

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

**SECTION 1
IDENTIFIERS**

COMPANY: Total Wall, Inc.
ADDRESS: P.O. Box 8098, Madison, WI 53708

EMERGENCY PHONE NUMBER: 888-702-9915

PRODUCT: Total Guard BWB

CHEMICAL GROUP: Polymer-modified Portland cement
EFFECTIVE DATE: 02/2012

**SECTION 2
COMPOSITION**

<u>Chemical Name</u>	<u>CAS No.</u>	<u>%B.W.</u>	<u>TLV</u>
Part A – Dry Powder			
Portland cement	65997-15-1	major	5 mg/M ³ *
Calcium Metasilicate microfibers	13983-17-0	minor	5 mg/M ³ *
quartz silica	14808-60-7	major	0.1 mg/M ³ *
hydrated aluminum silicates	1332-58-7	minor	5 mg/M ³ *
water	7732-18-5	minor	not hazardous
titanium dioxide	13463-67-7	minor	5 mg/M ³ *
surfactant	9016-45-9	minor	0.5 ppm PEL
antifoam	64741-88-4	minor	5 mg/M ³ *
hydroxyethyl cellulose	9004-62-0	minor	not hazardous
calcium silicate	12168-85-3	major	5 mg/M ³ *
Part B – milky liquid			
Styrenated rubber emulsions	proprietary	major	not established

* Note - as respirable dust (or mist).

Generic Description: A water-based thixotropic mixture containing styrenated rubber emulsion, extenders, Portland cement and modifiers.

**SECTION 3
PHYSICAL DATA**

pH: Approx. 10.0
Fl. Pt.: > 200F Seta (cc) non-flammable
Vapor Pressure: approx 17 mm Hg
Vapor density: 1 (water = 1)
Evap. Rate: < 1 (ether = 1)
Physical State: paste-like, opaque greyish liquid when mixed
Percent volatile by volume: Approx. 10%
Sp. Gr. 1.8
% Solubility (water): dispersible in water (partially soluble) before hardening.
VOC is < 1 gm/L

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: Wear self-contained breathing apparatus (NIOSH approved) and full protective gear.

Unusual Fire and Explosion Hazards: None

Thermal Decomposition yields oxides of carbon, silicon, calcium, sodium, aluminum, iron, nitrogen, magnesium and trace halogens.

SECTION 5 HEALTH HAZARD EFFECTS

Effects of Overexposure

Skin: May be a mild skin irritant.

Eyes: Damaging to the eyes.

Breathing: Prolonged inhalation of vapors may cause irritation to the upper respiratory tract.

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 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

DOT Not regulated or hazardous for shipping.

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, Total Wall 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.