1. IDENTIFICATION

Product identifier

Product Name: Extruded Polyvinyl Chloride Compounds
Description: Wall and ceiling accessories for stucco, plaster, drywall, veneer and EIFS/DEFS PB and PM applications

Details of the supplier of the safety data sheet

Manufacturer
VINYL CORP.
8000 NW 79th Place
Miami, FL33166 USA
Phone: 800-648-4695
FAX: 888-846-9583
http://www.vinylcorp.com/

SDS Contact Information

Vinyl Corp Technical Support
Sam Maldonado
sam.maldonado@vinylcorp.com
(800) 648-4695

ClarkDietrich Technical Services
Toll-Free Phone: (888) 437-3244
Toll-Free Fax: (800) 976-0249
E-mail: support@clarkdietrich.com

2. HAZARDS IDENTIFICATION

Classification

OSHA Regulatory Status
This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Label elements

The product contains no substances which at their given concentration, are considered to be hazardous to health

Appearance - Pellets Physical State - Solid Odor - No data available

Hazards not otherwise classified (HNOC)
None known

Unknown acute toxicity
Not Applicable

Other Information
None known
3. COMPOSITION/INFORMATION ON INGREDIENTS

The components of this product are embedded in an impervious polymer matrix and are therefore not biologically available. Any hazardous constituents are fixed in the polymer matrix and therefore present a negligible exposure risk under normal conditions of processing and handling. Additives contained in this product do not pose a risk to health unless they are liberated during processing (fumes from melting, dusts). Suitable Industrial Hygiene precautions should be implemented to prevent (respirable) dust and fume exposures. Exposure to (melting) fumes should be kept as low as possible, using suitable ventilation equipment. Dusts and fumes created from secondary processing may be irritating to respiratory tract and skin and should be considered as potentially hazardous. If user operations generate dust, fumes, or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No</th>
<th>weight-%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Polyvinyl Chloride</td>
<td>9002-86-2</td>
<td>80-95</td>
</tr>
<tr>
<td>Dibutyltin bis (2-ethylhexyl mercaptoacetate)</td>
<td>10584-98-2</td>
<td>0-2</td>
</tr>
<tr>
<td>Calcium Stearate</td>
<td>1592-23-0</td>
<td>0-2</td>
</tr>
<tr>
<td>Glycerin Monostearate</td>
<td>31566-31-1</td>
<td>0-2</td>
</tr>
<tr>
<td>Monobutyltin tris (2-ethylhexyl mercaptoacetate)</td>
<td>26864-37-9</td>
<td>0-2</td>
</tr>
<tr>
<td>Bis(2-ethylhexylthioglycolate)</td>
<td>57583-35-4</td>
<td>0-2</td>
</tr>
<tr>
<td>Tris(2-ethylhexylthioglycolate)</td>
<td>57583-34-3</td>
<td>0-2</td>
</tr>
<tr>
<td>ALUMINUM</td>
<td>7429-90-5</td>
<td>0-2</td>
</tr>
<tr>
<td>CHROMIUM COMPOUNDS</td>
<td>N090</td>
<td>0-2</td>
</tr>
<tr>
<td>NICKEL COMPOUNDS</td>
<td>N495</td>
<td>5 - 10</td>
</tr>
<tr>
<td>ANTIMONY COMPOUNDS</td>
<td>N010</td>
<td>5 - 10</td>
</tr>
<tr>
<td>CARBON BLACK</td>
<td>1333-86-4</td>
<td>0-2</td>
</tr>
<tr>
<td>ZINC COMPOUNDS</td>
<td>N982</td>
<td>0-5</td>
</tr>
<tr>
<td>Vinyl Chloride</td>
<td>75-01-4</td>
<td>0-0.001%</td>
</tr>
<tr>
<td>Plasticizer</td>
<td></td>
<td>0 – 5</td>
</tr>
<tr>
<td>Inert Fillers</td>
<td></td>
<td>0 – 50</td>
</tr>
<tr>
<td>Flame Retardant</td>
<td></td>
<td>0 – 15</td>
</tr>
<tr>
<td>Heat Stabilizer</td>
<td></td>
<td>1 – 10</td>
</tr>
<tr>
<td>Colorant</td>
<td></td>
<td>0 – 15</td>
</tr>
<tr>
<td>Impact Modifiers</td>
<td></td>
<td>0 – 70</td>
</tr>
<tr>
<td>Process Aid</td>
<td></td>
<td>0 – 25</td>
</tr>
<tr>
<td>Lubricants</td>
<td></td>
<td>0 – 20</td>
</tr>
</tbody>
</table>

