

Strongwall Industries Inc.

107 Chestnut Street
Ridgewood, NJ 07450 (Headquarters)
(201) 445-4633
(201) 447-2317

e-mail: strongwall@strongwall.com
web: www.strongwall.com

MATERIAL SAFETY DATA SHEET

Section 1 - Identifiers

Supplier: Strongwall Industries, Inc.
Address: 107 Chestnut Street, Ridgewood, NJ 07450
Telephone: (201) 445-4633
Trade Name: Stronggard
Chemical Family: Polyvinylidene Chloride Emulsion

Section 2 Hazard Identification & Emergency Overview

Emergency Overview: Not considered to be hazardous. Some individuals may find odor to be unpleasant.

Effects of Overexposure

SKIN: May be mildly irritating to skin
EYES: May be irritating to eyes
BREATHING: Mists cause irritation to the upper respiratory tract.
SWALLOWING: Although non-toxic, entry into throat may cause choking.

SECTION 3 - COMPOSITION

COMPONENT	CAS #	APPROXIMATE %
Polyvinyl Diene Chloride/Ethylene Acetate	25085-46-5	31.8
Calcium Silicate	13983-17-0	5.8
Titanium Dioxide	13463-67-7	8.3
Barium Sulfate	7727-43-7	14.9
Methyl Cellulose	9004-62-0	0.1
Fungicides	1897-45-6	0.4
Calcium Metasilicate	13983-17-0	5.8
Aluminum Silicate	1332-58-7	1.1
Water	7732-18-5	31.8

Section 4 - First Aid Measures

SKIN: wash exposed areas with soap and water
EYES: Immediately flush eyes with clean water for 15 minutes, and then contact a physician for immediate treatment.
BREATHING: Remove victim to fresh air
SWALLOWING: Induce vomiting. Immediately contact a physician

Section 5 - Fire & Explosion Hazard Data

Flash Point (Method used): >200°F (Seta)
Flammable Limits: N/A
Extinguishing Media: N/A
Unusual Fire & Explosion Hazards: None
Hazardous Decomposition Products: None

Section 6 - Spill or Leak Procedures

Cover with a layer of sand or other suitable absorbent material.

Section 7 - Handling & Storage

Keep container closed and protect product from freezing. Keep containers sealed and under cover when not in use. Do not store Stronggard in the direct sun for prolonged periods of time.

Section 8 - Personal Protection Exposure Controls

Respiratory Protection (Specify Type): If ventilation is inadequate, use a respirator with dust/mist/fume cartridges.
Eye Protection: Splash-proof chemical goggles.
Skin Protection: Rubber gloves
Other Protective Equipment: Provide adequate ventilation.
Personal Hygiene: Wash thoroughly after using.

Section 9 - Physical Data

Boiling Point (F)	220°	Specific gravity (H ² O=1)	1.4
Vapor Pressure	20	Percent, Volatile by Volume	34
Vapor Density (AIR=1)	>1	Evaporation Rate (N.B.A.=1)	1
Solubility in Water	Reducible	pH (5% Slurry)	9.5

Appearance & Odor - Opaque viscous liquid with slight ammoniacal odor.

Section 10 - Reactivity Data

Stability: Stable

Incompatibility (Materials to avoid): None

Hazardous Polymerization: Will not occur

Conditions to avoid: Freezing

Section 11 - Toxicological Information

Acute oral toxicity	Minimal
Acute inhalation toxicity	None
Acute dermal toxicity	Minimal
Sensitization	Unlikely
Mutagenicity	Negative
Carcinogenicity	Probably Not

Section 12 - Ecological Information

Biodegradation	Not Readily
Toxicity to fish	Minimal
Toxicity to aquatic invertebrates	Minimal
Toxicity to micro organisms	Minimal
Atmospheric oxidation of volatiles	None
Bioaccumulation	Unlikely
Toxicity to plants	Minimal

Section 13 – Disposal Consideration

Dispose of in accordance with local, state and federal regulations.

Section 14 – Transportation Information

Proper shipping name	Paint
Hazard class	None
Packing group	N/A
I.D. #	N/A
RQ:	N/A

Transport labels required: This material is not regulated by the D.O.T.

Section 15 – Regulatory Information

See reference data for individual components.

Section 16 – Other Information (HMIS Rating)

Health	1
Flammability	0
Physical hazard	0
Personal protection	B

Disclaimer: Strongwall Industries, Inc. believes, to the best of its knowledge, information, and belief, the information contained herein to be accurate and reliable as of the issue date of this Material Safety Data Sheet (MSDS). However, because the conditions of handling, use, and storage of these materials are beyond Strongwall Industries' control, we assume no responsibility or liabilities for personal injury or proper damage incurred by the use of these materials and make no warranty, expressed or implied, regarding the accuracy or reliability of the data or results obtained from their use. All materials may present unknown hazards and should be used with caution. The information and recommendations contained in this MSDS are offered for the users' consideration and examination. It is the responsibility of the user to determine the final suitability of this information and data to comply with all applicable international, federal, state, and local laws and regulations.