Section 1 - Chemical Product and Company Information

Product Name: Color Floor Patina  Product Code: SCF-0160  
Trade Name: SCF-160 Patina  
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  

Product Use: Concentrated stain for cured concrete and may be applied over sealed surfaces (refer to application instructions). Not recommended for: Non-porous substrates (e.g. metal, resins, fiberglass) when submerged in water or exposed to severe weather conditions.

Section 2 - Hazards Identification

GHS Ratings:  
Skin corrosive 3 Reversible adverse effects in dermal tissue, Draize score: >= 1.5 < 2.3  
Respiratory sensitizer 1 Respiratory sensitizer  
Carcinogen 2 Limited evidence of human or animal carcinogenicity  

GHS Hazards  
H316 Causes mild skin irritation  
H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled  
H351 Suspected of causing cancer  

GHS Precautions  
P201 Obtain special instructions before use  
P202 Do not handle until all safety precautions have been read and understood  
P261 Avoid breathing dust/fume/gas/mist/vapours/spray  
P281 Use personal protective equipment as required  
P285 In case of inadequate ventilation wear respiratory protection  
P304+P341 IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing  
P308+P313 IF exposed or concerned: Get medical advice/attention  
P332+P313 If skin irritation occurs: Get medical advice/attention  
P342+P311 Call a POISON CENTER or doctor/physician  
P405 Store locked up  
P501 Dispose of contents/container to …  

Signal Word: Danger
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>40.00% - 50.00%</td>
</tr>
<tr>
<td>Water softened</td>
<td>7732-18-5</td>
<td>30.00% - 40.00%</td>
</tr>
<tr>
<td>TITANIUM DIOXIDE</td>
<td>13463-67-7</td>
<td>5.00% - 10.00%</td>
</tr>
<tr>
<td>2,2,4-TRIMETHYL 1,3-PENTENDIOL MONOISOBUTYRATE</td>
<td>25265-77-4</td>
<td>1.00% - 5.00%</td>
</tr>
<tr>
<td>2,2,4-TRIMETHYL 1,3-PENTENDIOL DIISPBURATE</td>
<td>6846-50-0</td>
<td>1.00% - 5.00%</td>
</tr>
<tr>
<td>SILICA AMORPHOUS</td>
<td>7631-86-9</td>
<td>1.00% - 5.00%</td>
</tr>
<tr>
<td>ALUMINUM HYDROXIDE</td>
<td>21645-51-2</td>
<td>1.00% - 5.00%</td>
</tr>
<tr>
<td>CARBON BLACK</td>
<td>1333-86-4</td>
<td>0.10% - 1.00%</td>
</tr>
</tbody>
</table>

Section 4 - First Aid Measures

INHALATION - If product solids are inhaled either as dust or in the form of a spray mist, remove the person from exposure immediately. If breathing is difficult, irregular, or has stopped, start resuscitation; call a physician. Administer oxygen if a qualified operator is available.

EYE CONTACT - In case of eye contact, flush the eyes with water for fifteen (15) minutes. If contact lenses are worn, quickly remove them, then flush the eyes with water. Have a physician examine the eyes.

SKIN CONTACT - In case of skin contact, remove contaminated clothing. Flush the skin with large amounts of water, then wash the skin with soap and water. Call a POISON CENTER or doctor/physician if you feel unwell.

INGESTION - If material is ingested, seek immediate medical attention. Rinse mouth thoroughly. Do not induce vomiting.

Notes to Physician: Symptoms may be delayed.

Section 5 - Fire Fighting Measures

Flash Point: > 100 C (>212 F)
LEL:                                  UEL:
Flammable Limits:
EXTINGUISHING MEDIA: Use carbon dioxide (CO2), "alcohol" foam, dry chemical, or water spray/water fog extinguishing systems.

UNUSUAL FIRE OR EXPLOSION HAZARDS: The product vapor is heavier than air and may travel a considerable distance to a source of ignition and flashback.

HAZARDOUS COMBUSTION PRODUCTS: See section 10 for a list of hazardous decomposition products for this mixture.

FIRE FIGHTING: If evacuation of personnel is necessary, evacuate to an upwind area. Decontaminate personnel and equipment with a water wash-down after fire and smoke exposure.

FIRE FIGHTING EQUIPMENT: Firemen and emergency responders: wear full turnout gear or Level A equipment,
including positive-pressure, self-contained breathing apparatus (SCBA).

### Section 6 - Accidental Release Measures

**SPILL AND LEAK PROCEDURES:** Spill supervisor - Ensure cleanup personnel wear all appropriate Personal Protective Equipment (PPE), including respiratory protection. Remove all ignition sources. Keep nonessential personnel away from the contaminated area.

