TOTAL WALL

Safety data sheet

Complies with OSHA HCS 29 CFR 1910, 1200 including Appendix D, and a GHS for classification and labeling.

SECTION 1: IDENTIFICATION

Company	Total Wall, Inc.
ADDRESS:	390 Viking Circle
	Rio, Wi 53960
Emergency phone number:	888-702-9915
Product ID:	NCB (non-cement layer)
Use of the product:	Water-based sanded acrylic coating
Effective date:	10/2016
Revision number:	Initial issue

SECTION 2: HAZARD (S) IDENTIFICATION

Warning! Eye and skin irritant

Exposure pathways: Eyes, skin, ingestion, inhalation.

Skin contact: Potential irritant of the skin.
Skin absorption: No known hazards.
Eyes: Damaging to the eyes.
Inhalation: Prolonged inhalation of vapors may cause irritation to the respiratory tract..
Ingestion: Harmful if swallowed. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

SECTION 3: COMPOSITION/ INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	percent by weight
Acrylic resin emulsions	proprietary	30
Quartz silica	14808-60-7	50
Calcium carbonate	471-34-1	4
Hydrated aluminum silicates	1332-58-7	4
Water	7732-18-5	4
Titanium dioxide	13463-67-7	2
Surfactant	9016-45-9	2
Antifoam	64741-88-4	1-2
Ester alcohol	25265-77-4	1-2
Hydroxyethyl cellulose	9004-62-0	1-2
Liquid colorant	proprietary	< 0, 1

SECTION 4: FIRST AID MEASURES

Skin contact: Wash the exposed area with soap solution and remove contaminated clothing. Get medical attention if irritation persists.

Eye contact: Immediately rinse eyes with water for 15 minutes. Remove contact lenses if you can do it easily. Contact a doctor immediately for further treatment.

Exposure to inhalation: Remove the victim from the contaminated area to fresh air. Apply appropriate first aid treatment when necessary.

Ingestion: Do not feed anything by mouth to an unconscious or convulsive victim. Specific: Do not induce vomiting. Contact a doctor immediately. Dilute the stomach contents using 3-4 glasses of milk or water.

SECTION 5: FIRE FIGHTING MEASURES

Non- flammable
Flash point: N/A
Flammable limits: N/A
Self-ignition temperature: None

Nfpa

Extinguishing media: N/A
Special firefighting procedures: None
Special firefighting equipment: None
Unusual fire and explosion hazards: None
Explosion data: Not an explosion hazard
Thermal decomposition products: None

SECTION 6: ACCIDENTAL RELEASE MEASURES

Avoid contact with skin, eyes and clothing. Proper ventilation. Evacuate the area and keep unnecessary and unprotected personnel entering the spill area. Avoid further leakage or spillage if it is safe to do so.

Environmental precautions: Avoid runoff in sewers, ditches, and storm waterways. Methods for containment: absorbs spills with an inert absorbent material such as soil, litter kitten, sand or Oil-dri. After absorbing the spill with inert material, place it in a chemical waste container.

Cleaning methods: provide ventilation. Clean SPILLS immediately by observing precautions in the protective equipment section.

SECTION 7: HANDLING AND STORAGE

Storage Instructions: Keep container tightly closed when not in use. Store indoors or under cover in a dry environment in temperatures between 40 f and 115 F, and out of reach of children and pets.
Operating instructions: handle according to good industrial hygiene, normal chemical handling and safety practices. Wash after handling.

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Chemical name	CAS no.	ACGIH and OSHA
Quartz silica	14808-60-7	0.1 mg/M^3 * Tlv
Hydrated aluminum silicates	1332-58-7	5 mg/M^3 * Tlv
Calcium carbonate	471-34-1	5 mg/M^3 * Tlv
Surfactant	9016-45-9	0, 5 ppm PEL
Titanium dioxide	13463-67-7	5 mg/M^3 * Tlv
Antifoam	64741-88-4	5 mg/M^3 * Tlv
Ammonia	1336-21-6	25 ppm PEL

* Note-like breathable dust (or fog).

Use appropriate engineering controls, such as providing good general ventilation, to control air levels below recommended exposure limits.
Ventilation protection: Adequate ventilation.
Recommended respiratory protection: If ventilation is inadequate, use a mask with dust/fog/smoke cartridges.
Recommended skin protection: Rubber gloves
The other protective equipment: Full coveralls
Recommended eye protection: Splash proof chemical goggles

Personal hygiene: Wash thoroughly after handling product

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

pH: approx. 9. 0

Flash point: Non-flammable

Vapor Pressure: 17mm Hg

Vapor Density: 1 (Water x 1)

Evaporation rate: < l (ether s l)

Physical condition: Thixotropic, light grey opaque liquid

CPS viscosity: 1mm

Volatility percentage by volume: approx. 22

VOC: approximately GM/L

Sp. Gr. 1. 44

% Solubility (water): Dispersible in water (partially soluble).

Smell: Mild

SECTION 10: STABILITY AND REACTIVITY

Chemical stability: Stable under recommended handling and storage conditions.
Hazardous polymerization: Hazardous polymerization does not occur.

