Section 1 - Chemical Product and Company Information

Product Name: Color Hardener    Product Code: SDCP-COH
Trade Name: Smith's Color Hardener

Manufactured by:
Smith Paint Products
2200 Paxton Street
Harrisburg, PA 17111
(800) 466-8781

Chemtrec
2900 Fairview Park Drive
Falls Church, VA 22042-4513
(800) 262-8200

Emergency Hot Line:
(800) 424-9300

Section 2 - Hazards Identification

GHS Ratings:

GHS Hazards

GHS Precautions

Signal Word:

Conditions Aggravated by Exposure: Any debilitating conditions of the lungs, eyes, or other mucous membranes.

Section 3 - Composition/Information on Ingredients

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS number</th>
<th>Weight Concentration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inert</td>
<td></td>
<td>60.00% - 70.00%</td>
</tr>
<tr>
<td>Aluminum Oxide</td>
<td>1344-28-1</td>
<td>5.00% - 10.00%</td>
</tr>
<tr>
<td>TITANIUM DIOXIDE</td>
<td>13463-67-7</td>
<td>5.00% - 10.00%</td>
</tr>
<tr>
<td>KAOLIN</td>
<td>1332-58-7</td>
<td>5.00% - 10.00%</td>
</tr>
<tr>
<td>TRANS RED IO</td>
<td>1309-37-1</td>
<td>1.00% - 5.00%</td>
</tr>
<tr>
<td>SILICA SAND</td>
<td>14808-60-7</td>
<td>0.00% - 0.10%</td>
</tr>
</tbody>
</table>

Section 4 - First Aid Measures

INGESTION: In case of inhalation, move to fresh air.

EYE CONTACT: Flush eyes for 15 minutes with gently running water.
SKIN CONTACT: Wash skin thoroughly with soap and water.
Ingestion: If ingested, do not induce vomiting. If conscious, drink two glasses of water. Seek medical attention if necessary.

**Section 5 - Fire Fighting Measures**

Flash Point: N/A
LEL: UEL:
Flammable Limits: This product is not flammable.
Extinguishing Media: This product is not flammable, it may actually be used as an extinguisher.
Unusual Fire and Explosion Hazards: None

**Section 6 - Accidental Release Measures**

SPILL AND LEAK PROCEDURES: Spill supervisor - Ensure cleanup personnel wear all appropriate PPE when cleaning up spills/leaks. Take care to avoid raising dust cloud, and avoid breathing dust clouds. Avoid water until final step(s) if needed.

**Section 7 - Handling and Storage**

HANDLING PRECAUTIONS: Wear all appropriate Personal Protective Equipment (PPE). Good industrial hygiene and ventilation practices should be used to reduce environmental concentrations to the permissible exposure level and approved (OSHA<NIOSH<or MSHA) respiratory protection should be used to avoid inhaling dust. Repeated inhalation of crystalline silica (or quartz dust) may cause Silicosis, a form of disabling, progressive and sometimes fatal pulmonary fibrosis characterized by the presence of typical nodulations in the lungs.

**Section 8 - Exposure Controls / Personal Protection**

<table>
<thead>
<tr>
<th>Chemical Name / CAS No.</th>
<th>OSHA Exposure Limits</th>
<th>ACGIH Exposure Limits</th>
<th>Other Exposure Limits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inert</td>
<td>Not Established</td>
<td>Not Established</td>
<td>Not Established</td>
</tr>
<tr>
<td>Aluminum Oxide 1344-28-1</td>
<td>Not Established</td>
<td>Not Established</td>
<td>Not Established</td>
</tr>
<tr>
<td>TITANIUM DIOXIDE 13463-67-7</td>
<td>OSHA PEL TWA (Total Dust) 15 mg/m3 (50 mppcf*)</td>
<td>ACGIH TLV TWA (inhalable particles) 10 mg/m3</td>
<td>Not Established</td>
</tr>
<tr>
<td>KAOLIN 1332-58-7</td>
<td>TLV Long-term value: 2* mg/m³ E; as respirable fraction</td>
<td>TLV Long-term value: 2* mg/m³ E; as respirable fraction</td>
<td>Not Established</td>
</tr>
</tbody>
</table>
Long-term exposure limit (8-hour TWA): ACGIH 5 mg/m³ respirable fraction
Long-term exposure limit (8-hour TWA): OSHA 10 mg/m³ fume
Long-term exposure limit (8-hour TWA): OSHA 15 mg/m³ total dust
Long-term exposure limit (8-hour TWA): OSHA 5 mg/m³ respirable fraction
Not Established

Engineering Controls: Under normal circumstances, expected use no additional controls are required. Maintain packaging. Use ventilation as required in enclosed or indoor use.