4. FIRST AID MEASURES

**First Aid Measures**

**Eye contact** Rinse thoroughly with plenty of water, also under the eyelids. Get medical attention if symptoms occur.

**Skin Contact** Wash with soap and water.

**Inhalation** None under normal use conditions.

**Ingestion** Get medical attention. 

**Most important symptoms and effects, both acute and delayed**

**Symptoms** No information available.

**Indication of any immediate medical attention and special treatment needed**

**Note to physicians** Treat symptomatically
5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media
Dry chemical, CO2 or water spray.

Unsuitable Extinguishing Media  No information available.

Specific hazards arising from the chemical
Thermal decomposition can lead to release of irritating and toxic gases and vapors.

Hazardous combustion products

Explosion data
Sensitivity to Mechanical Impact  No information available.
Sensitivity to Static Discharge  Fine dust dispersed in air, in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard.

Protective equipment and precautions for firefighters
Use personal protective equipment as required. In the event of fire and/or explosion do not breathe fumes.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures
Personal Precautions  Use personal protective equipment as required.
Other Information  Not Applicable.

Environmental Precautions
Environmental Precautions  Do not allow into any sewer, on the ground or into any body of water.

Methods and material for containment and cleaning up
Methods for Containment  Prevent further leakage or spillage if safe to do so.
Methods for Clean-Up  Pick up and transfer to properly labeled containers.

7. HANDLING AND STORAGE

Precautions for safe handling
Advice on safe handling  Use personal protective equipment as required. Handle in accordance with good industrial hygiene and safety practice.

Conditions for safe storage, including any incompatibilities
Storage Conditions  Keep container tightly closed.
Incompatible Materials  None known based on information supplied
8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

<table>
<thead>
<tr>
<th>Exposure Limits/Guidelines</th>
<th>Result</th>
<th>ACGIH</th>
<th>Canada British Columbia</th>
<th>Canada Ontario</th>
<th>Canada Quebec</th>
<th>OSHA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vinyl Chloride (75-01-4)</td>
<td>TWAs</td>
<td>1 ppm TWA</td>
<td>1 ppm TWA (designated substances regulation); 1 ppm TWA (applies to workplaces to which the designated substances regulation does not apply)</td>
<td>1 ppm TWAEV; 2.6 mg/m3 TWAEV</td>
<td>1 ppm TWA</td>
<td></td>
</tr>
<tr>
<td>STELs</td>
<td>Not established</td>
<td>Not established</td>
<td>Not established</td>
<td>Not established</td>
<td>5 ppm STEL (see 29 CFR 1910.1017)</td>
<td></td>
</tr>
<tr>
<td>Polyvinyl Chloride as Particulates not otherwise classified (PNOC)</td>
<td>TWAs</td>
<td>1 mg/m3 TWA (respirable)</td>
<td>1 mg/m3 TWA (respirable)</td>
<td>10 mg/m3 TWAEV (including dust, inert or nuisance particulates; containing no Asbestos and &lt;1% Crystalline silica, total dust)</td>
<td>15 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable fraction)</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
<th>NIOSH IDLH</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dibutyltin bis (2-ethylhexyl mercaptoacetate)</td>
<td>STEL: 0.2 mg/m^3 Sn TWA: 0.1 mg/m^3 Sn</td>
<td>TWA: 0.1 mg/m^3 Sn (vacated)</td>
<td>IDLH: 25 mg/m^3 Sn TWA: 0.1 mg/m^3 except Cyhexatin Sn</td>
</tr>
<tr>
<td>Calcium Stearate</td>
<td>TWA: 10 mg/m^3 except stearates of toxic metals</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Glycerin Monostearate</td>
<td>TWA: 10 mg/m^3 except stearates of toxic metals</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Monobutyltin tris (2-ethylhexyl mercaptoacetate)</td>
<td>STEL: 0.2 mg/m^3 Sn TWA: 0.1 mg/m^3 Sn</td>
<td>TWA: 0.1 mg/m^3 Sn (vacated)</td>
<td>IDLH: 25 mg/m^3 Sn TWA: 0.1 mg/m^3 except Cyhexatin Sn</td>
</tr>
<tr>
<td>Bis(2-ethylhexylthioglycolate)</td>
<td>STEL: 0.2 mg/m^3 Sn TWA: 0.1 mg/m^3 Sn</td>
<td>TWA: 0.1 mg/m^3 Sn (vacated)</td>
<td>IDLH: 25 mg/m^3 Sn TWA: 0.1 mg/m^3 except Cyhexatin Sn</td>
</tr>
<tr>
<td>Tris(2-ethylhexylthioglycolate)</td>
<td>STEL: 0.2 mg/m^3 Sn TWA: 0.1 mg/m^3 Sn</td>
<td>TWA: 0.1 mg/m^3 Sn (vacated)</td>
<td>IDLH: 25 mg/m^3 Sn TWA: 0.1 mg/m^3 except Cyhexatin Sn</td>
</tr>
<tr>
<td>Dibutyltin bis (2-ethylhexyl mercaptoacetate)</td>
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<td>TWA: 0.1 mg/m^3 Sn (vacated)</td>
<td>IDLH: 25 mg/m^3 Sn TWA: 0.1 mg/m^3 except Cyhexatin Sn</td>
</tr>
<tr>
<td>ALUMINUM</td>
<td>TWA: 1 mg/m^3 respirable particulate matter</td>
<td>TWA: 15 mg/m^3 total dust TWA: 5 mg/m^3 respirable fraction (vacated)</td>
<td>TWA: 10 mg/m^3 total dust TWA: 5 mg/m^3 respirable dust TWA: 5 mg/m^3 Al</td>
</tr>
</tbody>
</table>

