

SMITH'S ROYAL SEAL II RS-100 – HIGH GLOSS

Section I - MSDS General Information

Company:

Smith Paint Products
2200 Paxton Street
Harrisburg, PA 17111
(717) 233-8781

24 hour emergency contact:
Chemtrec (800) 424-9300

Product Information:

Class: Solvent Based Acrylic
Type: Clear Sealer

D.O.T. Shipping Information:

Shipping Name: Paint – Paint
Hazard Class: Flammable Liquid Class 3
Labels Required: UN1263
Packaging Group: PGII

**Hazardous Material
Identification System**

Health: 2
Flammability: 4
Reactivity: 0
Personal Protection: G

Section II - Fire and Explosive Hazard Data

Flash Point: 0° F

UEL: 12.8

LEL: 1.1

Extinguishing Media: Dry Chemical, foam, water fog and/or Carbon Dioxide.

Special Fire Fighting Procedures: Wear self-contained breathing apparatus with a full-face piece operated in positive pressure mode and full protective clothing. Water may be used to cool closed containers to prevent pressure build up and possible auto ignition or explosion when exposed to extreme heat.

Unusual Fire and Explosion Hazard: Keep containers tightly closed. Isolate from heat, sparks, electrical equipment and open flame. This material may produce a floating fire hazard since the vapors may travel or be moved by air currents and be ignited. Closed containers may explode when exposed to extreme heat. Application to hot surfaces requires special precautions. During emergency conditions, overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.

Dangerous Decomposition Products: Carbon dioxide, carbon monoxide, nitrogen oxides, partly oxidized hydrocarbon fragments.

Section III - Health and Hazard Data

Primary Routs of Entry: Inhalation, skin contact, and eye contact.

Effects of Over Exposure:

Inhalation: Nasal and respiratory irritation, dizziness, drowsiness, weakness, fatigue, confusion, nausea, headache, vertigo, possible unconsciousness, even asphyxiation. Remove to fresh air. Give artificial respiration if not breathing. If breathing is difficult, qualified personnel may give oxygen. Obtain medical attention.

Skin Contact: Brief contact may cause slight irritation with itching and local redness. Prolonged contact may cause more severe irritation, with discomfort or pain, local redness and swelling, and possible tissue destruction.

Eye Contact: Irritation of eyes.

Ingestion: Amounts ingested incidental to consumer and industrial handling are not likely to cause injury; however, ingestion of large amounts could cause serious injury. Seek medical attention.

Emergency and First Aid Procedures:

Inhalation: Move victim to fresh air at once. Administer oxygen or artificial respiration if needed. Seek medical attention.

Skin Contact: Wash off quickly with plenty of water, then soap and water; remove contaminated clothing. Wash contaminated clothing before reuse.

Eye Contact: Immediately flush eyes with large amount of water for at least 15 minutes, occasionally lifting upper and lower lids. Get medical attention immediately.

Ingestion: If swallowed, obtain medical treatment immediately.

Medical Conditions Aggravated By Exposure: This product is not expected to aggravate existing medical conditions.

Section IV - Reactivity Data

Hazardous Polymerization: Will not occur.

Conditions To Avoid: Contact with oxidizing agent.

Hazardous Decomposition Products: Can produce carbon monoxide, carbon dioxide, nitrogen oxides, partly oxidized hydrocarbon fragments.

Incompatibility: Oxidizers.

Stability: Stable.

Section V - Spill or Leak Procedures

Material Released or Spilled: Ventilate area. Spills may be collected with absorbent material. Do not allow material to contaminate environment.

Waste Disposal: Dispose in accordance with all applicable regulations. Avoid discharge into natural waters.

Section VI - Special Protection Information

Personal Protective Equipment: No precautionary health measures should be needed when product is used under normal conditions.

Respiratory Protection: Control environmental concentrations below applicable standards. Where respiratory protection is required, use only NIOSH/MSHA approved respirators in accordance with OSHA Standard 29 CFR1910.134.

Ventilation: Provide dilute ventilation or local exhaust to prevent build-up of vapors.

Protective Gloves: Minimize skin contact. Usual hand protection for paint application - if repeated contact Nitrile gloves

Eye Protection: Minimize eye contact. Safety glasses, chemical goggles, splash guards or side shields or face shields

Other Protective Clothing or Equipment: Chemical apron, eye bath, safety shower.

