

24 HOUR EMERGENCY ASSISTANCE	GENERAL MSDS ASSISTANCE

Acute Health 1	Fire 0	Reactivity 0	Rating ▶ Least - 0 Slight - 1 Moderate - 2 High - 3 Extreme - 4
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SECTION I				Name
Product ▶ Polyvinyl Chloride (PVC) Extrusion Compounds				
Chemical Name ▶ Polyvinyl Chloride Resin				
Premium Codes ▶ See Table Below				
Name	Formulation Code	Name	Formulation Code	
Window White Compound	WC-4104-86	Topcoat Compound	LG-4311-19-2 GB-901-1 & GB-603	
Substrate Compound	BS-308, BS-339-2	White Topcoat	LGW-4405	
Window Beige Compound	104-R3	Window Black	105-10	
Gray/Sp-white Window	106-2B	Tan Window	107-R1	
		Topcoat-Garage Door	603-1	
Topcoat-Fence	4311-8	Fence Substrate	F56-1	
Privacy Panel	5202-1	Geloy-Finish trim	007-9	
Everything else substrate	B5339-9	Purge	9	
Geloy-Deck	007-10			

Section II	Product/Ingredient		
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Name	CAS #	SARA 313	Percentage
Polyvinyl Chloride (PVC) Resin	9002-86-2	No	< 85 %
Calcium Carbonate	1317-65-3	No	< 47 %

Titanium Dioxide	13463-67-7	No	< 10.0 %
Chromium Compounds (as metal)	N090	Yes	< 17.2 %
Manganese Compounds (as metal)	N450	Yes	< 0.8 %
Antimony Compounds (as metal)	N010	Yes	< 4.2 %
Copper Compounds (as metal)	N100	Yes	< 0.9 %
Molybdenum Compounds (as Metal)	Not Applicable	No	< 0.9 %
Amorphous Silica	112926-00-8	No	< 1.0 %

Section III

Physical/Chemical Data

Boiling Point: N/A

Specific Gravity: N/A

Vapor Pressure: N/A

Melting Point: 162° F (Sublimes)

Vapor Density: N/A

Evaporation Rate: N/A

Solubility in Water : Negligible

Appearance/Physical Form/Odor: Free Flowing Powder, white or beige

Section VI

Fire and Explosion Hazard Data

Flash Point and Method

Flammable Limits / % Volume in Air

735 ° F ASTM D1929

Lower: N/A Upper: N/A

Extinguishing Media

Use water, foam, dry chemical or CO₂

Special Fire Fighting Procedures and Precautions

Use water spray or fog to reduce flame intensity and absorb irritating fumes. Wear a positive pressure NIOSH approved self-contained breathing apparatus. Cool fire exposed containers with water.

Unusual Fire and Explosion Hazards

Fire conditions can produce Hydrogen Chloride, Carbon Monoxide and Carbon Dioxide.

Section V

Reactivity Data

Stability: Stable

Hazardous Polymerization: Will not Occur

Conditions and Materials to Avoid

Avoid open flames.

Hazardous Decomposition Products

Hydrogen Chloride, Carbon Monoxide, Carbon Dioxide, Hydrogen Sulfide, and other unidentified organic compounds (aromatic and aliphatic hydrocarbons) can be formed upon combustion.

Section VI**Health Hazard Data**

The health effects noted below are consistent with requirements under the OSHA Hazard Communication Standard (29 CFR 1910.1200)

Eye Contact

Product is minimally irritating to the eyes.

Skin Contact

Prolonged and repeated contacted may cause redness and irritation of the skin.

Inhalation

Prolonged and repeated inhalation of this product may cause irritation to the nose, throat and respiratory tract.

Ingestion

This product may be harmful if swallowed.

Signs and Symptoms

The skin and eyes may become red and irritated from exposure as noted above. Coughing, chest pain, burning sensation in nose and/or throat and inflammation of eyes or respiratory tract are indicative of exposure to decomposition fumes from fire.

Aggravated Medical Conditions

Individuals with Bronchial Asthma and other types of chronic obstructive respiratory diseases may develop bronchospasms if exposure to decomposition fumes is prolonged.

Section VII**Occupational Exposure Limits**

Chemical Name	OSHA		ACGIH		Other
	PEL/TWA	STEL	TLV/TWA	STEL	
Vinyl Chloride Monomer ¹	1.0 ppm		5.0 ppm		
Titanium Oxide	15.0 mg/M ³		10.0 mg/M ³		
Amorphous Silica	80.0 mg/M ³		10.0 mg/M ³		
Tin in Organic Compounds	0.1 mg/M ³		0.1 mg/M ³		
Antimony	0.5 mg/M ³		0.5 mg/M ³		

¹ Vinyl Chloride monomer is present at less than 10 ppm units of Polyvinyl Chloride.

Chromium	0.5 mg/M	0.5 mg/M
Copper	1.0 mg/M ³	1.0 mg/M ³
Manganese	5.0 mg/M ³	5.0 mg/M ³
Molybdenum	10.0 mg/M ³	10.0 mg/M ³
Calcium Carbonate		10.0 mg/M ³

Section VIII

Emergency and First Aid Procedures

Eye Contact

Flush eyes with water for at least 5 minutes. See physician if irritation persists.

Skin Contact

Wash with water and mild soap (Normal Personal Hygiene). See physician if irritation develops.

Inhalation

Remove individual to fresh air and provide oxygen if breathing is difficult. Give artificial respiration if individual is not breathing. Get medical attention.

Ingestion

Induce vomiting. Get medical attention.

Section IX

Employee Protection

Respiratory Protection

Under conditions of potential high exposure, the use of a NIOSH approved nuisance dust respirator is recommended.

Protective Clothing

Avoid contact with eyes, wear safety glasses (ANSI Z.87.1) Wear appropriate clothing for nuisance dust contact. Protective gloves are optional.

Additional Protective Measures.

Local exhausts systems are recommended for the control of nuisance dust concentrations.

Work/Personal Hygiene Practices

Wash thoroughly after contact before eating, drinking, smoking or applying cosmetics.
Avoid making dusts.

Section X

Environmental Protection

Spill or Leak Procedures

Vacuum or sweep powder into a closed container for reuse or disposal.

Waste Disposal Method

Under 40 CFR 261 - This product is not defined as a hazardous material and may be brought to landfill in accordance with all Federal, State and Local Laws.

Recycling

PVC is a Class 3 plastic and unable to be used by a plastics recycler.

Section XI Special Precautions for Handling and Use

Do not puncture or otherwise damage container. Keep contents dry.

Avoid open flame. Incineration will generate Hydrogen Chloride.

Section XII Transportation Requirements

Department of Transportation Classification**D.O.T. Proper Shipping Name**

PVC Resin

Other Requirements

Section XIII Other Regulatory Controls

The components of this product are listed on the EPA/TSCA Inventory of chemical substances.

This product does not contain, nor was it directly manufactured with any Class I or Class II Ozone depleting chemicals, per 40 CFR Part 82.

In accordance with SARA Title III, Part 313, Form R's must be submitted to state and federal agencies when applicable thresholds have been surpassed.

Section XIV Special Notes

The information contained herein is based on data available to us and is believed to be correct. However, Premium Building Products makes no warranty, expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof. Premium Building Products assumes no responsibility for injury or damage from the use of the product describe herein.