1 PRODUCT AND COMPANY IDENTIFICATION

Manufacturer

Phillips Manufacturing Co.
4949 S. 30th Street
Omaha, NE 68107
(402) 339-3800
PHILLIPSmfg.com

2 HAZARDS IDENTIFICATION

Classification of the substance or mixture

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS):

Health, Serious Eye Damage/Eye Irritation, 2 B
Health, Specific target organ toxicity - Single exposure, 3
Health, Skin corrosion/irritation, 3

GHS Label elements, including precautionary statements

GHS Signal Word: WARNING

GHS Hazard Pictograms:

GHS Hazard Statements:

H320 - Causes eye irritation
H335 - May cause respiratory irritation
H316 - Causes mild skin irritation

GHS Precautionary Statements:

P260 - Do not breathe dust/fume/gas/mist/vapors/spray.
P262 - Do not get in eyes, on skin, or on clothing.
P281 - Use personal protective equipment as required.
P302+352 - IF ON SKIN: Wash with soap and water.
P304+340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305+351+338 - IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.

Hazards not otherwise classified (HNOC) or not covered by GHS

This compound is predominantly polyvinyl chloride polymer (PVC), a subtance not considered to be a hazardous chemical based upon evaluations made by our company under the OSHA Hazard Communication Standard, 29 CFR 1910.1200. Hazardous ingredients (See section 8) that may exist in this product, however, are listed as such but are not expected to pose an exposure hazard with appropriate processing and handling techniques which include engineering controls discussed in section 7 an 8. It is the obligation of the processor of this product to determine if the effectiveness of said material handling techniques, PPE and engineering controls mitigate any health risks associated with exposure to this material.

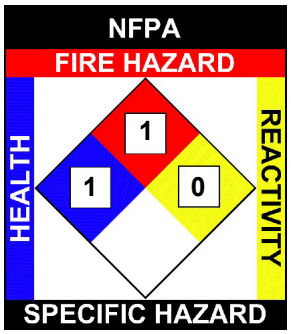
Route of Entry: Eyes; Inhalation; Skin;

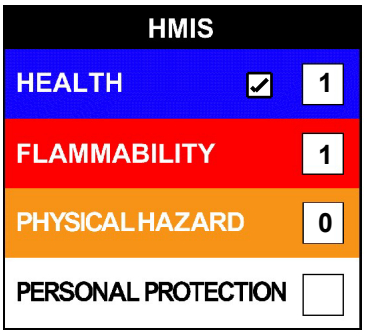
Inhalation: Can cause irritation and inflammation of the respiratory tract.

Skin Contact: May cause irritation.

Eye Contact: May cause irritation.

NFPA: Health = 1, Fire = 1, Reactivity = 0, Specific Hazard = n/a
HMIS III: Health = 1(Chronic), Fire = 1, Physical Hazard = 0





3 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients:

Cas#	*%*	*Chemical Name*
9002-86-2	***80-95%***	***Ethene, chloro-, homopolymer***
0	5-20%	Functional Additives

4 FIRST AID MEASURES

Inhalation: If symptoms develop, move victim to fresh air. If symptoms persist, obtain medical attention.

Skin Contact: Promptly flush skin with water until all chemical is removed.
Get medical attention if needed.

Eye Contact: Flush with large amounts of water.

5 FIRE FIGHTING MEASURES

Flammability: Not Flammable

Flash Point: 390 C

Flash Point Method: (COC)

Extinguish with water or ABC dry chemical

6 ACCIDENTAL RELEASE MEASURES

Keep away from drains and ground water.
Sweep up, place in bag and hold for waste disposal.
Do not discharge into drains.

7 HANDLING AND STORAGE

Handling Precautions: When applicable, inhalation of dust should be avoided. Exercise care when dumping bags, sweeping, mixing or performing other tasks that might create dust.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Use mechanical (general) ventilation to contain volatiles during processing or dusting when handling/conveying

Personal Protective Equipment:
HMIS PP, E | Safety Glasses, Gloves, Dust Respirator
HMIS PP, T | Dust Respirator
HMIS PP, A | Safety Glasses
Where large amounts of dust may occur, wear NIOSH / MSHA approved dust/mist respirator
Wear thermal protective gloves if handling hot material
Safety glasses are recommended when handling this product

Exposure Limits: This compound may contain the following hazardous substances. Their respective exposure limits are listed. Engineering controls and personal protective equipment (PPE) used during handling and processing of this product are expected to keep exposures of said substances below their respective exposure limits.