Section VII - Special Precautions

Handling and Storage: Store below 100 ° F. Keep from freezing. Small spills can be flushed with large amounts of water; larger spills should be collected for disposal.

Other Precautions: Use only with adequate ventilation. Do not take internally. Keep out of reach of children. Avoid contact with skin and eyes. Keep containers closed and upright when not in use.

Work/Hygienic Practices: Wash hands thoroughly after handling, especially before eating or smoking. Smoke in "Smoking Area" only.

Special Note: The material contained in this Material Safety Data Sheet is based on information supplied to Smith Paint Products by suppliers of this product and Smith Paint Products believes this information is 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.

Complies with OSHA hazard communication standard 29CFR1910.1200.

Section VIII - Explanation of Abbreviations and Terminology

ACGIH: American Conference of Governmental Industrial Hygienists.

CAS Name: Chemical Abstract System name

CAS #: Chemical Abstract System number available for every chemical made. Mixtures do not have abstract numbers.

CERCLA: Comprehensive Emergency Response, Compensation, and Liability Act: Section 302. Release of a CERCLA hazardous material in greater than its RQ (reportable quantity) in a 24 hour period, must be reported.

Ceiling: The concentration, which should not be exceeded even instantaneously.

Carcinogen:

O: OSHA (Occupational Safety Health Act)

I: IARC (International Agency for Research on Cancer)

N: National Toxicological Program

CCA: Clean Air Act Amendment of 1990

Flash Point: The temperature at which a liquid will yield enough flammable vapors to ignite.

HAPS: Clean Air Act Hazardous Air Pollutants and Ozone Depleting Chemicals.

O: Organic Hazardous Air Pollutants

V: Volatile Hazardous Air Pollutants

X: Hazardous Air

Pollutants

HMIS: Hazardous Material Identification System

H: Health

F: Fire

R: Reactivity

IARC: International Agency for Research on Cancer

LEL: Lower Explosive Limit -describes the leanest mixture that is still flammable

N: No

NFPA: National Fire Protection Agency

H: Health

F: Fire

R: Reactivity

N/A: Not Applicable

N/D: Not Determined

N/E: Not Established

N/R: Not reported by manufacturer

N/T: Not Tested

NIOSH: National Institute of Occupational Safety and Health

OSHA: Occupational Safety and Health Act

PEL: Permissible Exposure Limit

R2K: Pennsylvania Workers and Community Right To Know Act

E: Environmental

S: Special Hazardous Substances

X: Present in formula

RCRA: Resource Conservation and Recovery Act: codes required on hazardous waste manifest.

RQ: Reportable Quantity

SARA TPQ: Superfund Amendments and Reauthorization Act, and TPQ (Threshold Planning Quantities)

SARA III: Section 313 - (toxic chemical release reporting): facilities manufacturing, processing or otherwise using toxic chemicals equal to or greater than TPQ must file form R with state and local emergency planning committees.

SARA 311/312: (community right-to-know reporting)

A: Acute

C: Chronic

F: Fire

R: Reactivity

SOCMI: Synthetic Organic Chemical Manufacturing Industry -

STEL: Short Term Exposure Limit.

TPQ: Threshold Planning Quantities

TWA PPM: Time Weighted Average Parts per Million.

TWA MG/M³: Time Weighted Average per Milligrams per Cubic Meter.

TLV: Threshold Limit Values

TSCA: Toxic Substances Control Act

UEL: Upper Explosive Limit - describes the richest mixture that is still flammable

Vapor Pressure: The pressure exerted by the saturated vapor above any liquid (MM of HG @ 20° C).

Vapor Density: The relative density or weight of a vapor or gas compared with an equal volume of air.