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### Appropriate engineering controls

**Engineering Controls**

Ensure adequate ventilation, especially in confined areas.

**Individual protection measures, such as personal protective equipment**

- **Eye/face Protection**
  Wear safety glasses with side shields (or goggles).

- **Skin and Body Protection**
  No special technical protective measures are necessary.

- **Respiratory Protection**
  No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

**General Hygiene Considerations**

Handle in accordance with good industrial hygiene and safety practice.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

**Information on basic physical and chemical properties**

<table>
<thead>
<tr>
<th>Property</th>
<th>Values</th>
<th>Remarks - Method</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Physical State</strong></td>
<td>Solid</td>
<td></td>
</tr>
<tr>
<td><strong>Appearance</strong></td>
<td>Pellets</td>
<td></td>
</tr>
<tr>
<td><strong>Color</strong></td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td><strong>Odor</strong></td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td><strong>Odor Threshold</strong></td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td><strong>pH</strong></td>
<td>Not Applicable</td>
<td></td>
</tr>
<tr>
<td><strong>Melting point/freezing point</strong></td>
<td>Not Applicable</td>
<td></td>
</tr>
<tr>
<td><strong>Boiling point / boiling range</strong></td>
<td>Not Applicable</td>
<td></td>
</tr>
<tr>
<td><strong>Flash Point</strong></td>
<td>Not Applicable</td>
<td></td>
</tr>
<tr>
<td><strong>Evaporation Rate</strong></td>
<td>Not Applicable</td>
<td></td>
</tr>
<tr>
<td><strong>Flammability (solid, gas)</strong></td>
<td>Not Applicable</td>
<td></td>
</tr>
<tr>
<td><strong>Flammability Limit in Air</strong></td>
<td>Not Applicable</td>
<td></td>
</tr>
</tbody>
</table>

---

### CHROMIUM COMPOUNDS

- TWA: 0.5 mg/m$^3$ Cr
- (vacated) TWA: 0.5 mg/m$^3$ Cr
- IDLH: 25 mg/m$^3$ Cr(III)
- TWA: 0.5 mg/m$^3$ Cr

### NICKEL COMPOUNDS

- TWA: 1.5 mg/m$^3$ inhalable fraction
- (vacated) TWA: 1 mg/m$^3$
- IDLH: 10 mg/m$^3$ Ni
- TWA: 0.015 mg/m$^3$ except Nickel carbonyl Ni

