

# gripSTIK® Rigid Vinyl Drywall Beads and Trims

Revised Date: 9/30/09

Phillips Manufacturing's Rigid Vinyl Drywall Beads and Trims are finished products (articles) manufactured from PVC. Vendor PVC suppliers provided the below information.

## Section 1. Product and Company Identification

**Product Name:** Rigid Vinyl Drywall Accessories  
**Trade Mark:** Phillips gripSTIK®  
**Chemical Name:** Extruded Rigid Polyvinyl Chloride (PVC)  
**Product Use:** Drywall Trim Accessories

**Manufacturer Name:** Phillips Manufacturing Co.  
**Address:** 4949 S. 30<sup>th</sup> Street  
Omaha NE, 68107  
**Phone Number:** (402) 339-3800

## Section 2. Composition/Information on Regulated Ingredients

Components	CAS-No.	Percentage by wt.
Polyvinyl Chloride Resin	9002-86-2	>30%
Antimony	1309-64-4	1.0% - 5.0%
Titanium Dioxide	13463-67-7	1.0% - 5.0%

## Section 3. Hazards Identification

### Emergency Overview

This mixture has not been evaluated as a whole. All ingredients are bound and potential for hazardous exposure as shipped is minimal. The intended use of this product normally will not cause inhalation, ingestion, or skin contact hazard. Operations such as sawing, sanding or burning can possibly cause airborne respirable particles. These operations should be conducted in well ventilated areas. See section 5 as could emit Hydrogen Chloride (HCL) or Carbon Monoxide (CO) under fire conditions.

### Potential Health Effects

**Routes of Exposure:** Inhalation, ingestion, skin contact

#### **Acute Exposure:**

**Inhalation:** Can be mechanically irritating like other inert materials

**Ingestion:** May be harmful if swallowed

**Eyes:** Particles like other inert materials are mechanically irritating to eyes

**Skin:** Experience shows no unusual dermatitis hazard from routine handling

**Chronic exposure:** Refer to section 11 for Toxicological Information

**Medical Conditions Aggravated By Exposure:** None known

**Carcinogenic;** IARC has determined that there is inadequate evidence of carcinogenicity of a polyvinyl chloride resin in both animals and humans. The overall evaluation of polyvinyl chloride is Group 3, meaning that it is not classifiable as a carcinogen (IARC Vol. 19, 1979). Polyvinyl chloride is not listed as a carcinogen by OSHA, NIOSH, NTP, IARC or EPA.

## Section 4. First Aid Measures

**Inhalation:** Move to fresh air in case of accidental inhalation of fumes from overheating or combustion. When symptoms persist or in all cases of doubt, seek medical advice.

**Ingestion:** Do not induce vomiting without medical advice. When symptoms persist or in all cases of doubt, seek medical advice.

**Eyes:** Rinse immediately with plenty of water, also under the eye lids, for at least 15 minutes. If eye irritation persists, seek medical attention.

**Skin:** Wash off with soap and plenty of water. If skin irritation persists, seek medical attention.

## Section 5. Fire-Fighting Measures

**Flash Point:** >600°F

**Flammable Limits:**

**Upper Explosion Limits:** Not applicable

**Lower Explosion Limits:** Not applicable

**Auto Ignition Temperature:** Not applicable

**Suitable Extinguisher Media:** Carbon dioxide blanket, water spray, dry powder, foam

**Special Fire-Fighting Procedures:** Full-face, self-contained breathing apparatus (SCBA) used in positive pressure mode, should be worn to prevent inhalation of airborne contaminants.

**Unusual Fire/Explosion Hazards:** May emit hydrogen chloride (HCL) or carbon monoxide (CO) under fire conditions or carbon dioxide (CO<sub>2</sub>), carbon monoxide (CO) oxides of nitrogen (NOX). Other hazardous materials and smoke are all possible.

## Section 6. Accidental Release Measures

**Personal Precautions:** Wear appropriate personal protection during clean up, such as impervious gloves, boots and coveralls.

**Environmental Precautions:** Should not be released into the environment. This product should not be allowed to enter drains, water courses or the soil.

**Methods for Cleaning Up:** Clean up promptly by sweeping or vacuum. Package all material in plastic, cardboard or metal containers for disposal. Refer to section 13 for proper disposal methods.

## Section 7. Handling and Storage

**Handling:** Take measures to prevent build up of electrostatic charge. Heat material only in areas with appropriate exhaust ventilation.

**Storage:** Store in temperatures below 140°F. Store in protected area away from heat, sparks and flame. To prevent brittleness, store in temperatures above freezing.

## Section 8. Exposure Controls/Personal Protection

**Respiratory Protection:** No personal respiratory protective equipment normally required.

**Eye / Face Protection:** Safety glasses with side shields

**General Hygiene Considerations:** Handle in accordance with good industrial hygiene and safety practices. Wash hands before breaks and at the end of the work day.

