



Safety Data Sheet

Section 1 - Chemical Product and Company Information

Product Name: Smith's Royal Seal 700 High Gloss & Low Sheen Product Code: SCS-RS700

Trade Name: Smith's Royal Seal 700 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	3	Flash point $\geq 23^{\circ}\text{C}$ and $\leq 60^{\circ}\text{C}$ (140°F)
Inhalation Toxicity	Acute Tox. 2	Gases >100 and ≤ 500 ppm, Vapors >0.5 and ≤ 2 mg/l, Dusts & mists >0.05 and ≤ 0.5 mg/l
Skin corrosive	2	Reversible adverse effects in dermal tissue, Draize score: ≥ 2.3 < 4.0 or persistent inflammation
Eye corrosive	2A	Eye irritant: Subcategory 2A, Reversible in 21 days
Mutagen	1B	Known to produce heritable mutations in human cells Subcategory 1B, Positive results: In vivo heritable germ cell tests in mammals, Human germ cell tests, In vivo somatic mutagenicity tests, combined with some evidence of germ cell mutagenicity
Carcinogen	2	Limited evidence of human or animal carcinogenicity
Reproductive toxin	1B	Presumed, Based on experimental animals
Organ toxin single exposure	3	Transient target organ effects- Narcotic effects- Respiratory tract irritation
Organ toxin repeated exposure	2	Presumed to be harmful to human health- Animal studies with significant toxic effects relevant to humans at generally moderate exposure (guidance)- Human evidence in exceptional cases
Aspiration hazard	1	Aspiration Toxicity Category 1: Known (regarded)- human evidence - hydrocarbons with kinematic viscosity ≥ 20.5 mm ² /s at 40° C.
Aquatic toxicity	A2	Acute toxicity > 1.00 but ≤ 10.0 mg/l

GHS Hazards

H226 Flammable liquid and vapour

H304	May be fatal if swallowed and enters airways
H315	Causes skin irritation
H319	Causes serious eye irritation
H331	Toxic if inhaled
H335	May cause respiratory irritation
H336	May cause drowsiness or dizziness
H340	May cause genetic defects
H351	Suspected of causing cancer
H360	May damage fertility or the unborn child
H373	May cause damage to organs through prolonged or repeated exposure
H401	Toxic to aquatic life

GHS Precautions

P210	Keep away from heat/sparks/open flames/hot surfaces – No smoking
P233	Keep container tightly closed
P240	Ground/bond container and receiving equipment
P241	Use explosion-proof electrical/ventilating/light/.../equipment
P242	Use only non-sparking tools
P243	Take precautionary measures against static discharge
P260	Do not breathe dust/fume/gas/mist/vapours/spray
P261	Avoid breathing 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+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
P332+P313	If skin irritation 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
P403+P235	Store in a well ventilated place. Keep cool
P501	Dispose of in accordance with all applicable local, state and federal regulations.

Signal Word: Danger



Section 3 - Composition / Information on Ingredients

Chemical Name	CAS number	Weight Concentration %
SOLVENT NAPHTHA	64742-95-6	30.00% - 40.00%
Benzene, Trimethyl	25551-13-7	20.00% - 30.00%
	Inert	10.00% - 20.00%
1,2,4-Trimethylbenzene	95-63-6	10.00% - 20.00%
Cumene	98-82-8	1.00% - 5.00%

Xylene isomers	1330-20-7	1.00% - 5.00%
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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: 41 C (106 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
SOLVENT NAPHTHA 64742-95-6	Not Established	Not Established	Not Established
Benzene, Trimethyl 25551-13-7	Not Established	Not Established	Not Established

Inert	Not Established	Not Established	Not Established
1,2,4-Trimethylbenzene 95-63-6	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.	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.	Not Established
Cumene 98-82-8	TWA 50 ppm	TWA 50 ppm	Not Established
Xylene isomers 1330-20-7	No ingredient of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.	No ingredient of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.	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>Explosive Limits: 1.0 - 7.0</p> <p>Autoignition temperature: 462°C</p> <p>Viscosity: 100 cPs</p> <p>Odor: Aromatic hydrocarbon</p> <p>Odor threshold: 0.07 ppm</p> <p>pH: None</p> <p>Melting point: -76°F</p> <p>Solubility: <1% w/w in water</p> <p>Flash point: 106°F</p> <p>Flammability: Flammable Liquid</p>	<p>Partition coefficient (n- No Data Available octanol/water):</p> <p>Decomposition temperature: No Data Available</p> <p>Appearance: Liquid</p> <p>Vapor Pressure: 2.5 mm of Hg at 20°C</p> <p>Vapor Density: 4.3</p> <p>Relative Density: 0.93 g/cc</p> <p>Freezing point: -76°F</p> <p>Boiling point: 154°F</p> <p>Evaporation rate: 0.15 (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

Inhalation Toxicity LC50: 6mg/L

Component Toxicity

64742-95-6	SOLVENT NAPHTHA Oral LD50: 3,492 mg/kg (Rat) Dermal LD50: 3,160 mg/kg (Rabbit)
98-82-8	Cumene Oral LD50: 3 mg/kg (Rat)

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

<u>CAS Number</u>	<u>Description</u>	<u>% Weight</u>	<u>Carcinogen Rating</u>
64742-95-6	SOLVENT NAPHTHA	30 to 40%	SOLVENT NAPHTHA:
98-82-8	Cumene	1 to 5%	Cumene:

Section 12 - Ecological Information
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Component Ecotoxicity

SOLVENT NAPHTHA

Expected to be toxic to aquatic organisms. May cause long-term adverse effects in the aquatic environment.

Highly volatile, will partition rapidly to air. Not expected to partition to sediment and wastewater solids.

Expected to be readily biodegradable.

Transformation due to hydrolysis not expected to be significant

Transformation due to photolysis not expected to be significant

Expected to degrade rapidly in air.

1,2,4-Trimethylbenzene

Toxicity to fish flow-through test LC50 - Pimephales promelas (fathead minnow) - 7.72 mg/l - 96.0 h

Toxicity to daphnia and other aquatic invertebrates static test EC50 - Daphnia magna (Water flea) - 3.6 mg/l - 48 h (OECD Test Guideline 202)

Cumene

Cumene EC50 Water flea (Daphnia magna): 7.9 - 14.1 mg/l 48 hours
LC50 Rainbow trout: 2.7 mg/l 96 hours

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

For Domestic (US) Ground Transport: Non-Regulated Material in <119-gallon containers.

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

98-82-8 Cumene

R2K List

95-63-6 1,2,4-Trimethylbenzene

98-82-8 Cumene

1330-20-7 Xylene isomers

Section 16 - Other Information

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.

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