### ANTIMONY COMPOUNDS

- TWA: 0.5 mg/m$^3$ Sb
- (vacated) TWA: 0.5 mg/m$^3$ Sb
- IDLH: 50 mg/m$^3$ Sb
- TWA: 0.5 mg/m$^3$ Sb

### CARBON BLACK

- TWA: 3 mg/m$^3$ inhalable particulate matter
- TWA: 3.5 mg/m$^3$ (vacated) TWA: 3.5 mg/m$^3$
- IDLH: 1750 mg/m$^3$
- TWA: 3.5 mg/m$^3$ Carbon black in presence of Polycyclic aromatic hydrocarbons PAH

### ZINC COMPOUNDS

- STEL: 10 mg/m$^3$ respirable fraction
- TWA: 2 mg/m$^3$ respirable fraction
- TWA: 5 mg/m$^3$ fume
- TWA: 15 mg/m$^3$ total dust
- TWA: 5 mg/m$^3$ respirable fraction (vacated) TWA: 5 mg/m$^3$ fume
- (vacated) TWA: 10 mg/m$^3$ total dust
- TWA: 5 mg/m$^3$ respirable fraction (vacated) STEL: 10 mg/m$^3$ fume
- IDLH: 500 mg/m$^3$
- Ceiling: 15 mg/m$^3$ dust
- TWA: 5 mg/m$^3$ dust and fume
- STEL: 10 mg/m$^3$ fume

### Titanium Dioxide

- TWA/TLV: 10 mg/m$^3$
- TWA5/PEL: 15 mg/m$^3$

### Vinyl Chloride

- TWA/TLV: 5 ppm
- TWA5/PEL: 1 ppm/8hr TWA

### Acrylic Copolymer

- TWA/TLV: 100 ppm
- TWA5/PEL: 50 ppm

### Organotin Compounds

- TWA/TLV: 0.1 mg/m$^3$
- TWA5/PEL: 0.1 mg/m$^3$

### Manganese

- TWA/TLV: 0.5 mg/m$^3$
- TWA5/PEL: 0.5 mg/m$^3$
### 10. STABILITY AND REACTIVITY

**Reactivity**
No data available.

**Chemical stability**
Stable under normal conditions.

**Possibility of Hazardous Reactions**
None under normal processing.

**Conditions to Avoid**
Avoid overheating to minimize fume production.

**Incompatible Materials**
None known based on information supplied.

**Hazardous Decomposition Products**
Carbon monoxide, Carbon dioxide (CO2), HCl, Trace Benzenes, Aliphatic hydrocarbons, Aromatic hydrocarbons, Isobutyrate, Cyanide

### 11. TOXICOLOGICAL INFORMATION

**Information on likely routes of exposure**

- **Inhalation**
  Avoid breathing vapors or mists.

- **Eye contact**
  No data available.

- **Skin Contact**
  No data available.

- **Ingestion**
  No data available.

**Components**

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Oral LD50</th>
<th>Dermal LD50</th>
<th>Inhalation LC50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dibutyltin bis (2-ethylhexyl mercaptoacetate) 10584-98-2</td>
<td>= 510 mg/kg (Rat)</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Calcium Stearate 1592-23-0</td>
<td>&gt; 10 g/kg (Rat)</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Tris(2-ethylhexylthioglycolate) 57583-34-3</td>
<td>= 920 mg/kg (Rat)</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>CARBON BLACK 1333-86-4</td>
<td>&gt; 15400 mg/kg (Rat)</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>
Information on toxicological effects

Symptoms
No information available.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization
No information available.

Germ cell mutagenicity
No information available.

Carcinogenicity
No information available.

Reproductive toxicity
No information available.

STOT - single exposure
No information available.

STOT - repeated exposure
No information available.

Aspiration hazard
Not Applicable.

Numerical measures of toxicity - Product Information
No information available

12. ECOLOGICAL INFORMATION

Ecotoxicity
Based on the high molecular weight of this polymeric material, transport of this compound across biological membranes is unlikely. Accordingly, the probability of environmental toxicity or bioaccumulation in organisms is remote. Due caution should be exercised to prevent the accidental release of this material to the environment.

