Safety Data Sheet

Section 1 - Chemical Product and Company Information

Product Name: Smith's Polyurethane SB Part B Gloss/Low Sheen Product Code: SCS-POLYSB-B

Trade Name: Polyurethane SB Part B 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

Section 2 - Hazards Identification

GHS Ratings:

Inhalation Toxicity	3	Gases>500+<=2500ppm, Vapors>2+<=10mg/l, Dusts&mists>0.5+<=1mg/l
Respiratory sensitizer	1	Respiratory sensitizer
Skin sensitizer	1	Skin sensitizer

GHS Hazards

H317	May cause an allergic skin reaction
H331	Toxic if inhaled
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled

GHS Precautions

P261	Avoid breathing dust/fume/gas/mist/vapours/spray
P272	Contaminated work clothing should not be allowed out of the workplace
P280	Wear protective gloves/protective clothing/eye protection/face protection
P285	In case of inadequate ventilation wear respiratory protection
P321	Specific treatment (see … on this label)
P363	Wash contaminated clothing before reuse
P302+P352	IF ON SKIN: Wash with soap and water
P304+P341	IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing
P333+P313	If skin irritation or a rash occurs: Get medical advice/attention
P342+P311	Call a POISON CENTER or doctor/physician
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 %
PARACHLOROBENZOTRIFLUORIDE	98-56-6	73.00%
HOMOPOLYMER OF HEXAMETHYLENE DIISOCYANATE	28182-81-2	10.00% - 30.00%

Section 4 - First Aid Measures

First-aid measures after inhalation: Remove person to fresh air and keep comfortable for breathing. If experiencing respiratory symptoms: Call a poison center or a doctor.
First-aid measures after eye contact: Rinse immediately with plenty of water (for at least 15 minutes). If eye irritation persists: Get medical advice/attention.
First-aid measures after skin contact: Take off contaminated clothes, wash skin with plenty of water or have a shower (during minimum 15 minutes) and if necessary take medical advice. If skin irritation occurs: Get medical advice/attention.
First-aid measures after ingestion: Do NOT induce vomiting. Drink plenty of water. Never give anything by mouth to an unconscious person. Get medical advice/attention.

Section 5 - Fire Fighting Measures

Flash Point: N/A
LEL: 1.00 UEL: 11.00

Extinguishing media:
- Suitable extinguishing media : Dry chemical powder, alcohol-resistant foam, carbon dioxide (CO2), water spray, sand, earth.
- Unsuitable extinguishing media : None to our knowledge. If there is a fire close by, use suitable extinguishing agents.

Special hazards arising from the substance or mixture:
- Fire hazard : Will not normally support combustion. PCBTF exhibits a flash point of 109° F (42. 8° C), however, it does not sustain combustion. It will produce a flash before self-extinguishing. PCBTF has a Fire Point of 207 °F (97.2 °C) TOC.
- Explosion hazard : On heating, there is a risk of bursting due to internal pressure build-up. Cool down the containers exposed to heat with a water spray. Intense heat may cause container to burst.
- Reactivity : When heated to decomposition, emits toxic fumes.

Advice for firefighters:
- Firefighting instructions : Eliminate all ignition sources if safe to do so. Evacuate area. Fight fire with normal precautions from a reasonable distance.
- Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.
- Special protective equipment for fire fighters : Do not enter fire area without proper protective equipment, including respiratory protection.

Section 6 - Accidental Release Measures

Personal precautions, protective equipment and emergency procedures:
- General measures : Evacuate the personnel away from the fumes.
- For non-emergency personnel:
Protective equipment : Impervious protective suit with gloves, boots, and full head and face protection must be worn. Respiratory protection equipment may be necessary.

Emergency procedures : Avoid contact with skin, eyes and clothing. Keep upwind.
- For emergency responders:
Protective equipment : Use personal protective equipment as required. For further information refer to section 8: "Exposure controls/personal protection".
Emergency procedures : Remove ignition sources. Stop release. Prevent entry to sewers and public waters.

Environmental precautions: Avoid release to the environment. Prevent entry to sewers and public waters.

