

1: Identification

Product Name:	POLYBASE
Common Name/Synonym:	Water-based Adhesive/Base Coat
Recommended Use:	EIFS Coating
Manufacturer:	EZWALL Coatings, Inc. 1001 Forest Avenue Dallas, Texas 75215
Contact Phone Number:	214-428-1886
Emergency:	Chemtrec: +1 703-527-3887 ex-USA Chemtrec: 1-800-424-9300 USA

2: Hazard(s) Identification



Classification:	Carcinogenicity - Category 1A
Signal Word:	Danger
Hazard Statements:	May Cause Cancer
Precautionary Statement(s):	Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection. IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. IF ON SKIN: Wash with plenty of water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Rinse mouth. If skin irritation occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. Take off contaminated clothing and wash it before reuse. Collect spillage. Dispose of contents/container in accordance with Local, State, Federal and Provincial regulations.

Hazards not otherwise classified that have been identified during the classification process:

Eye: May cause irritation.
Skin: May cause irritation.
Inhalation: Prolonged or excessive inhalation may cause respiratory tract irritation.
Ingestion: Ingestion can cause gastrointestinal irritation, nausea, vomiting and diarrhea.

3: Composition/Information on Ingredients

Chemical Name	CAS #	Ingredient Percent by Weight
ACRYLIC POLYMER	No data	10 - 30 %
CRYSTALLINE SILICA (CRISTOBALITE)	14464-46-1	30 - 40 %
CRYSTALLINE SILICA (QUARTZ/SILICA SAND)	14808-60-7	30 - 40 %
WATER	7732-18-5	10 - 30 %

4: First Aid Measures

Necessary measures by relevant routes of exposure:

Eye Contact:	Immediately flush eyes with plenty of water for at least 15 to 20 minutes. Ensure adequate flushing of the eyes by separating the eyelids with fingers. Get immediate medical attention.
Skin Contact:	Immediately wash skin with plenty of soap and water for 15 to 20 minutes, while removing contaminated clothing and shoes. Get medical attention if irritation develops or persists.
Inhalation:	If inhaled, remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Seek immediate medical attention.
Ingestion:	If swallowed, do NOT induce vomiting. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

Symptoms acute or delayed: n/a

Other First Aid: First Responders should provide for their own safety prior to rendering assistance.

5: Fire Fighting Measures

General Information:	Water based product
Suitable Extinguishing agents:	Product is not combustible. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Unusual Hazards:	If heated, a pressure increase will occur and the container may burst. The material may splatter.
Protective Equipment/precautions for Firefighters:	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6: Accidental Release Measures

Personal Precautions, Protective Equipment, and Emergency Procedures:	Personal protection needs must be evaluated based on information provided on this sheet and the special circumstances created by the spill including; the material spilled, the quantity of the spill, the area in which the spill occurred, and the training and the expertise of employees in the area responding to the spill.
Environmental Precautions:	Prevent product from entering drains. Do not flush into surface water or sanitary sewer system.
Methods for containment:	Contain spills with an inert absorbent material such as soil, sand or oil dry.
Methods for cleanup:	Absorb spill with inert material (e.g., dry sand or earth), then place in a chemical waste container. Provide ventilation. Clean up spills immediately observing precautions in the protective equipment section.

7: Handling and Storage

<u>Precautions for Safe Handling:</u>	
Safe Handling:	Handle in accordance with good industrial hygiene and safety practice.
Hygiene Measures:	Handle in accordance with good industrial hygiene and safety practice.
<u>Conditions for Safe Storage, including any incompatibilities:</u>	
Storage:	Keep in a dry, cool and well-ventilated place. Keep out of the reach of children. Store in accordance with local regulations. Keep from freezing.
Materials to Avoid:	Strong oxidizing agents. Strong acids. Strong bases.

8: Exposure Controls/ Personal Protection

Exposure Guidelines:

Name:	ACGIH TLV
CRYSTALLINE SILICA (CRISTOBALITE)	TWA: 0.025 mg/m ³ (respirable)
TITANIUM OXIDE	TWA: 10 mg/m ³
CRYSTALLINE SILICA (QUARTZ/SILICA SAND)	TWA: 0.025 mg/m ³ (respirable)

Engineering Measures: Ensure adequate ventilation, especially in confined areas.