<table>
<thead>
<tr>
<th>Component</th>
<th>Algae/aquatic plants</th>
<th>Fish</th>
<th>Crustacea</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dibutyltin bis (2-ethylhexyl mercaptoacetate)</td>
<td>-</td>
<td>LC50: =11.7 mg/L (Brachydanio rerio, 96 h, static)</td>
<td>EC50: =0.035 mg/L (48h)</td>
</tr>
</tbody>
</table>

Persistence and degradability
No information available.

Bioaccumulation
No information available.

Mobility
No information available.

Other adverse effects
No information available

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal of wastes
Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated packaging
Dispose of in accordance with federal, state and local regulations.

14. TRANSPORT INFORMATION

DOT
Not regulated

IATA
Not regulated

IMDG
Not regulated

15. REGULATORY INFORMATION

International Inventories
TSCA
Complies
Legend:
TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

**US Federal Regulations**

**SARA 313**
Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

**SARA 311/312 Hazard Categories**

<table>
<thead>
<tr>
<th>Hazard Category</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute Health Hazard</td>
<td>NO</td>
</tr>
<tr>
<td>Chronic Health Hazard</td>
<td>NO</td>
</tr>
<tr>
<td>Fire hazard</td>
<td>NO</td>
</tr>
<tr>
<td>Sudden release of pressure hazard</td>
<td>NO</td>
</tr>
<tr>
<td>Reactive Hazard</td>
<td>NO</td>
</tr>
</tbody>
</table>

**US State Regulations**

**California Proposition 65**
As formulated this product does not contain any Proposition 65 chemicals

**Other Regulations**

**EU Regulation (EC) No. 1907/2006 (REACH)**
As formulated, this product does not contain any ingredients listed as an SVHC above 0.1%.

**EU - Hazardous Substances Restricted or Prohibited in Electrical Equipment (2011/65/EU) (RoHS)**
As formulated, this compound complies with the EU RoHS Directive (2011/65/EU) (RoHS 2) and does not contain any restricted materials above threshold levels. The RoHS directive restricts the use of Lead, Cadmium, Chrome VI, Mercury, PBBs and all PBDE materials.

**Conflict Minerals**
As formulated, the raw materials used in this product do not intentionally contain any of the "Conflict Minerals". Conflict Minerals consist of Gold, Columbite-Tantalite (Tantalum), Casserite (Tin), and Wolframite (Tungsten) that originate from the Democratic Republic of Congo or adjoining countries.

16. **OTHER INFORMATION**

<table>
<thead>
<tr>
<th>NFPA</th>
<th>Health Hazards 0</th>
<th>Flammability 1</th>
<th>Instability 0</th>
<th>Physical and Chemical Properties -</th>
</tr>
</thead>
</table>

**Disclaimer**

This SDS provides information on all of Vinyl Corp’s extruded PVC product lines combined. For a product specific SDS, please contact Technical Services using the contact information on page 1 listed the Identification section.

**Disclaimer**

To the best of our knowledge, the information contained herein is correct and accurate but does not purport to be all inclusive and shall be used only as a guide. The information relates only to the specific material designated. Vinyl Corp., nor any of it subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Vinyl Corp. warrants only that the goods sold shall conform to Vinyl Corp. standard specifications or such other mutually agreed-to and documented specification. This express warranty is in lieu of and excludes all other express warranties and is extended only to Buyer. VINYL CORP. EXPRESSLY DISCLAIMS ALL OTHER WARRANTIES INCLUDING THE WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE AND MAKES NO WARRANTY AS TO THE RESULTS BUYER CAN EXPECT FROM BUYER’S USE OF THE GOODS. No employee or agent of Vinyl Corp. is authorized to make warranties about goods sold by Vinyl Corp. Company, and Buyer should not rely on any oral or written communications from employees or agents of Vinyl Corp. Company that purport to constitute a warranty. Any assistance furnished by Vinyl Corp. in the selection of goods or suggestions as to their processing or use are accepted by Buyer at Buyer’s own risk, and Vinyl Corp. shall not be liable to Buyer for results obtained by Buyer from such assistance or suggestions. In no event and under no circumstances will Vinyl Corp. be liable for consequential damages of any kind.

End of Safety Data Sheet