



Plastics, Inc.

Naamans Creek Center, 24 Creek Circle, Boothwyn, PA 19061

1-800-PVC-GEHR

## GEHR PLASTICS, INC.

### PVC, TYPE I GREY

#### Material Safety Data Sheet

Revised January 3, 2007  
Supersedes January 2002

#### Section II – Hazardous Ingredients / SARA III Information

Hazardous Components	OSHA PEL	ACGIH-TLV	CAS NUMBER
Vinyl Chloride Monomer	1 ppm/8hr TWA	5 ppm	75-01-4
Acrylic Copolymer	100 ppm	50 ppm	Proprietary
Titanium Dioxide	15 mg/CM	10 mg/CM	13463-67-7
Organotin Compound	0.1 mg/m <sup>3</sup>	0.1 mg/m <sup>3</sup>	57583-65-3
Calcium Stearate	(not established)	10 mg/CM	1592-23-0

This product may contain one or more of the following substances subject to reporting, under Section 313 of Title III and of 40 CFR 372 for reportable toxic chemicals.

SARA 313 Components	OSHA PEL	ACGIH-TLV	CAS NUMBER
Manganese	0.5 mg/m <sup>3</sup>	0.5 mg/m <sup>3</sup>	7439-9605
Chromium	0.5 mg/m <sup>3</sup>	0.5 mg/m <sup>3</sup>	7440-47-3
Antimony	0.5 mg/m <sup>3</sup>	0.5 mg/m <sup>3</sup>	7440-36-0

This product is predominately polyvinyl chloride, a substance not considered to be a hazardous chemical based on evaluations made by our company under the OSHA Hazard Communication Standard, 29 CFR and 1910.1200.

#### Section III – Physical/Chemical Characteristics

Specific Gravity (H<sub>2</sub>O = 1) : >1.2

Solubility in Water: Slight

Appearance and Odor: Fine powder of various colors. Bland odor

#### Section IV – Fire and Explosive Hazard Data

Flash Point (Method Used): 735°F (COC)

Extinguishing Media: Water or ABC dry chemical

**Special Fire Fighting Procedures:**

Fire fighters should use self-contained breathing apparatus in the positive pressure mode.

**Unusual Fire and Explosion Hazards:**

This product evolves hydrogen chloride, carbon monoxide, and small amounts of various hydrocarbons when burned. Carbon monoxide and carbon dioxide are asphyxiates and hydrogen chloride is an irritant and corrosive.

This product may form explosive dust-air mixtures.

**Section V – Reactivity Data**

Stability: Stable

Conditions to Avoid: Prevent cross contamination of feed stocks

Hazardous Decomposition or Byproducts: Hydrogen chloride, carbon monoxide, and carbon dioxide

Hazardous Polymerization: Will not occur

**Section VI – Health Hazard Data**

Route(s) of Exposure: Inhalation: Yes Skin: Yes Ingestion: No

Health Hazards (Acute and Chronic): Inhalation may cause nausea, discomfort, and central nervous system effects. Exposure to dust may cause irritation of skin, eyes, and respiratory tract.

Carcinogenicity: NTP: No IARC Monographs: No OSHA Regulated: No

**Signs and Symptoms of Exposure:**

Nausea, discomfort, headache, dizziness, eye, skin, and respiratory tract irritation.

**Emergency and First Aid Procedures:**

If symptoms occur, remove affected individual from the area. Wash or flush affected areas thoroughly with flowing water for 15 minutes. Wash skin with mild soap and water. Irritation persists, seek medical attention.

**Section VII – Precautions for Safe Handling and Use****Steps to be taken in Case Material Is Released or Spilled:**

Vacuum or sweep into closed container.

**Waste Disposal Method:**

Dispose of waste in a licensed landfill or by incineration in accordance with federal, state and local laws and regulations.

**Precautions to be taken in Handling and Storing:**

Inhalation of dust should be avoided. Exercise care when dumping bags, sweeping, mixing or performing other tasks that might create dust.

## **Section VIII – Control Measures**

**Respiratory Protection:** Where large amounts of dust may occur, wear NIOSH/MSHA approved dust/mist respirator.

**Protective Gloves:** Wear protective gloves if handling hot material.

**Eye Protection:** Safety glasses are recommended when handling this product.

## **SARA Title III**

This product may contain toxic chemicals subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization ACT of 1986 and C.F.R. Part 372.

**Information contained herein is believed to be true and accurate, but all statements or suggestions are made without warranty, express or implied, regarding the accuracy of information, the hazards connected with the use of the material or the results to be obtained from the use thereof.**

**Compliance with all applicable federal, state, and local laws and regulations remain the responsibility of the user.**