Individual protection measures:

Eye/Face Protection:	If splashes are likely to occur, wear: Tightly fitting safety goggles.
Skin/Body Protection:	Wear protective gloves/ protective clothing.
Respiratory Protection:	Respiratory protection No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.
Hygiene Measures:	See section 7 for more information

9: Physical and Chemical Properties

Properties

Form:	Liquid
Appearance:	Off - White
Odor:	Slight
pH:	>8
Boiling Point:	Not determined.
Melting Point:	Not determined.
Specific Gravity:	0.96 - 1.80 g/cc
Solubility:	Miscible
Vapor Density:	8.0 - 15.0
Evaporation Rate:	>1
Flash Point:	Not determined.
VOC:	Not determined.

10. Stability and Reactivity

Reactivity:	No dangerous reaction known under conditions of normal use.
Chemical Stability:	Stable under recommended storage conditions.
Possibility of Hazardous Reactions:	None under normal processing.
Conditions to Avoid:	Do not freeze. To avoid thermal decomposition, do not overheat.
Incompatible Materials:	Strong oxidizing agents. Strong acids. Strong bases.
Hazardous Decomposition Products:	Thermal decomposition can lead to release of irritating gases and vapors.

11. Toxicological Information

Unknown Acute Toxicity: < 1% of the mixture consists of ingredient(s) of unknown toxicity

Crystalline Silica (Cristobalite):
 Inhalation - Rat TClO - Lowest published toxic concentration : 248 mg/m³/6H [Lungs, Thorax, or Respiration - Other changes Biochemical - Metabolism (intermediary) - Other proteins Biochemical - Metabolism (intermediary) - Effect on inflammation or mediation of inflammation]
 Inhalation - Rat TClO - Lowest published toxic concentration : 248 mg/m³/6H [Lungs, Thorax, or Respiration - Changes in lung weight Immunological Including Allergic - Increase in cellular immune response Biochemical - Metabolism (intermediary) - Effect on inflammation or mediation of inflammation]
 Inhalation - Rat TClO - Lowest published toxic concentration : 200 mg/kg [Lungs, Thorax, or Respiration - Fibrosis, focal (pneumoconiosis) Lungs, Thorax, or Respiration - Other changes Nutritional and Gross Metabolic - Changes in iron]
 Inhalation - Mouse TClO - Lowest published toxic concentration : 40 mg/kg [Lungs, Thorax, or Respiration - Other changes]
 Inhalation - Mouse TClO - Lowest published toxic concentration : 40 mg/kg [Immunological Including Allergic - Decrease in cellular immune response]
 Inhalation - Rat TClO - Lowest published toxic concentration : 1 mg/kg

Ingestion:
 Oral - Rat TDLo - Lowest published toxic dose : 120 gm/kg [Gastrointestinal - Hypermotility, diarrhea Gastrointestinal - Other changes]

Carcinogenicity:
 Crystalline silica in the form of quartz or cristobalite dust causes cancer of the lung.. Normal application procedures for this product pose no hazard as to the release of crystalline silica dust, but grinding or sanding dried films of this product may yield some respirable crystalline silica.

Titanium Oxide:
 Inhalation - Mouse TClO - Lowest published toxic concentration : 43 mg/m³/5H/9D (Intermittent) [Lungs, Thorax, or Respiration - Pleural effusion Lungs, Thorax, or Respiration - Other changes]
 Inhalation - Mouse TClO - Lowest published toxic concentration : 70 mg/m³/5H/12D (Intermittent) [Lungs, Thorax, or Respiration - Fibrosis, focal (pneumoconiosis) Lungs, Thorax, or Respiration - Fibrosis (interstitial) Lungs, Thorax, or Respiration - Other changes]

Carcinogenicity:
 Crystalline silica in the form of quartz or cristobalite dust causes cancer of the lung.. Normal application procedures for this product pose no hazard as to the release of crystalline silica dust, but grinding or sanding dried films of this product may yield some respirable crystalline silica.

Chemical Name	LD50 Oral
Crystalline silica (Quartz) (Respirable)	500 mg/kg (Rat)

Carcinogenicity:	ACGIH	IARC	NTP	OSHA
Crystalline silica (Quartz) (Respirable)	A2	GROUP 1	KNOWN	-

12: Ecological Information

Ecotoxicity: < 1 % of the mixture consists of components(s) of unknown hazards to the aquatic environment

Environmental Fate: Discharge into the environment must be avoided.

Soil Mobility: No information.

Other adverse effects: No known significant effects.

13: Disposal Considerations

Waste Disposal Guidance: This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

14: Transportation Information

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

15: Regulatory Information

This safety data sheet is prepared to comply with any national and/or regional regulations

16: OTHER INFORMATION

HMIS Ratings:

HMIS Health Hazard: 1
HMIS Fire Hazard: 0
HMIS Physical Hazard: 0
HMIS Personal protection: B

DISCLAIMER:

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