



Safety Data Sheet

Section 1 - Chemical Product and Company Information

Product Name: Smith's Royal Seal II High Gloss & Low Sheen Product Code: SCS-RS100

Trade Name: Smith's Royal Seal II 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)
Skin corrosive	3	Reversible adverse effects in dermal tissue, Draize score: >= 1.5 < 2.3
Eye corrosive	2A	Eye irritant: Subcategory 2A, Reversible in 21 days
Aquatic toxicity	A3	Acute toxicity <= 10.0 but < 100 mg/l

GHS Hazards

H225	Highly flammable liquid and vapour
H316	Causes mild skin irritation
H319	Causes serious eye irritation
H402	Harmful 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
P311	Call a POISON CENTER or doctor/physician
P362	Take off contaminated clothing and wash before reuse
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician
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

P332+P313

lenses if present and easy to do – continue rinsing

P370+P378

If skin irritation occurs: Get medical advice/attention

P403+P233

In case of fire: Use ... for extinction

P403+P235

Store in a well ventilated place. Keep container tightly closed

P501

Store in a well ventilated place. Keep cool

Dispose of contents/container to ...

Signal Word: Danger



Section 3 - Composition / Information on Ingredients

Chemical Name	CAS number	Weight Concentration %
DIMETHYLKETONE; 2-PROPANONE	67-64-1	30.00% - 40.00%
PARACHLOROBENZOTRIFLUORIDE	98-56-6	30.00% - 40.00%
	Inert	20.00% - 30.00%
Glycol Ether	Proprietary	1.00% - 5.00%

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: -18 C (0 F)

LEL: 1.00

UEL: 13.00

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
DIMETHYLKETONE; 2-PROPANONE 67-64-1	Not Established	Not Established	Not Established
PARACHLOROBENZOTRIFLUORIDE 98-56-6	None established	None established.	Not Established
Inert	Not Established	Not Established	Not Established
Glycol Ether Proprietary	Not Established	Not Established	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 style="text-align: center;">Explosive Limits: 0.9 - 12.8</p> <p style="text-align: center;">Autoignition temperature: 1004°F</p> <p style="text-align: center;">Viscosity: 18-20 cPs</p> <p style="text-align: center;">Odor: Characteristic ketone</p> <p style="text-align: center;">Odor threshold: 13 ppm</p> <p style="text-align: center;">pH: None</p> <p style="text-align: center;">Melting point: -138°F</p> <p style="text-align: center;">Solubility: 36.8% w/w in water</p> <p style="text-align: center;">Flash point: 0°F</p>	<p style="text-align: center;">Partition coefficient (n-octanol/water): No Data Available</p> <p style="text-align: center;">Decomposition temperature: No Data Available</p> <p style="text-align: center;">Appearance: Liquid</p> <p style="text-align: center;">Vapor Pressure: 24.7 kPa at 20°C</p> <p style="text-align: center;">Vapor Density: 2.0</p> <p style="text-align: center;">Relative Density: 1.02 g/cc</p> <p style="text-align: center;">Freezing point: -138°F</p> <p style="text-align: center;">Boiling Point: 133.5°F</p> <p style="text-align: center;">Evaporation rate: 14.4 (butyl acetate = 1)</p>
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Flammability: Flammable Liquid

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 occur.

Section 11 - Toxicological Information

Mixture Toxicity

Inhalation Toxicity LC50: 561mg/L

Component Toxicity

98-56-6

PARACHLOROBENZOTRIFLUORIDE

Dermal LD50: 3,300 mg/kg (Rabbit) Inhalation LC50: 33 mg/L (Rat)

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

CAS Number

Description

% Weight

Carcinogen Rating

None

No Data Available

Section 12 - Ecological Information

Component Ecotoxicity

DIMETHYLKETONE; 2-
PROPANONE

No Information available.

PARACHLOROBENZOTRIFLUORI
DE

Ecotoxicity

Toxicity to fish LC 50 (Danio rerio (zebra fish)): 3 mg/l

Exposure time: 96 h

Test Type: semi-static test

Method: OECD Test Guideline 203

GLP: yes

Toxicity to IC 50 (Daphnia magna (Water flea)): 2 mg/l

daphnia and Exposure time: 48 h

other aquatic Test Type: semi-static test

invertebrates Method: OECD Test Guideline 202

GLP: yes

Toxicity to algae EC50 (Pseudokirchneriella subcapitata): > 0.41 mg/l

End point: Growth rate

Exposure time: 72 h

Test Type: static test

Method: OECD Test Guideline 201

GLP: yes

Remarks: No data available

M-Factor (acute 1

aquatic toxicity)

Ecotoxicology

Assessment Acute

aquatic toxicity Very toxic to aquatic life .

Chronic aquatic toxicity Very toxic to aquatic life with long lasting effects.
 Persistence and degradability
 Biodegradability aerobic
 Inoculum: Activated sludge, domestic, non-adapted
 Result: Not readily biodegradable.
 Biodegradation: 19.2 %
 Exposure time: 28d
 Method: OECD Test Guideline 301D
 GLP: yes

Bioaccumulative Potential
 Partition coefficient: Pow: 5,030 (25°C)
 n-octanol/water log Pow: 3.7 (25°C)
 Product:

Regulation 40 CFR Protection of Environment; Part 82 Protection of Stratospheric Ozone - CAA Section 602 Class I Substances
 Remarks This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S.
 Clean Air Act Section 602 (40 CFR 82, Subpt. A, App. A+B).

Additional ecological information 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

<u>Agency</u>	<u>Proper Shipping Name</u>	<u>UN Number</u>	<u>Packing Group</u>	<u>Hazard Class</u>
DOT	Paint Related Material	UN1263	II	3
IATA	Paint Related Material	UN1263	II	3
ADR/RID	Paint Related Material	UN1263	II	3
IMDG	Paint Related Material	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:
 - None

R2K List
 Proprietary Glycol Ether

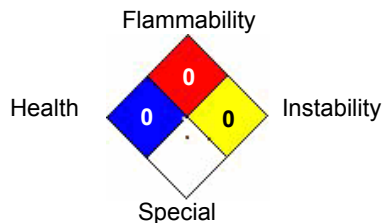
Section 16 - Other Information

Hazardous Material Information System (HMIS)

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

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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Date Prepared: 1/8/2016