

## gripSTIK<sup>®</sup> Rigid Vinyl Drywall Beads and Trims

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<sup>®</sup>  
**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.	Weight %
Antimony	1309-64-4	1-5%
Titanium Dioxide	13463-67-7	1-5%

### 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 particulates. 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

### 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:** Not applicable

#### 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 only in areas with appropriate exhaust ventilation.

**Storage:** Store in temperatures below 140°F. To prevent brittleness, store in temperatures above freezing.

### Section 8. Exposure Controls/Personal Protection

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

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

**Hand Protection:** Protective gloves

**Skin and Body Protection:** Long sleeved clothing

**Additional Protective Measures:** Safety shoes

**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. This product may contain residual vinyl chloride monomer (VCM) (CAS number 75-01-4) below 8.5 ppm (0.00085%). It is unlikely under normal working conditions with adequate

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

ventilation, that the exposure will be exceeded. However, the user should take the necessary precautions (e.g. mechanical or local) to ensure adequate ventilation.

**Engineering Measures:** Provide appropriate ventilation

**Exposure Limit(s):**

### Section 9. Physical and Chemical Property

**Form:** Solid

**Appearance:** Formed strip

**Color:** White/beige

**Odor:** Very faint

**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 homopolymers and acetyl copolymers.

**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.

**Additional Health Hazards**

Antimony trioxide 1309-64-4 can cause eye irritation. Can cause skin irritation. Symptoms may include redness and burning of skin, and other skin damage. Additional symptoms of skin contact may include: Antimony measles (a red pimply rash).

**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

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### **Section 13. Disposal Considerations**

**Product:** 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.

**Contaminated Packaging:** Recycling is preferred when possible. 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	1.00-5.00

**Canadian Regulations:**

National Pollutant Release Inventory (NPRI)

Chemical Name	CAS-No.	Weight %	NPRI ID#
Antimony Trioxide	1309-64-4	1.00-5.00	17

**WHMIS Classification:** D2A

**WHMIS Ingredient Disclosure List:**

CAS-No.
1309-64-4

**DSL:** All components of this product are on the Canadian Domestic Substances List (DSL) or are exempt.

**National Inventories:**

Australia AICS: Not determined

China IECS: Not determined

Europe IECS: Not determined

Japan ENCS: Not determined

Korea KECl: Not determined

### **Section 16. Other Information**

The information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release, and is not to be considered a warranty or quality specification. The information relates only to specific material designated and may not be valid for such material when used in combination with other materials and/or in any particular process or processing conditions.

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