**Engineering Measures:** Provide appropriate ventilation

**Exposure Limit(s):**

Components	Value	Exposure time	Exposure type	List:
Antimony Trioxide	0.5 mg/m <sup>3</sup>	PEL	As Sb	OSHA Z1
	0.5 mg/m <sup>3</sup>	Time Weighted Average (TWA)	As Sb	ACGIH
Titanium Dioxide	10 mg/m <sup>3</sup>	Time Weighted Average (TWA)		ACGIH
	15 mg/m <sup>3</sup>	PEL	Total Dust	OSHA Z1

## Section 9. Physical and Chemical Property

**Form:** Solid

**Appearance:** Formed strip

**Color:** White

**Odor:** Odorless

**Melting Point:** Not determined

**Boiling Point:** Not applicable

**pH:** Not applicable

**Water Solubility:** Insoluble

**Evaporation Rate:** Not applicable

**Specific Gravity:** Not determined

**Bulk Density:** Not established

**Vapor Pressure:** Not applicable

**Vapor Density:** Not applicable

## Section 10. Stability and Reaction

**Stability:** Stable

**Hazardous Polymerization:** Will not occur

**Conditions to Avoid:** Keep away from oxidizing agents and open flame. To avoid thermal decomposition do not over heat.

**Incompatible Materials:** Incompatible with strong acids and oxidizing agents. Avoid contact with acetyl or acetyl copolymers under conditions of heat and pressure.

**Hazardous Decomposition:** Carbon dioxide (CO<sub>2</sub>), carbon monoxide (CO), oxides of nitrogen (NO<sub>x</sub>), other hazardous materials, and smoke are possible. Prolonged heating (approximately 30 minutes or more) above 392° F (200°C) may result in product decomposition and evolution of carbon monoxide and hydrogen chloride.

## Section 11. Toxicological Information

This mixture has not been evaluated as a whole for health effects. Exposure effects listed are based on existing health data for the individual components which comprise the mixture.

### Toxicity Overview

This product contains the following components, which in their pure form, have the following characteristics:

CAS-No.	Chemical Name	Effects	Target Organ
1309-64-4	Antimony Trioxide	Systemic Effects	Eyes, Respiratory System
		Sensitizer	Skin
13463-67-7	Titanium Dioxide	Systemic Effects	Respiratory System

### LC50 / LD50

This product contains the following components which, in their pure form, have the following toxicity data:

CAS-No.	Chemical Name	Route	Value	Species
1309-64-4	Antimony Trioxide	Oral LD50	>34,600mg/kg	Rat

### Carcinogenicity

This product contains the following components which, in their pure form, have the following carcinogenicity data:

CAS-No.	Chemical Name	OSHA	IARC	NTP
1309-64-4	Antimony Trioxide	No	2B	No

IARC Carcinogen Classifications:

- 1-The component is carcinogenic to humans
- 2A-The component is probably carcinogenic to humans
- 2B- The component is possibly carcinogenic to humans

NTP Carcinogen Classifications:

- The component is known to be a human carcinogen.
- The component is reasonably anticipated to be a human carcinogen.

## Section 12. Ecological Information

**Persistence and Degradability:** Not readily biodegradable

**Environmental Toxicity:** Adverse ecological impact is not known or expected under normal use

**Bioaccumulation:** No data available

**Additional Advice:** Not applicable

## Section 13. Disposal Considerations

**Waste Management Information:** Like most thermoplastics the product can be recycled. Where possible, recycling is preferred to disposal or incineration. The generator of waste material has the responsibility for proper waste classification, transportation and disposal in accordance with applicable federal, state/provincial and local regulations.

**Section 14. Transport Information**

**U.S. Dot Classification:** Not regulated for transportation  
**ICAO/IATA (Air):** Not regulated for transportation  
**IMO / IMDG (Maritime):** Not regulated for transportation

**Section 15. Regulatory Information**

**US Regulations:** Classified as hazardous based on components  
**TSCA Status:** All components of this product are listed on or exempt from the TSCA inventory  
**U.S. EPA CERCLA Hazardous Substance (40CFR302):** Not applicable  
**California Proposition 65:** Warning! This product contains a chemical known to the state of California to cause cancer  
**SARA Title III Section 302 Extremely Hazardous Substance:** Not applicable  
**Sara Title III Section 313 Toxic Chemicals:**

Chemical Name	CAS-No.	Weight %
Antimony Compounds	1309-64-4	1.0 – 5.0

**Section 16. Other Information**

The information and recommendations contained herein are, to the best of Phillips Manufacturing Company's knowledge and belief, accurate and reliable as of the date issued. The information is derived from data supplied by providers of the major components of the assembled article. Phillips Manufacturing Company does not guarantee the accuracy or reliability of this information, and shall not be liable for any loss or damage arising out of the use thereof. Our objective in providing this information is to help you protect the health and safety of your personnel and to comply with the OSHA Hazard Communication Standard and Title III of the Superfund Amendment and Reauthorization Act of 1986.

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