

# Material Safety Data Sheet

## Nature Shield

### Section I - MSDS General Information

<b>Manufacture:</b>	<b>Product Information:</b>	<b>Hazardous Material Identification System</b>	
Smith Paint Products 2200 Paxton Street Harrisburg, PA 17111 (717) 233-8781	Class: Water Based Urethane Silicone Modified Low Solid	Health:	1
		Flammability:	0
		Reactivity:	0
	<b>D.O.T. Shipping Information:</b> Shipping Name: Paint – Water Based Hazard Class: Not regulated Labels Required: None	Personal Protection:	G

### Section II - Fire and Explosive Hazard Data

**Extinguishing Media:** Dry Chemical, Foam, Carbon Dioxide and or Water – Fine Spray or Fog.

**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.

**Unusual Fire and Explosion Hazard:** Material does not burn – it present no unusual fire hazard.

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

### Section III - Health and Hazard Data

**Primary Routs of Entry:** Inhalation, dermal 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 local redness.

**Eye Contact:** May cause 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. If breathing has stopped, perform artificial respiration. Get medical attention as soon as possible.

**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<sup>0</sup> 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 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.

**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/M<sup>3</sup>:** 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<sup>0</sup> 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**