**SMALL SPILLS:** Ventilate the contaminated area. Using nonsparking tools, mix the appropriate sorbent into the spilled material. Use an absorbent like sawdust for aqueous, waterborne, and solvent-borne coatings.

Collect the saturated sorbent and transfer it into a covered container. Steel containers are acceptable for all wastes except wastes which contain acid. Use suitable plastic containers for acid-bearing wastes.

Dispose of the waste in compliance with all Federal, state, regional, and local regulations.

**LARGE SPILLS:** Prevent this material from entering sewers and watercourses by diking or impounding the spilled material. Advise authorities if the product has entered or may enter, sewers, watercourses, or extensive land areas.

Ventilate the contaminated area. Using nonsparking tools, mix the appropriate sorbent into the spilled material. Use an absorbent like sawdust for aqueous, waterborne, and solvent-borne coatings.

Collect the saturated sorbent and transfer it into a covered container. Steel containers are acceptable for all wastes except wastes which contain acid. Use suitable plastic containers for acid-bearing wastes.

Label the waste container. Dispose of the waste in compliance with all Federal, state, regional, and local regulations.

### Section 7 - Handling and Storage

**HANDLING PRECAUTIONS:** Wear all appropriate Personal Protective Equipment (PPE). Wear respiratory protection or ensure adequate ventilation at all times as vapors can accumulate in confined or poorly ventilated areas. Use the product in a manner which minimizes splashes and/or the creation of dust. Keep containers closed when not in use.

Do not handle or store material near heat, sparks, open flames, or other sources of ignition. Store at room temperatures, i.e., 40 to 95 F (4 to 35 C).

**STORAGE:** Prevent from freezing. Do not store above 120 F (49 C).

Store only in original containers.

### 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>Water softened 7732-18-5</td>
<td>No component of this product at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.</td>
<td>No component of this product at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.</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>
</tbody>
</table>
### Section 9 - Physical and Chemical Properties

This mixture typically exhibits the following properties under normal circumstance:

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Explosive Limits</strong></td>
<td>Not Determined</td>
</tr>
<tr>
<td><strong>Decomposition temperature</strong></td>
<td>Not Determined</td>
</tr>
<tr>
<td><strong>Grams VOC less water</strong></td>
<td>44.69</td>
</tr>
<tr>
<td><strong>Odor</strong></td>
<td>Slight Amine</td>
</tr>
<tr>
<td><strong>Odor threshold</strong></td>
<td>Not Determined</td>
</tr>
<tr>
<td><strong>pH</strong></td>
<td>9.5 - 10.0</td>
</tr>
<tr>
<td><strong>Melting point</strong></td>
<td>Not Determined</td>
</tr>
<tr>
<td><strong>Solubility</strong></td>
<td>Not Determined</td>
</tr>
<tr>
<td><strong>Flash point</strong></td>
<td>&gt;212°F or &gt;100°C</td>
</tr>
<tr>
<td><strong>Flammability</strong></td>
<td>Not Applicable</td>
</tr>
<tr>
<td><strong>Partition coefficient (n-octanol/water)</strong></td>
<td>Not Determined</td>
</tr>
<tr>
<td><strong>Viscosity</strong></td>
<td>1100-1300 cPs</td>
</tr>
<tr>
<td><strong>Appearance</strong></td>
<td>Liquid</td>
</tr>
<tr>
<td><strong>Vapor Pressure</strong></td>
<td>N/A</td>
</tr>
<tr>
<td><strong>Vapor Density</strong></td>
<td>2.0</td>
</tr>
<tr>
<td><strong>Specific Density</strong></td>
<td>1.10</td>
</tr>
<tr>
<td><strong>Freezing point</strong></td>
<td>0°C</td>
</tr>
<tr>
<td><strong>Boiling range</strong></td>
<td>100°C</td>
</tr>
<tr>
<td><strong>Evaporation rate</strong></td>
<td>Not Determined</td>
</tr>
</tbody>
</table>

### Section 10 - Stability and Reactivity

**Stability:**

STABLE

**Incompatibilities/Conditions to avoid:** Elevated temperatures. Contact with oxidizing agent/oxidizers.

**Hazardous Decomposition:** Can produce Carbon Monoxide and/or Carbon Dioxide. Hazardous polymerization will not occur.

### Section 11 - Toxicological Information

**Mixture Toxicity**
Inhalation Toxicity LC50: 132mg/L

Component Toxicity

25265-77-4 2,2,4-TRIMETHYL 1,3- PENTENDIOL MONOISOBUTYRATE
Inhalation LC50: 4 mg/L (Rat)

6846-50-0 2,2,4-TRIMETHYL 1,3-PENTENDIOL DIISOBUTYRATE
Oral LD50: 2,000 mg/kg (Rat)  Dermal LD50: 2,000 mg/kg (Guinea Pig)  Inhalation LC50: 0 mg/L (Rat)

7631-86-9 SILICA AMORPHOUS
Oral LD50: 5,000 mg/kg (Rat)  Inhalation LC50: 2,000 mg/m³ (Rat)

Primary routes of entry: Inhalation, Skin contact.