Vinyl Chloride Monomer CAS# 75-01-4
OSHA (TWA5)/PEL): 1 ppm/ 8hr TWA
ACGIH (TWA/TLV): 5 ppm

Titanium Dioxide CAS#13463-67-7
OSHA (TWA5)/PEL): 15 mg/m3
ACGIH (TWA/TLV): 10 mg/m3

Calcium Stearate CAS# 1592-23-0
OSHA (TWA5)/PEL): not established
ACGIH (TWA/TLV): 10 mg/m3

Chromium CAS 7440-47-3
OSHA PEL: 0.5 mg/m3
ACGIH-TLV: 0.5 mg/m3

Carbon Black CAS 1333-86-4
OSHA PEL: 3.5 mg/m3
ACGIHTLV: 3.0 mg/m3

Acrylic Copolymer (proprietary)
OSHA (TWA5)/PEL): 100 ppm
ACGIH (TWA/TLV): 50 ppm

Organotin Compounds (proprietary)
OSHA (TWA5)/PEL): 0.1 mg/m3
ACGIH (TWA/TLV): 0.1mg/m3

Manganese CAS 7439-9605
OSHA PEL: 0.5 mg/m3
ACGIH-TLV: 0.5 mg/m3

Antimony CAS 7440-36-0
OSHA PEL: 0.5 mg/m3
ACGIH-TLV: 0.5 mg/m3

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Solid Pellet
Physical State: Solid
Spec Grav./Density: >1.2
Odor: Slight odor

10 STABILITY AND REACTIVITY

Stability:	Stable
Conditions to Avoid:	Prevent cross contamination of feedstocks
Hazardous Decomposition:	Hydrogen chloride, carbon monoxide, and carbon dioxide
Hazardous Polymerization:	Will not occur

11 TOXICOLOGICAL INFORMATION

Routes of Exposure: Inhalation: Yes Skin: Yes Ingestion: No

Health Hazards (Acute and Chronic): Inhalation may cause nausea and discomfort. 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 or respiratory tract irritation

The subject compound has not been evaluated for toxicity per se, but some of the selected components that may be contained in this product and their respective toxicity information are listed below:

Calcium Stearate, CAS 1592-23-0; Effect: Irritant ; Target Organ- Eyes Skin, Lungs ORAL LD50 Rat; 10g/kg

Titanium Dioxide, CAS 13463-67-7: Effect Systemic Effects; Target organ- Lungs Inhalation LC50 (4hr) Rat >6.8 mg/l

Limestone, CAS 1317-65-3: Effect; Irritant: Target Organ Eyes, Skin, Lungs

12 ECOLOGICAL INFORMATION

Environmental Impact/Toxicity: In both storage and use of this material, there is low probability of impact to the environment and/or organisms.

Aquatic: No Data

Biodegradability: Not biodegradable

13 DISPOSAL CONSIDERATIONS

Measures should be put into action to prevent the product from being introduced to the soil and ground and surface water.

Dispose of virgin or processed polymer in a suitable container to a licensed landfill or by incineration in accordance with federal, state and local laws and regulations.

14 TRANSPORT INFORMATION

Non-hazardous for air, sea and road freight.

U.S. DOT Classification: Not regulated

ICAO/IATA (air): Not regulated

IMO/IMDG (maritime): Not regulated

15 REGULATORY INFORMATION

California Prop 65: This compound contains an ingredient identified by the state of California to cause cancer- vinyl chloride monomer

US TSCA inventory list- All ingredients in this compound are listed on the TSCA inventory

SARA Title III Toxic Chemicals Section 313

This product may contain the following Section 313 chemicals

Antimony Compounds, CAS N010
Chromium Compounds, CAS N090
Manganese Compounds, CAS N450

16 OTHER INFORMATION

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.