Section 1 - Chemical Product and Company Information

Product Name: Smith's Royal Seal 400 High Gloss & Low Sheen  
Product Code: SCS-RS400

Trade Name: Smith's Royal Seal 400 High Gloss & Low Sheen

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: Applied as a film forming protective coat to increase the durability and longevity of Smith's Color Floor, Color Wall and Accents
Not recommended for: Pre-sealed and/or nonporous surfaces including, but not limited to ceramic and porcelain tile.

Section 2 - Hazards Identification

GHS Ratings:

<table>
<thead>
<tr>
<th>Category</th>
<th>Rating</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flammable liquid</td>
<td>2</td>
<td>Flash point &lt; 23°C and initial boiling point &gt; 35°C (95°F)</td>
</tr>
<tr>
<td>Oral Toxicity</td>
<td>Acute Tox. 4</td>
<td>Oral&gt;300+&lt;=2000mg/kg</td>
</tr>
<tr>
<td>Dermal Toxicity</td>
<td>Acute Tox. 4</td>
<td>Dermal&gt;1000+&lt;=2000mg/kg</td>
</tr>
<tr>
<td>Inhalation Toxicity</td>
<td>Acute Tox. 4</td>
<td>Gases&gt;2500+&lt;=5000ppm, Vapors&gt;10+&lt;=20mg/l, Dusts&amp;mists&gt;1+&lt;=5mg/l</td>
</tr>
<tr>
<td>Eye corrosive</td>
<td>2A</td>
<td>Eye irritant: Subcategory 2A, Reversible in 21 days</td>
</tr>
<tr>
<td>Carcinogen</td>
<td>2</td>
<td>Limited evidence of human or animal carcinogenicity</td>
</tr>
<tr>
<td>Organ toxin single exposure</td>
<td>3</td>
<td>Transient target organ effects- Narcotic effects- Respiratory tract irritation</td>
</tr>
<tr>
<td>Aquatic toxicity</td>
<td>A2</td>
<td>Acute toxicity &gt; 1.00 but &lt;= 10.0 mg/l</td>
</tr>
</tbody>
</table>

GHS Hazards

- H205: May mass explode in fire
- H303: May be harmful if swallowed
- H313: May be harmful in contact with skin
- H319: Causes serious eye irritation
- H333: May be harmful if inhaled
- H336: May cause drowsiness or dizziness
- H351: Suspected of causing cancer
- H401: Toxic to aquatic life

GHS Precautions

- P210: Keep away from heat/sparks/open flames/hot surfaces – No smoking
- P233: Keep container tightly closed
- P260: Do not breathe dust/fume/gas/mist/vapours/spray
- P264: Wash … thoroughly after handling
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>tert-Butyl acetate</td>
<td>540-88-5</td>
<td>50.00% - 60.00%</td>
</tr>
<tr>
<td>Inert</td>
<td></td>
<td>30.00% - 40.00%</td>
</tr>
<tr>
<td>Glycol Ether</td>
<td>Proprietary</td>
<td>1.00% - 5.00%</td>
</tr>
<tr>
<td>Naphthalene</td>
<td>91-20-3</td>
<td>0.10% - 1.00%</td>
</tr>
</tbody>
</table>

Section 4 - First Aid Measures

**Inhalation:** Move to fresh air and provide oxygen if breathing is difficult. Seek medical attention.

**Eye Contact:** Flush with a gentle but large stream of clean water for 15 minutes, lifting the lower and upper eyelids occasionally. Remove contact lenses if able. Call a physician if irritation persists.

**Skin Contact:** Clean material from skin with acetone, then wash with soap and water followed by moisturizer. If irritation persists, contact a physician.

**Ingestion:** DO NOT INDUCE VOMITING. Give large quantities of water. Do not give milk or alcoholic beverages. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs. Get medical attention immediately.

Section 5 - Fire Fighting Measures

**Flash Point:** 4 C (39 F)

**LEL:** 1.00 **UEL:** 7.00

**Suitable Extinguishing Media:** Dry chemical, C02, alcohol-resistant foam.

**Unsuitable Extinguishing Media:** High-volume water jet.

**Fire Fighting Procedures:** Evacuate area and fight fire from a distance. Cool containers exposed to fire with...
water. Vapors are heavier than air and may travel along the ground to distant ignition sources. Do not allow runoff from firefighting to enter drains or water sources.

**Fire Equipment:** Firefighters should wear NIOSH approved self-contained breathing apparatus.

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### Section 6 - Accidental Release Measures

**Spill/Leak Procedures:** No health affects expected from the clean-up of the material if contact can be avoided. Ventilate the contaminated area. Prevent the spread of spilled material by using a suitable absorbent material or sand dam.

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### Section 7 - Handling and Storage

**Handling Precautions:** Always use good industrial hygiene practices and safety guidelines.

**Storage Requirements:** Store material in its original container. Keep containers tightly closed when not in use. Keep material away from open flames, sparks, or other sources of heat and ignition.

**Special Precautions:** Use proper bonding/grounding techniques to avoid static buildup/discharge, which can ignite vapors. Empty containers may contain explosive levels of vapor. Do not cut, drill, or weld on or near the containers.

