Section 1 - Chemical Product and Company Information

Product Name: Color Floor Desert Sand    Product Code: SCF-0250
Trade Name: SCF-0250 Desert Sand

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>50.00% - 60.00%</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 DIISPUBYRATE</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>
</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>
<tr>
<td>2,2,4-TRIMETHYL 1,3-PENTENDIOL MONOISOBUTYRATE 25265-77-4</td>
<td>No component of this product present 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 present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.</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>Explosive Limits</td>
<td>Not Determined</td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>Not Determined</td>
</tr>
<tr>
<td>Grams VOC less water:</td>
<td>44.54</td>
</tr>
<tr>
<td>Odor</td>
<td>Slight Amine</td>
</tr>
<tr>
<td>Odor threshold</td>
<td>Not Determined</td>
</tr>
<tr>
<td>pH</td>
<td>9.5 - 10.0</td>
</tr>
<tr>
<td>Melting point</td>
<td>Not Determined</td>
</tr>
<tr>
<td>Solubility</td>
<td>Not Determined</td>
</tr>
<tr>
<td>Flash point</td>
<td>&gt;212°F or &gt;100°C</td>
</tr>
<tr>
<td>Flammability</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Partition coefficient (n-octanol/water):</td>
<td>1100-1300 cPs</td>
</tr>
<tr>
<td>Viscosity</td>
<td>Liquid</td>
</tr>
<tr>
<td>Appearance</td>
<td>N/A</td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>N/A</td>
</tr>
<tr>
<td>Vapor Density</td>
<td>2.0</td>
</tr>
<tr>
<td>Specific Density</td>
<td>1.10</td>
</tr>
<tr>
<td>Freezing point</td>
<td>0°C</td>
</tr>
<tr>
<td>Boiling range</td>
<td>100°C</td>
</tr>
<tr>
<td>Evaporation rate</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: 131mg/L

Component Toxicity

<table>
<thead>
<tr>
<th>Component</th>
<th>Toxicity Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>2,2,4-TRIMETHYL 1,3-PENTENDIOL MONOISOBUTYRATE 6846-50-0</td>
<td>Inhalation LC50: 4 mg/L (Rat)</td>
</tr>
<tr>
<td>2,2,4-TRIMETHYL 1,3-PENTENDIOL DIISPBURYRATE 6846-50-0</td>
<td>Oral LD50: 2,000 mg/kg (Rat) Dermal LD50: 2,000 mg/kg (Guinea Pig) Inhalation LC50: 0 mg/L (Rat)</td>
</tr>
<tr>
<td>SILICA AMORPHOUS 7631-86-9</td>
<td>Not Established</td>
</tr>
</tbody>
</table>
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>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

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-PENTENEDIOL 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  No data available.
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)

### 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>Non Hazardous</td>
<td></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

R2K List

- 13463-67-7 TITANIUM DIOXIDE

### 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>1</td>
<td>0</td>
<td>H</td>
</tr>
</tbody>
</table>

HMIS & NFPA Hazard Rating

Legend

* = Chronic Health Hazard

0 = INSIGNIFICANT

1 = SLIGHT

2 = MODERATE

3 = HIGH

<table>
<thead>
<tr>
<th>Flammability</th>
<th>Health</th>
<th>Instability</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

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