Water Solubility: Solubility of the material in water

Y: Yes

Smith's Royal Seal - High Gloss

Low Sheen

Weight Per Gallon 7.9 Lbs.
% Solids by Weight 23 %
VOC per Liter <100 Grams

		PHYSICAL PROPERTIES													HEALTH												PERMISSABLE EXPOSURE LIMITS:							
PRODUCT	CHEMICAL ABSTRACT #	% RANGE	FLASH POINT F	LEL	UEL	STABLE	HAZARD POLYM- ERIZATION	BOILING RANGE F	VAPOR PRES. mmHg	VAPOR DENSITY Air=1	EVAP. RATE BU/AC	SOLU. IN WATER	MELT POINT F	PH	OSHA						ACGIH													
															TWA		STEL		CEILING		TWA		STEL		CEILING									
															PPM	MG/M3	PPM	MG/M3	PPM	MG/M3	PPM	MG/M3	PPM	MG/M3	PPM	MG/M3								
ACETONE	67-64-1	20 - 30	-4	2.6	12.8	Y	N	133.2	24	2	N/R	SOLUABLE	-139.6	N/A	1000	2400					500		750											
4-CHLOROBENZOTRIFLUORIDE	98-56-6	20 - 30	47 C	N/R	N/R	Y	N	136 -138 C	N/R	6.23	N/R	29 PPM	N/R	N/R						N.E		25.8 HR TWA												
ACRYLIC POLYMER	PROPRIETARY	20 - 30	572	N/R	N/R	Y	N	N/R	N/A	N/A	N/R	NEGLIGABLE	N/R	N/R			100																	
AROMATIC HYDROCARBON	TRADE SECRET	0.25 - 5																																
1,2,3 TRIMETHYLBENZENE	95-63-6	> 1	111.2	0.9	6.4	Y	N	168 C	2.1	N/R	N/R	INSOL.	N/R	N/R	25					25														
NAPTHELENE	91-20-3	> 1		0.9		Y	N	218 C	0.03	4.42	N/R	INSOL.	80 - 82 C		10					10														

		HEALTH DATA CONTINUED																REGULATORY DATA								
PRODUCT	CHEMICAL ABSTRACT #	PRIMARY HAZARD	CARCINOGEN			SKIN DESIG- NATION	CHRONIC	ACUTE	PROCESS SAFETY MGT TQ	NFPA RATING								SARA TITLE III				CERCLA RQ	ACCIDENT		SOCMI CHEM YES/NO	HAP CODE
			OSHA	IARC	NTP					FLAMMABLE 325				HAZARDOUS 49				EHS RQ	EHS TPQ	TR CONC	RCRA CODE		RELEASE TQ	BASIS		
										H	F	R	S	H	F	R	S									
ACETONE	67-64-1	E.U.CHS,HEMA	N	N	N	N/C	Y	Y	N/R	1	3	0		2	3	0	H	N	N	N	U002	5000	N/R	N/R	Y	N/R
4-CHLOROBENZOTRIFLUORIDE	98-56-6	N/R	N	N	N	N/R	N/R	N/R	N/R	2	2	1						N	N	N	N	N	N/R	N/R	N	N/R
ACRYLIC POLYMER	PROPRIETARY		N	N	N	N/R								1	0	0		N	N	N	N	N	N/R	N/R	N	N/R
AROMATIC HYDROCARBON	TRADE SECRET																									
1,2,3 TRIMETHYLBENZENE	95-63-6	R	N	N	N	N/R	N/R	N/R	N/R																	
NAPTHELENE	91-20-3		N	N	N													100			Y	Y			Y	Y

PRODUCT	CHEMICAL ABSTRACT #	TRANSPORTATION INFO		INTERNATIONAL INVENTORIES										CA		PA		
		US DOT		US TSCA	AUSTRAL AICS	CANADA		CHINA SEPA	EUROPE EINECS	JAPAN MITI	PHILLIP PICCS	S. KOREA ECL	PROP 65	HAZ LIST	E	S	X	
		UN#	CLASS			DSL	NDSL											
ACETONE	67-64-1	NA 1910	CLASS 3 FLAM LIQ	Y	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	Y	3	E			
4-CHLOROBENZOTRIFLUORIDE	98-66-6	UN 2234	CLASS 3 FLAM LIQ	Y	N/R	Y	N/R	N/R	N/R	N/R	N/R	N/R	N	Y			--	
ACRYLIC POLYMER	PROPRIETARY	UN1263	CLASS 3 FLAM LIQ	Y	N/R/	N/R	N/R	N/R	N/R	N/R	N/R	N/R	Y				--	
AROMATIC SOLVENT	TRADE SECRET		CLASS 4.1															
1,2,3 TRIMETHYLBENZENE	95-63-6	UN1993	CLASS 3 FLAM LIQ	Y		Y			Y				N/R		N/R	N/R	N/R	
NAPTHELENE	91-20-3	UN1334		Y	Y	Y			Y					Y	N/R	N/R	N/R	

Product: Smith's Royal Seal – High Gloss - MSDS

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