

Section I - MSDS General Information**Manufacture:**

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

Product Information:**Identification System**

Class: Water Based – Silicate Blend

D.O.T. Shipping Information:

Shipping Name: Paint – Silicate Solution
Hazard class: Not Regulated
Labels Required: None required

Hazardous Material

Health:	1
Fire:	0
Reactivity:	0
Personal Protection	G

Section II - Fire and Explosive Hazard Data

Extinguishing Media: This product is compatible with all extinguishing media.

Special Fire Fighting Procedures: None

Unusual Fire and Explosion Hazard: Spilled material is very slippery. This material dries to form glass a film which can easily cut skin.

Fire Fighting Equipment: Chemical goggles, body-covering protective clothing, chemical resistant gloves and rubber boots.

Note: This product is non combustible.

Section III - Health and Hazard Data

Primary Routs of Entry: Skin contact.

Inhalation: Mild Irritant to respiratory system

Skin Contact: Mild Irritant.

Eye Contact: Moderate irritation of eyes. If sprayed or spilled into eyes, flush with liberal amounts of water for at least 15 minutes. If discomfort persists, call physician.

Ingestion: May cause irritation to mouth, esophagus, and stomach.

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Medical Conditions Aggravated By Exposure: N/A

Chronic Exposure: Possible developmental hazard. Contains lithium which may adversely affect the developing fetus.

Section IV – First Aid

Inhalation: Move victim to fresh air at once. If breathing has stopped, perform artificial respiration. Get medical attention as soon as possible.

Skin: Remove contaminated clothing. Wash off quickly with plenty of water, then soap and water. For sever exposure shower and get medical attention.

Eye: Flush eyes with plenty water for at least 15 minutes. Get medical attention.

Ingestion: If swallowed, dilute with 2 to 4 glasses of water. Do not induce vomiting, obtain medical treatment immediately. Never give anything by mouth to an unconscious person.

Section V - Reactivity Data

Hazardous Polymerization: Will not occur.

Conditions To Avoid: Gels and generates heat when mixed with acid. Absorbs carbon monoxide when exposed to air. May react with ammonium salts resulting in evolution of ammonium gas. Flammable hydrogen gas may be produced on contact with aluminum, tin, lead and zinc.

Hazardous Decomposition Products: N/A

Stability: Stable.

Section VI - Spill or Leak Procedures

Material Released or Spilled: Spills may be slippery when wet – use caution during cleanup.

Waste Disposal: Dispose in accordance with all applicable regulations.

Section VII - Special Protection Information

Personal Protective Equipment: Wear body covering protective clothing and gloves.

Ventilation: Use NIOSH approved dust and mist respirator where spray mist occurs. Observe OSHA reulations for respirator use (29 C.F.R. 1910.134)

Eye Protection: Wear chemical goggles

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Other Protective Clothing or Equipment:

Engineering Controls: Use with adequate ventilation. Keep containers closed. Safety shower and eyewash station should be available.

Special Note: The material contained in this Material Safety Data Sheet is based on information supplied to Smith Paint Products by the raw material suppliers of the individual components 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.

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

O:Organic Hazardous Air Pollutants

V:

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

WEIGHT PER GAL. 8.93 LBS. VOC PER GAL 0 LBS.
TOTAL SOLIDS BY WT. 10% VOC PER LITER 0 GRMS.

PHYSICAL														HEALTH	PERMISSIBLE EXPOSURE LIMITS															
PRODUCT	CHEMICAL ABSTRACT #	% RANGE	FLASH POINT F	LEL	UEL	STABLE	HAZARD POLYMERIZATION	BOILING RANGE F	VAPOR PRES. mmHg	VAPOR DENSITY Air=1	EVAP. RATE SLAC	SOLU. IN WATER	MELT POINT F	PH	OSHA															
															TWA		STEL		CEILING		ACGIH		TWA		STEL		CEILING			
															PPM	MG/M3	PPM	MG/M3	PPM	MG/M3	PPM	MG/M3	PPM	MG/M3	PPM	MG/M3	PPM	MG/M3		
SILICATE BLEND	MIXTURE	1 - 10	N/A	N/A	N/A	Y	N	212	N/D	N/D	N/D	100	N/D	12+	N/E	N/E	N/E	N/E	N/E	N/E	N/E	N/E	N/E	N/E	N/E	N/E	N/E	N/E	N/E	N/E
WATER	7732-18-5	85 - 95	N/A	N/A	N/A	Y	N	212	N/D	N/D	N/D		N/D		N/E	N/E	N/E	N/E	N/E	N/E	N/E	N/E	N/E	N/E	N/E	N/E	N/E	N/E	N/E	

ENVIRONMENTAL LAW DATA																												
PRODUCT	CHEMICAL ABSTRACT #	PRIMARY HAZARD	CARCINOGEN			SKIN DESIG- NATION	CHRONIC	ACUTE	PROCESS SAFETY MSF TQ	NFPA RATING				HAZARDOUS 49				SARA TITLE III				CERCLA RQ	ACCIDENT		SOCRM CHEM YES/NO	HAP CODE		
			OSHA	IARC	NTP					FLAMMABLE 225				HAZARDOUS 49				EHS					RELEASE TQ	BASIS				
										H	F	R	S	H	F	R	S	RQ	TPQ	CONC	RCRA CODE							
SILICATE BLEND	MIXTURE	D	N	N	N	N/E	N	N	N/E	0	0	0						N	N	N	N	N	N	N	N	N	N	N
WATER	7732-18-5		N	N	N	N/E	N	N	N/E	0	0	0						N	N	N	N	N	N	N	N	N	N	N

PRODUCT	CHEMICAL ABSTRACT #	TRANS INFO		INTERNATIONAL INVENTORIES										CA		DELAWARE		FL	MA	MICHIGAN				MINNESOTA				
		US DOT	CANADA TDG	US TSCA	AUSTRAL AICS	CANADA		CHINA SEPA	EUROPE EINECS	JAPAN MITI	PHILIP PICCS	S. KOREA ECL	PROP 65	HAZ LIST	AIR QUAL MGT LIST		TOXIC SUB	HAZARD SUB	REPORT CODE	CLASS	CLASS	CLASS	CLASS	HAZ SUBSTANCE				
						DSL	NDSL								DRQ	STATE								CODE	HAZARD	CARCIN		
SILICATE BLEND	MIXTURE	N	N	Y	Y	Y	N	Y	Y	N	Y	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
WATER	7732-18-5	N	N	Y	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N

PRODUCT	CHEMICAL ABSTRACT #	NEW JERSEY					NEW YORK			PA			WASHINGTON							WV AIR		
		EXTROINARY HAZARDOUS SUBSTANCES					RQ AIR	RQ LAND	NOTE	E	S	X	TWA PPM	TWA MG	STEL PPM	STEL MG	CEILING PPM	CEILING MG	SKIN			
		EPA THR	NJ THR	GROUP	TABLE	BASIS													POLUT LBS			
SILICATE BLEND	MIXTURE	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
WATER	7732-18-5	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N

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