Conditions to avoid: Extreme heat, freezing temperatures and incompatible materials.
Incompatible materials: water reactive materials.

Special decomposition products: Forced thermal decomposition can release irritating fumes and toxic gases.

SECTION 11: TOXICOLOGICAL INFORMATION

The following data are obtained NIOSH Form (National Institute of Occupational Safety and Health) list of RTECS (Registration of Toxic Effects of Chemicals).

Calcium Carbonate RTECS Number: EV9580000
Inhalation: rat TCLo -lowest toxic published Concentration
250 mg/m3/2H/24W (intermittent) lungs, chest, or breath-fibrosis, focal
Rat inhalation TCLo -lowest toxic published Concentration 84 mg/m3/4H/40W intermitent lungs, chest or breath-fibrosis
interstitial living-other changes: kidney, ureter, bladder

Titanium Oxide Number RTECS: XR2275000
Inhalation: rat TCLo -lowest toxic published Concentration 1 mg/kg
Lungs, chest or breathing-other changes: biochemical-metabolic (intermediary) effect inflammation or mediation of inflammation
Intake: oral-rat TDLow -lowest toxic published Dosage 60 GM/kg gastrointestinal -Hypermotility, gastrointestinal diarrhea-other changes
Chronic effects: Normal application procedures for this product pose no danger in terms of the release of powder breathable titanium dioxide, but grinding or sanding of dry films of this product may produce some of the dioxide breathable titanium.

Quartz silica: RTECS number: VV7310000
Immediately dangerous at life or health concentrations (IDLH) 3,000 mg/m^3 The concentration of IDLH is based on breathable exposure only, i.e. dust or smoke.

Carcinogenicity
The following information indicates whether each agency has listed any ingredient as Carcinogen:.

Chemistry Name	Iarc	Carcinogen of OSHA
Titanium Dioxide	2B-human carcinogen possible	

• Although IARC (International Agency for Cancer Research) has classified titanium dioxide as possibly carcinogenic to humans (2B), its summary concludes: "It is not believed that a master's exposure to titanium dioxide occurs during the use of products in which titanium dioxide is linked to other ER materials, such as paint.

SECTION 12: ECOLOGICAL INFORMATION

Aquatic toxicity is not known. Product is mildly alkaline, therefore higher concentrations of the product in estuaries may increase the pH of the slightly estuary.

The components of silica, clay and limestone (calcium carbonate) make up a majority of the product. They're not very mobile on the ground. These components are natural to the environment and do not have a predictable negative impact. The water-based polymer component is non-toxic and biodegradable in the long term. The polymer is highly mobile on the ground until it heals, and then it is not mobile in the soil.

No data are known on the cumulative ecological effects of the child and trace components, including surfactant, antifoam and esther alcohol. However, these products are believed to be at least partially biodegradable.

SECTION 13: DISPOSAL CONSIDERATIONS

Dispose of for disposition in accordance with federal, state, and local guidelines. Three-rinse the container before offering for recycling, refurbishment or disposal.

SECTION 14: TRANSPORTATION INFORMATION

DOT Shipping Name:	Unregulated.
DOT Hazard Class:	Unregulated.
IMDG UN Number :	Unregulated.
IATA Shipping Name:	Unregulated.

SECTION 15: REGULATORY INFORMATION

SARA: This product does not contain chemicals that are subject to the filing requirements of the Superfund amendments and the Reauthorization Act 1986 (Sara) Title III (40CFR, part 372).

California Proposition 65: This product contains a material, calcium carbonate, known to the state of California as causing cancer or reproductive damage.

This product contains Titanium Dioxide, and is listed by the law of the right to know of New Jersey and Pennsylvania.

Canada WHMIS: XI-irritant

EU class: irritant, in accordance with CLP Regulation (EC) No 1272/2008 on the classification, labelling and packaging of substances and mixtures.

SECTION 16: OTHER INFORMATION

HMIS Legend

0 -Minimum risk

1 -Slight risk

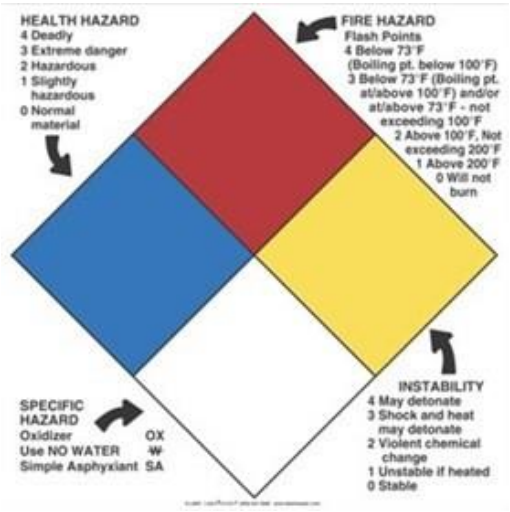
2 -Moderate risk

3 -Serious danger

4 -Severe danger

*-Chronic risk

X-consult your supervisor or S.O.P. "Special" driving instructions.



NFPA Legend

Prepared by:	Technical Department Total Wall, Inc. 390 Viking circle Rio, Wi 53960 888-702-9915
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