

## SAFETY DATA SHEET

Complies with OSHA HCS 29 CFR 1910.1200, including appendix D, and UN GHS for classification and labeling.

### SECTION 1: IDENTIFICATION

COMPANY: Total Wall  
ADDRESS: 390 Viking Circle  
Rio, WI 53960

EMERGENCY PHONE NUMBER: 888-702-9915

PRODUCT IDENTIFIER: Total Lastic 300 & 600

PRODUCT USE: Water based filled acrylic coatings  
EFFECTIVE DATE: 11/2011  
REVISION NUMBER: Initial issue

### SECTION 2: HAZARD(S) IDENTIFICATION



Warning! Eye and skin irritant.

Routes of exposure: Eyes, skin, ingestion, inhalation.

Skin Contact: Potential skin irritant.

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 can cause gastrointestinal irritation, nausea, vomiting and diarrhea.

HEALTH	1
FLAMMABILITY	0
REACTIVITY	0
PERSONAL PROTECTION	C

**SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS**

<u>Chemical Name</u>	<u>CAS No.</u>	<u>percent by weight</u>
Acrylic resin emulsions	Proprietary	34-35
Quartz silica (textured product only)	14808-60-7	25-26
Titanium dioxide	13463-67-7	9-10
Calcium carbonate	1317-65-3	23-24
Surfactant	9016-45-9	<1
Ester alcohol	25265-77-4	<1
Antifoam	64741-88-4	<1
Hydroxyethyl cellulose	9004-62-0	<1
Propylene glycol	000057-55-6	2-3
Preservatives:		
4,5-dichloro-2-n-ocetyl-4-isothiazolin-3-1	2634-33-5	<1
Ammonia	1336-21-6	<1

## SECTION 4: FIRST AID MEASURES

**Skin Contact:** Wash exposed area with a soap solution or water and remove contaminated clothing. Get medical attention if irritation persists.

**Eye Contact:** Immediately flush eyes with water for 15 minutes. Remove contact lenses if it can be done easily. Immediately contact a physician for additional treatment.

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

**Ingestion:** 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 5: FIRE-FIGHTING MEASURES

Non-Flammable

Flash point: >200 degrees F Seta

Flammable limits: N/A

Auto-ignition Temperature: None

Extinguishing media: N/A

Special Fire Fighting Procedures: None

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

Unusual Fire and Explosion Hazards: None

Explosion Data: Not an explosion hazard.

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



## SECTION 6: ACCIDENTAL RELEASE MEASURES

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

Environmental Precautions: Avoid runoff into storm sewers, ditches, and waterways.  
Methods for containment: Flush with water. Wet area may be slippery so absorb spills with an inert absorbent material such as soil, kitty litter, sand or oil dry. After absorbing spill with inert material, place in a chemical waste container.

Methods for cleanup: Provide ventilation. Clean up spills immediately 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.

Handling Instructions: Handle in accordance with good industrial hygiene, normal chemical handling and safety practices. Wash after handling.

## SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

<u>Chemical Name</u>	<u>CAS No.</u>	<u>ACGIH and OSHA</u>
Acrylic resin emulsion	Proprietary	Not established
Quartz silica	14808-60-7	0.1 mg/M <sup>3</sup> * TLV
Titanium dioxide	3463-67-7	5 mg/M <sup>3</sup> * TLV
Calcium carbonates	1317-65-3	5 mg/M <sup>3</sup> * TLV
Surfactants	9016-45-9	0.5 ppm PEL
Antifoam	64741-88-4	5 mg/M <sup>3</sup> * TLV
Ester alcohol	25263-77-4	Not established
Hydroxyethyl cellulose	9004-62-0	Not hazardous
Propylene glycol	000057-55-6	Not hazardous
4,5-dichloro-n-ocetyl-4-isothiazolin-3-1	2634-33-5	0.1 mg/M <sup>3</sup> * TLV *STEL
Ammonia	1336-21-6	25 ppm

\* Note - as respirable dust (or mist).

Use appropriate engineering controls, such as providing good general ventilation, to control airborne levels below recommended exposure limits.

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: PHYSICAL AND CHEMICAL PROPERTIES

pH: 8.8-9.5

Flash Point: >200 F Seta (cc) non-flammable

Vapor Pressure: 17 mm Hg

Vapor density: 1 (water =1)

Evap. Rate: < 1 (ether = 1)

Physical State: Paste-like, opaque liquid

Percent volatile by volume: Approx. 16%

Sp. Gr. 1.4

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

VOC: 41.1 gm/

## 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 may release irritant fumes and toxic gases.

## SECTION 11: TOXICOLOGICAL INFORMATION

The below data is obtained from NIOSH (National Institute for Occupational Safety and Health listing of RTECS (Registry of Toxic Effects of Chemical Substances)).