Carcinogenicity: The following chemicals comprise 0.1% or more of this mixture and are listed and/or classified as carcinogens or potential carcinogens by NTP, IARC, OSHA (mandatory listing), or ACGIH (optional listing).

<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Description</th>
<th>% Weight</th>
<th>Carcinogen Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>1333-86-4</td>
<td>CARBON BLACK</td>
<td>.1 to 1.0%</td>
<td>CARBON BLACK</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

Component Ecotoxicity

Water softened Toxicity of the Products of Biodegradation: The product itself and its products of degradation are not toxic.

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.

2,2,4-TRIMETHYL 1,3-PENTENDIOL MONOISOBUTYRATE

Toxicity
Acute Toxicity
Fish
Product: No data available.

Specified substance(s)
2,2,4-trimethyl-1,3-pentanediol monoisobutyrate LC-50 (Flathead Minnow, 96h) : 33 mg/l

Aquatic invertebrates
Product No data available.

Specified substance(s)
2,2,4-trimethyl-1,3-pentanediol monoisobutyrate EC-50 (Water Flea, 48h): 147.8 mg/l

Chronic Toxicity
Fish
Product: No data available.

Specified substance(s)
2,2,4-trimethyl-1,3-pentanediol monoisobutyrate No data available

Aquatic invertebrates
Product: No data available

Specified substance(s)
2,2,4-trimethyl-1,3-pentanediol monoisobutyrate No data available

Mobility in soil: Log Koc - log koc: 1.5 - 2.8

Results of PBT and vPvB assessment:
2,2,4-trimethyl-1,3-pentanediol monoisobutyrate Not fulfilling PBT (persistent/bioaccumulative/toxic) criteria

Other adverse effects: No data available

Toxicity

Acute Toxicity

Fish
Product: NOEC: (Fish, 96h):>6mg/l (limit of solubility in fresh water)

Aquatic Invertebrates
Product: NOEC: (daphnid, 48h):>1.46 mg/l (limit of solubility in fresh water)

Chronic Toxicity

Fish
Product: No data available

Specified substance(s)
Aquatic invertebrates
Product: EC-50 (daphnid, 21 d):>1.3 mg/l (limit of solubility in fresh water)
NOEC: (daphnid, 21 d): 0.7 mg/l

Toxicity to Aquatic Plants
Product: EC-50 (Alga, 72 h):> 7.49 mg/l (limit of solubility in fresh water)

Persistence and degradability

Biodegradation
Product: 70.73% (28 d, Ready Biodegradability: CO2 Evolution Test)
Readily biodegradable, failing 10-d window

Biological Oxygen Demand:
Product: BOD-5 and BOD-20 were not determined because the aqueous solubility of the test article was below that which is required for these tests.

Chemical Oxygen Demand:
Product: No data available

BOD/COD ratio
Product: No data available
Specified substance(s)

Bioaccumulative potential
Product: Fish, Bioconcentration factor (BCF): 1.95 (Measured)
Fish, Bioconcentration factor (BCF): 183 - 194 (Measured)

Mobility in soil: No data available.

Known or predicted distribution to environmental compartments

Results of PBT and vPvB Not fulfilling PBT (persistent/bioaccumulative/toxic) criteria assessment:

Other adverse effects: No data available.

SILICA AMORPHOUS
Fish Toxicity LC0 (96h) (static) 10000 mg/l (zebra fish) (OECD 203)
Water Flea Toxicity EC50 (24H) 1000 mg/l (Daphnia magna) (OECD 202)
Algae Toxicity EC50 (72h) 10000 mg/l (Scenedesmus subspicatus) (OECD 201)

CARBON BLACK
Toxicity
EC50 Daphnia 1 5600 mg/l (Exposure time: 24 h - Species: Daphnia magna)

Section 13 - Disposal Considerations

Dispose in accordance with all applicable regulations.

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>Water Based Paint</td>
<td>Unregulated</td>
<td></td>
<td>Non Hazardous</td>
</tr>
</tbody>
</table>

Section 15 - Regulatory Information

This product contains the following chemicals which are listed by the State of California as carcinogenic or a reproductive toxin:
13463-67-7 TITANIUM DIOXIDE Carcinogen
1333-86-4 CARBON BLACK Carcinogen

R2K List
13463-67-7 TITANIUM DIOXIDE
1333-86-4 CARBON BLACK

Section 16 - Other Information

Hazardous Material Information System (HMIS) National Fire Protection Association (NFPA)

SDS for: SCF-0160 Printed: 10/7/2015 at 11:12:25AM
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: 10/7/2015