Methods and material for containment and cleaning up:
- For containment : Dike for recovery or absorb with appropriate material. Prevent entry to sewers and public waters. Stop leak if safe to do so.
- Methods for cleaning up : Collect spillage. Use suitable disposal containers.
- Other information : Dispose of materials or solid residues at an authorized site.

Section 7 - Handling and Storage

Precautions for safe handling:
- Precautions for safe handling : Ensure good ventilation of the work station. Wear personal protective equipment. Avoid contact with skin, eyes and clothing. Avoid breathing mist, spray, vapors.
- Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

Conditions for safe storage, including any incompatibilities :
- Storage conditions : Store in a well-ventilated place. Keep cool. Keep container tightly closed. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- Incompatible materials : Strong oxidizers. Strong acids.

Section 8 - Exposure Controls / Personal Protection

Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
PARACHLOROBENZOTRIFLUORIDE 98-56-6	None established	None established.	Not Established
HOMOPOLYMER OF HEXAMETHYLENE DIISOCYANATE 28182-81-2	Not Established	Not Established	Not Established

- Appropriate engineering controls : Ensure good ventilation of the work station.
- Hand protection : Protective gloves. North Silver Shield® or Viton® Gloves are recommended. Nitrile or PVC gloves can be used for short periods of time.
- Eye protection : Safety glasses.
- Skin and body protection : Wear suitable protective clothing.
- Respiratory protection : In case of insufficient ventilation, wear suitable respiratory equipment. - **Environmental exposure controls :** Avoid release to the environment.

Section 9 - Physical and Chemical Properties

This mixture typically exhibits the following properties under normal circumstance:

Appearance: Liquid	**Density:** 10.76 lb/gal
Flash point: 42.8°C	**Viscosity:** 12
Grams VOC less water: None	**%NV:** 25.17%

%VOC: 0.00%	

Section 10 - Stability and Reactivity

Reactivity: When heated to decomposition, emits toxic fumes.
Chemical stability: Stable under normal conditions.
STABLE
Incompatible materials: Strong acids. Strong oxidizers.
Hazardous decomposition products: Corrosive vapors. irritating fumes. Carbon monoxide. Chlorine. Fluorine.

No Data Available
Hazardous polymerization will occur.

Section 11 - Toxicological Information

Mixture Toxicity
Dermal Toxicity LD50: 4,523mg/kg
Inhalation Toxicity LC50: 2mg/L

Primary routes of entry: Inhalation, Skin contact.

Section 12 - Ecological Information

Ecology - air : Not dangerous for the ozone layer.
Effect on ozone layer : Not considered harmful to the ozone layer.
Effect on the global warming : No known ecological damage caused by this product.

Component Ecotoxicity

PARACHLOROBENZOTRIFLUORIDE	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 Guidline 203 GLP: yes Toxicity to daphnia and other aquatic invertebrates IC 50 (Daphnia magna (Water flea)): 2 mg/l Exposure time: 48 h Test Type: semi-static test Method: OECD Test Guidline 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 Guidline 201 GLP: yes Remarks: No data available M-Factor (acute aquatic toxicity) 1 Ecotoxicology Assessment Acute aquatic toxicity Very toxic to aquatic life . Chronic aquatic toxicity Very toxic to aquatic life with long lasting effects. Persistance 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 Enviroment; 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 enviromental hazard cannot be excluded in the event of unprofessional handling or disposal. Very toxic to aquatic life with long lasting effects.

Section 13 - Disposal Considerations

Waste treatment methods: Waste disposal recommendations : Avoid release to the environment. Dispose in a safe manner in accordance with local/national regulations.

Section 14 - Transport Information

This material is classified for transport as follows:

Agency	Proper Shipping Name	UN Number	Packing Group	Hazard Class
DOT	Chlorobenzotrifluorides	UN 2234	III	3
IMDG	Chlorobenzotrifluorides	UN 2234	III	3
IATA	Chlorobenzotrifluorides	UN 2234	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:

No Data Available

R2K List

28182-81-2 HOMOPOLYMER OF HEXAMETHYLENE DIISOCYANATE

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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