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### 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>tert-Butyl acetate 540-88-5</td>
<td>TWA: 200 ppm 8 hours.</td>
<td>TWA: 200 ppm 8 hours.</td>
<td>Not Established</td>
</tr>
<tr>
<td></td>
<td>TWA: 950 mg/m³ 8 hours.</td>
<td>TWA: 950 mg/m³ 8 hours.</td>
<td></td>
</tr>
<tr>
<td>Inert</td>
<td>Not Established</td>
<td>Not Established</td>
<td>Not Established</td>
</tr>
<tr>
<td>Glycol Ether Proprietary</td>
<td>Not Established</td>
<td>Not Established</td>
<td>Not Established</td>
</tr>
<tr>
<td>Naphthalene 91-20-3</td>
<td>(Vacated) TWA: 10 ppm</td>
<td>TWA: 10 ppm Skin</td>
<td>Not Established</td>
</tr>
<tr>
<td></td>
<td>(Vacated) TWA: 50 mg/m³</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>(Vacated) STEL: 15 ppm</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>(Vacated) STEL: 75 mg/m³</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>TWA: 10 ppm</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>TWA: 50 mg/m³</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Ventilation:** Provide adequate mechanical ventilation to keep exposure levels below TLV’s.

**Work/Hygienic Practices:** Use only in adequately-ventilated area unless recommended respiratory protection is used. Wash thoroughly with soap and water after handling and before eating, smoking, or using washroom.

**Protective Gear:** Wear impervious chemical gloves, chemical safety glasses, NIOSH approved organic vapor respirator when exposure levels can not be kept below limits.

**Contaminated Gear:** If clothes become contaminated, change to clean clothes and wash contaminated clothes before re-use.

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### Section 9 - Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Explosive Limits: 1.0-6.8</th>
<th>Partition coefficient (n-octanol/water): No Data Available</th>
</tr>
</thead>
<tbody>
<tr>
<td>Autoignition temperature: 850°F</td>
<td>Decomposition temperature: No Data Available</td>
</tr>
<tr>
<td>Viscosity: 18-20 centipoise</td>
<td>Appearance: Liquid</td>
</tr>
</tbody>
</table>

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Odor: Camphor-like
Odor threshold: 71 ppb
pH: None
Melting point: <-70°F
Solubility: No Data Available
Flash point: 40°F
Flammability: No Data Available

Vapor Pressure: 55 hPa at 20°C
Vapor Density: No Data Available
Density: 0.87 g/cc
Freezing point: <-70°F
Boiling range: 208°F
Evaporation rate: 3.2 (butyl acetate = 1)

Section 10 - Stability and Reactivity

STABLE
Hazardous Decomposition: Carbon monoxide and carbon dioxide.
Hazardous polymerization will not occur.

Section 11 - Toxicological Information

Mixture Toxicity
Oral Toxicity LD50: 4,587mg/kg
Dermal Toxicity LD50: 2,632mg/kg
Inhalation Toxicity LC50: 20mg/L

Component Toxicity
540-88-5 tert-Butyl acetate
Oral LD50: 4,100 mg/kg (Rat)
91-20-3 Naphthalene
Oral LD50: 490 mg/kg (Rat) Inhalation LC50: 340 mg/m3 (Rat)

Routes Of Entry: Inhalation, Ingestion, eyes, and skin.

CAS Number     Description     % Weight     Carcinogen Rating
91-20-3          Naphthalene     .1 to 1.0%     Naphthalene:

Section 12 - Ecological Information

Component Ecotoxicity
tert-Butyl acetate
Acute LC50 327000 µg/l Fresh water
Toxicity to fish LC50 - Oncorhynchus mykiss (rainbow trout) - 0.9 - 9.8 mg/l - 96.0 h
LC50 - Pimephales promelas (fathead minnow) - 1 - 6.5 mg/l - 96.0 h
NOEC - other fish - 1.8 mg/l - 3.0 d
LOEC - other fish - 3.2 mg/l - 3.0 d

Naphthalene
Toxicity to daphnia LC50 - Daphnia magna (Water flea) - 1.00 - 3.40 mg/l - 48 h
Toxicity to algae EC50 - No information available. - 33.00 mg/l - 24 h
Bioaccumulation
Fish Bioconcentration factor (BCF): 427 - 1,158

Other adverse effects
An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.
Very toxic to aquatic life with long lasting effects.

Section 13 Disposal

Waste Disposal Method: Liquid material is an ignitable waste. Dispose of material in accordance with federal, state, and local guidelines.

Section 14 - Transport Information

<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>Paint Related Materials</td>
<td>UN1263</td>
<td>II</td>
<td>3</td>
</tr>
<tr>
<td>IATA</td>
<td>Paint Related Materials</td>
<td>UN1263</td>
<td>II</td>
<td>3</td>
</tr>
<tr>
<td>ADR/RID</td>
<td>Paint Related Materials</td>
<td>UN1263</td>
<td>II</td>
<td>3</td>
</tr>
<tr>
<td>IMDG</td>
<td>Paint Related Materials</td>
<td>UN1263</td>
<td>II</td>
<td>3</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:
91-20-3 Naphthalene Carcinogen

R2K List
Proprietary Glycol Ether
91-20-3 Naphthalene

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>0</td>
<td>0</td>
<td>0</td>
<td></td>
</tr>
</tbody>
</table>

HMIS & NFPA Hazard Rating Legend
* = Chronic Health Hazard
0 = INSENSIGNIFICANT
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: 1/8/2016