymer modifiers, and dispersing agents.

**SECTION 3  
PHYSICAL DATA**

pH: (5% SLURRY) Approx. 10  
Fl. Pt.: > 200F Seta (cc) non-flammable  
Vapor Pressure: N/A  
Vapor density: N/A  
Evap. Rate: < 1 (ether = 1)  
Physical State: dry gray powder  
Percent volatile by volume: 0  
Sp. Gr. 1.2  
% Solubility (water): Reacts slowly with water to form a hard, insoluble, non-flammable solid.

**SECTION 4  
FIRE AND EXPLOSION HAZARD DATA**

Flash point: >200 degrees F Seta  
Flammable limits: N/A  
Extinguishing media: N/A  
Special Fire Fighting Procedures: None  
Unusual Fire and Explosion Hazards: None  
Thermal Decomposition yields oxides of carbon, silicon, calcium, sodium, aluminum, iron, and magnesium.

**SECTION 5  
HEALTH HAZARD EFFECTS**

Effects of Overexposure  
WARNING: This product contains a chemical known to the State of California to cause cancer.  
Skin: Mild skin irritant.  
Eyes: Damaging to the eyes.  
Breathing: Dust may cause irritation to the upper respiratory tract. Prolonged inhalation of dust may lead to silicosis. Symptoms may not develop until after years of exposure.  
Swallowing: Harmful if swallowed.

**SECTION 6  
FIRST AID INSTRUCTIONS**

Skin Contact: Wash exposed area with a soap solution or water.

Eye Contact: Immediately flush eyes with water for 15 minutes. Immediately contact a physician for additional treatment.

Inhalation Exposure: Remove victim from contaminated area to fresh air. Apply appropriate first aid treatment as necessary.

Swallowing: Do not feed anything by mouth to an unconscious or convulsive victim.

Specific: Do not induce vomiting. Immediately contact a physician. Dilute contents of stomach using 3-4 glasses of milk or water.

**SECTION 7  
SPILL AND DISPOSAL INSTRUCTIONS**

Spill Instructions

General: Ventilate area. Place in waste disposal container.

Specific: Flush area with water. Wet area may be slippery. If so, spread sand or grit.

Disposal Instruction

General: Dispose in accordance with local, state, and federal regulations.

**SECTION 8  
SPECIAL PROTECTIVE EQUIPMENT**

Ventilation Protection: Adequate ventilation.

Recommended Respiratory Protection: If ventilation is inadequate, use a paper mask or mask with dust/mist/fume cartridges.

Recommended Skin Protection: Rubber gloves.

Other Protective Equipment: Full coveralls.

Recommended Eye Protection: Splash proof chemical goggles.

Personal Hygiene: Wash thoroughly after handling product.

**SECTION 9  
STORAGE AND HANDLING PRECAUTIONS**

Storage Instructions: Keep container closed. Keep dry and out of reach of children and pets.

Handling Instructions: Normal chemical handling.

**SECTION 10  
REGULATIONS**

FIFRA (40 CFR): EPA Reg. No. NONE USED.

OSHA (29CFR Sec. 1910) - Safety and Health Standards:

See Section 2 above.

FDA (21CFR) Ingredients Authorized Under: None

This form is intended for general compliance with New Jersey and Pennsylvania freedom of information legislation, California proposition 65, and the noted sections of the Code of Federal Regulations.

This form is essentially equal to OSHA 20 Form. While the information and recommendations set forth herein are believed to be accurate as of the date hereof, STYRO TEK, Inc. makes no warranty with respect this information. Recipients are advised to confirm, in advance of need, that the information is current, applicable, and suitable to their circumstances.