Calcium Carbonate : RTECS Number: EV9580000

Inhalation: Rat TCLO - Lowest published toxic concentration:

250 mg/m<sup>3</sup>/2H/24W (Intermittent) Lungs, Thorax, or Respiration - Fibrosis, focal

Inhalation - Rat TCLO - Lowest published toxic concentration : 84 mg/m<sup>3</sup>/4H/40W

(Intermittent) Lungs, Thorax, or Respiration - Fibrosis

(interstitial) Liver - Other changes: Kidney/Ureter/Bladder

Titanium Oxide : RTECS Number: XR2275000 Inhalation: Rat TCLO - Lowest published toxic concentration : 1 mg/kg Lungs, Thorax, or Respiration - Other changes:

Biochemical - Metabolism (intermediary) - Effect on inflammation or mediation of

inflammation Ingestion: Oral - Rat TDLo - Lowest published toxic dose : 60 gm/kg

Gastrointestinal - Hypermotility, diarrhea Gastrointestinal - Other changes Chronic

Effects: Normal application procedures for this product pose no hazard as to the release

of respirable titanium dioxide dust, but grinding or sanding dried films of this product may yield some respirable titanium dioxide.

Carcinogenicity: The information below indicates whether each agency has listed any ingredient as a carcinogen. Chemical Name: Titanium dioxide 2B - Possible Human Carcinogen

- Although IARC (International Agency for Research on Cancer) has classified titanium dioxide as possibly carcinogenic to humans (2B), their summary concludes: "No significant exposure to titanium dioxide is thought to occur during the use of products in which titanium dioxide is bound to other materials, such as paint."

The below data is obtained from NIOSH (National Institute for Occupational Safety and Health listing of RTECS (Registry of Toxic Effects of Chemical Substances)).

Quartz Silica: RTECS Number: VV7310000

Immediately Dangerous to Life or Health Concentrations (IDLH) 3,000 mg/m<sup>3</sup> The

IDLH concentration is based on respirable exposure only, i.e., dust or fume.

## 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 estuary slightly.

The silica, clay and limestone (calcium carbonate) components make up a majority of the product. They are not highly mobile in the soil. These components are natural to the environment and present no foreseeable negative impact. The water-based polymer component is not toxic and is long term biodegradable. The polymer is highly mobile in the soil until it cures, and then it is not mobile in the soil.

There is no known data on the cumulative ecological effects of the minor and trace components, which include the surfactant, antifoam and ester alcohol. However, it is believed these components are at least partially degradable.

## SECTION 13: DISPOSAL CONSIDERATIONS

Arrange for disposal in accordance with Federal, state and local guidelines. Triple-rinse container prior to offering for recycle, reconditioning or disposal.

## SECTION 14: TRANSPORT INFORMATION

DOT Shipping Name:	Non regulated.
DOT Hazard Class:	Non regulated.
IMDG UN Number :	Non regulated.
IATA Shipping Name:	Non regulated.



## SECTION 15: REGULATORY INFORMATION

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

OSHA (29CFR Sec. 1910)- Safety & 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 and the noted sections of the Code of Federal Regulations

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

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, Inc. makes no warranty with respect to this information. Recipients are advised to confirm, in advance of need, that the information is current, applicable, and suitable for their circumstances.

## SECTION 16: OTHER INFORMATION

### HMIS Legend

0 - Minimal Hazard

1 - Slight Hazard

2 - Moderate Hazard

3 - Serious Hazard

4 - Severe Hazard

\* - Chronic Hazard

X - Consult your supervisor or S.O.P. for



### NFPA Legend "Special"

handling

instructions.

Prepared By: Technical Department  
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Rio, WI 53960

888-702-9915

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# **TOTAL WALL**

Disclaimer: The information contained herein is presented in good faith and believed to be accurate as of the effective date shown above. This information is furnished without warranty of any kind. Individuals and employers should use this information only as a supplement to other information gathered by themselves and must make independent determination of suitability and agreement of information from all sources to assure proper use of these materials and the safety and health of individuals. This should be done in advance of need. Any use of this data and information must be determined by the user to be in accordance with applicable federal, state/provincial, and local laws and regulations.

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