



## Safety Data Sheet

### 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:

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

#### 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

P271	Use only outdoors or in a well-ventilated area
P281	Use personal protective equipment as required
P301+P330+P331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting
P303+P361+P353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing . Rinse skin with water/shower
P304+P340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
P305+P351+P338	IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing
P333+P313	If skin irritation or a rash occurs: Get medical advice/attention
P370+P378	In case of fire: Use ... for extinction
P403+P233	Store in a well ventilated place. Keep container tightly closed
P501	Dispose of contents/container to ...

Signal Word: Danger



### Section 3 - Composition / Information on Ingredients

Chemical Name	CAS number	Weight Concentration %
tert-Butyl acetate	540-88-5	50.00% - 60.00%
	Inert	30.00% - 40.00%
Glycol Ether	Proprietary	1.00% - 5.00%
Naphthalene	91-20-3	0.10% - 1.00%

### 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, CO2, 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.

**Section 6 - Accidental Release Measures**

**Spill/Leak Procedures:** No health effects 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.

**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.

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

Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
tert-Butyl acetate 540-88-5	TWA: 200 ppm 8 hours. TWA: 950 mg/m <sup>3</sup> 8 hours.	TWA: 200 ppm 8 hours. TWA: 950 mg/m <sup>3</sup> 8 hours.	Not Established
Inert	Not Established	Not Established	Not Established
Glycol Ether Proprietary	Not Established	Not Established	Not Established
Naphthalene 91-20-3	(Vacated) TWA: 10 ppm (Vacated) TWA: 50 mg/m <sup>3</sup> (Vacated) STEL: 15 ppm (Vacated) STEL: 75 mg/m <sup>3</sup> TWA: 10 ppm TWA: 50 mg/m <sup>3</sup>	TWA: 10 ppm Skin	Not Established

**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.

**Section 9 - Physical and Chemical Properties**

<p><b>Explosive Limits:</b> 1.0-6.8</p> <p><b>Autoignition temperature:</b> 850°F</p> <p><b>Viscosity:</b> 18-20 centipoise</p>	<p><b>Partition coefficient (n- No Data Available octanol/water):</b></p> <p><b>Decomposition temperature:</b> No Data Available</p> <p><b>Appearance:</b> Liquid</p>
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<p><b>Odor:</b> Camphor-like</p> <p><b>Odor threshold:</b> 71 ppb</p> <p><b>pH:</b> None</p> <p><b>Melting point:</b> &lt;-70°F</p> <p><b>Solubility:</b> No Data Available</p> <p><b>Flash point:</b> 40°F</p> <p><b>Flammability:</b> No Data Available</p>	<p><b>Vapor Pressure:</b> 55 hPa at 20°C</p> <p><b>Vapor Density:</b> No Data Available</p> <p><b>Density:</b> 0.87 g/cc</p> <p><b>Freezing point:</b> &lt;-70°F</p> <p><b>Boiling range:</b> 208°F</p> <p><b>Evaporation rate:</b> 3.2 (butyl acetate = 1)</p>
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## Section 10 - Stability and Reactivity

STABLE

**Incompatibilities:** Strong oxidizers. Prevent vapor accumulation. Avoid heat and flames.

**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

91-20-3

Description

Naphthalene

% Weight

.1 to 1.0%

Carcinogen Rating

Naphthalene:

## Section 12 - Ecological Information

**Component Ecotoxicity**

tert-Butyl acetate

Acute LC50 327000 µg/l Fresh water Fish - Pimephales promelas 96 hours

Naphthalene

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

Toxicity to daphnia and other aquatic invertebrates

EC50 - 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.

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### 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

<u>Agency</u>	<u>Proper Shipping Name</u>	<u>UN Number</u>	<u>Packing Group</u>	<u>Hazard Class</u>
DOT	Paint Related Materials	UN1263	II	3
IATA	Paint Related Materials	UN1263	II	3
ADR/RID	Paint Related Materials	UN1263	II	3
IMDG	Paint Related Materials	UN1263	II	3

### Section 15 - Regulatory Information

**State of California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65):** WARNING! 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)

<b>HEALTH</b>	<input type="text" value="0"/>
<b>FLAMMABILITY</b>	<input type="text" value="0"/>
<b>PHYSICAL HAZARD</b>	<input type="text" value="0"/>
<b>PERSONAL PROTECTION</b>	<input type="text"/>

#### HMIS & NFPA Hazard Rating

#### Legend

\* = Chronic Health Hazard

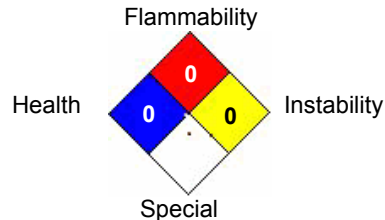
0 = INSIGNIFICANT

1 = SLIGHT

2 = MODERATE

3 = HIGH

#### National Fire Protection Association (NFPA)



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