Protective Gear: A NIOSH N-95 dust mask if excessive dust is being generated. Proper glasses/goggles recommended, as with any powder or dusty product. Rubber gloves may be used under prolonged exposure. Existing wounds or conditions may become irritated.

Section 9 - Physical and Chemical Properties
This mixture typically exhibits the following properties under normal circumstance:

<table>
<thead>
<tr>
<th>Boiling Range 2500 to 3000 °C</th>
<th>Specific Gravity (SG) 3.400</th>
</tr>
</thead>
</table>

Section 10 - Stability and Reactivity

Stability: STABLE

Incompatibilities/Conditions to avoid: None known.

Hazardous Decomposition: May release carbon monoxide and sulfur dioxide when heated above 260°C.

Section 11 - Toxicological Information

Mixture Toxicity
Component Toxicity
13463-67-7 TITANIUM DIOXIDE
Inhalation LC50: 7 mg/L (Rat)

Primary routes of entry: Skin contact, eyes, and inhalation of fine fraction.

Carcinogenicity: IARC Monograph, Volume 42, "Evaluation of the Carcinogenic risk of chemicals to Humans, Silica and some Silicates" published in 1987 lists silica as a class 2A carcinogen. This means that in their opinion there is sufficient evidence for the carcinogenicity of crystalline silica to experimental animals and limited evidence for the carcinogenicity of crystalline silica to humans.

<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Description</th>
<th>% Weight</th>
<th>Carcinogen Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>14808-60-7</td>
<td>SILICA SAND</td>
<td>.0 to 0.1%</td>
<td>SILICA SAND:</td>
</tr>
<tr>
<td>13463-67-7</td>
<td>TITANIUM DIOXIDE</td>
<td>5 to 10%</td>
<td>TITANIUM DIOXIDE:</td>
</tr>
</tbody>
</table>
Section 12 - Ecological Information

No ecological data at this time.

Component Ecotoxicity

TITANIUM DIOXIDE

Ecotoxicity:

- Fish: LC 50 - other fish - > 1,000 mg/l - 96h
- Invertebrates: EC 50 - Daphnia magna (water flea) - > 1,000 mg/l - 48h

Persistence and degradability:

- Readily degradable in the environment.

Bioaccumulative potential: No additional information.

Mobility in soil: No additional information.

Other adverse effects: No additional information.

Section 13 - Disposal Considerations

Use non leaking containers, seal tightly and label properly. Dispose of in accordance with applicable local, county, state, and federal guidelines. Do not dispose in streams, wells, lakes, rivers, oceans, and sewers.

Section 14 - Transport Information

This material is classified for transport as follows:

<table>
<thead>
<tr>
<th>Agency</th>
<th>Proper Shipping Name</th>
<th>UN Number</th>
<th>Packing Group</th>
<th>Hazard Class</th>
</tr>
</thead>
<tbody>
<tr>
<td>DOT</td>
<td>Inorganic Oxide</td>
<td>Unregulated</td>
<td>Non Hazardous</td>
<td></td>
</tr>
<tr>
<td>IATA</td>
<td>Inorganic Oxide</td>
<td>Unregulated</td>
<td>Non Hazardous</td>
<td></td>
</tr>
<tr>
<td>ADR/RID</td>
<td>Inorganic Oxide</td>
<td>Unregulated</td>
<td>Non Hazardous</td>
<td></td>
</tr>
<tr>
<td>IMDG</td>
<td>Inorganic Oxide</td>
<td>Unregulated</td>
<td>Non Hazardous</td>
<td></td>
</tr>
</tbody>
</table>

Section 15 - Regulatory Information

Country | Regulation | All Components Listed

Section 16 - Other Information

Hazardous Material Information System (HMIS)

<table>
<thead>
<tr>
<th>HEALTH</th>
<th>FLAMMABILITY</th>
<th>PHYSICAL HAZARD</th>
<th>PERSONAL PROTECTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0</td>
<td>0</td>
<td>E</td>
</tr>
</tbody>
</table>

HMIS & NFPA Hazard Rating Legend
- * = Chronic Health Hazard
- 0 = INSIGNIFICANT
- 1 = SLIGHT
- 2 = MODERATE
- 3 = HIGH

National Fire Protection Association (NFPA)

- Flammability
- Health
- Instability
- Special

The material contained in this Safety Data Sheet is based on information supplied to Smith Paint Products by the...
raw material suppliers of the individual components of this product. Smith Paint Products believes this information is truthful and reliable. However, no warranty is expressed or implied regarding the accuracy of this information, or of any product, method or apparatus mentioned and you must make your own determination of its suitability and completeness for your own use, for the protection of the environment, and health and safety of your employees and users of this material. As more information becomes available from our vendors additional revisions will be forthcoming.

Date Prepared: 2/5/2016