

## SECTION 1 PRODUCT NAME AND COMPANY IDENTIFICATION

**Product Name:** Polybrite 77 – Premium Grade SEBS Cement

**Recommended Use:** Roofing and other construction applications.

**Restriction on Use:** None

**Manufacturer:**

Polyglass U.S.A. Inc.  
 1111 West Newport Center Drive  
 Deerfield Beach, Florida 33442  
 866-222-9782

SDS Date of Preparation: 08/15/18

Emergency Contact: (800) 424-9300 CHEMTREC (USA)

## SECTION 2: HAZARDS IDENTIFICATION

**Hazard Classification:**

Physical	Health
Flammable Liquid Category 3	Aspiration Toxicity Category 1 Skin Irritation Category 2 Specific Target Organ Toxicity Single Exposure Category 3 (narcotic effects)

**Label Elements:**



**DANGER!**

Flammable liquid and vapor.  
 May be fatal if swallowed and enters airway.  
 Causes skin irritation.  
 May cause drowsiness or dizziness.

**Prevention**

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
 Keep container tightly closed.  
 Ground and bond container and receiving equipment  
 Use explosion-proof electrical, ventilating and lighting equipment.  
 Use non-sparking tools.  
 Take action to prevent static discharge.  
 Avoid breathing dust, fume, gas, mist, vapors or spray.  
 Wash thoroughly after handling.  
 Use only outdoors or in a well-ventilated area.  
 Wear protective gloves.

**Response**

IF SWALLOWED: Immediately call a POISON CENTER or doctor.  
 Do NOT induce vomiting.  
 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.



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If skin irritation occurs: Get medical attention.  
Take off contaminated clothing and wash it before reuse.  
IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
Call a POISON CENTER or doctor if you feel unwell.  
In case of fire: Use water fog, carbon dioxide, dry chemical or foam to extinguish.

### Storage

Store in a well-ventilated place. Keep container tightly closed. Store locked up. Keep cool.

### Disposal:

Dispose of contents and container in accordance with local and national regulations.

### SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS

<u>INGREDIENTS</u>	<u>CAS#</u>	<u>WT.%</u>
Aromatic Hydrocarbon Naphtha	64742-95-6	40-50
Hydrogenated Styrene Polymer	Proprietary	40-50
Titanium Dioxide	13463-67-7	10-20

**Note:** The titanium dioxide in this product is inextricably bound so no exposure will occur and the carcinogen classification does not apply for these chemicals.

**The exact percentage (concentration) of composition has been withheld as a trade secret.**

### SECTION 4 FIRST AID MEASURES

**Eyes:** Immediately flush eyes with water while lifting the upper and lower lids. Get medical attention if irritation persists.

**Skin:** Remove contaminated clothing. Wash skin thoroughly with soap and water. If irritation develops, get medical attention. Launder clothing before re-use.

**Inhalation:** If symptoms develop, move to fresh air. If symptoms persist, get medical attention.

**Ingestion:** If conscious, rinse mouth with water. DO NOT INDUCE VOMITING. Never give anything by mouth to a person who is unconscious or convulsing. Get immediate medical attention.

**Most important symptoms/effects, acute and delayed:** May cause eye irritation. Causes skin irritation. Vapors and mists may cause mucous membrane and upper respiratory tract irritation with headache, dizziness, drowsiness, nausea and unconsciousness. Aspiration into the lungs during ingestion or vomiting may cause serious lung damage which may be fatal.

**Indication of immediate medical attention and special treatment, if necessary:** Immediate medical attention required if ingested. .

### SECTION 5 FIRE FIGHTING MEASURES

**Extinguishing Media:** Use water fog, carbon dioxide, dry chemical or foam. Cool fire exposed containers with water

**Special Protective Equipment and Precautions for Fire-fighters:** Firefighters should wear full emergency equipment and NIOSH approved positive pressure self-contained breathing apparatus. Do not allow run-off from firefighting to enter drains or water courses

**Specific Hazards Arising from the Chemical:** Flammable liquid and vapor. Vapors are heavier than air and will travel along surfaces to remote ignition sources and flash back. Closed containers may explode if exposed to extreme heat. Combustion may produce carbon oxides.

## SECTION 6 ACCIDENTAL RELEASE MEASURES

**Personal Precautions, Protective Equipment, and Emergency Procedures:** Wear appropriate protective clothing to prevent eye and skin contact. Evacuate and ventilate area using explosion proof equipment. Remove all ignition sources such as flames, hot surfaces, and pilot lights and spark producing equipment.

**Environmental precautions:** Avoid release to the environment. Report releases as required by local, state and federal authorities.

**Methods and Materials for Containment and Cleaning Up:** Collect spilled material with inert material and place into a closable container for disposal.

## SECTION 7 HANDLING and STORAGE

**Precautions for Safe Handling:** Avoid contact with the eyes, skin and clothing. Avoid breathing vapors or mists. Wear protective clothing and equipment as described in Section 8. Use with adequate ventilation. Wash thoroughly with soap and water after handling. Keep containers closed when not in use. Keep product away from heat, sparks, flames and all other sources of ignition. Do not permit smoking in use or storage areas.

Do not cut, drill, grind or weld on or near containers, even empty containers. Empty containers retain product residues can be hazardous. Follow all SDS precautions when handling empty containers.

**Conditions for Safe Storage, Including any Incompatibilities:** Store in a dry, well-ventilated area away. Keep away from heat, direct sunlight and all sources of ignition. Store away from oxidizing agents and other incompatible materials. Protect from physical damage.

## SECTION 8 EXPOSURE CONTROLS and PERSONAL PROTECTION

### Exposure Guidelines:

INGREDIENTS	EXPOSURE LIMITS
Aromatic Petroleum Distillates (as Stoddard solvent)	500 ppm TWA OSHA PEL 100 ppm TWA ACGIH TLV
Hydrogenated Styrene Polymer	None Established
Titanium Dioxide	15 mg/m <sup>3</sup> TWA OSHA PEL (total dust) 10 mg/m <sup>3</sup> TWA ACGIH TLV

**Appropriate Engineering Controls:** Use with adequate ventilation to maintain exposures below the occupational exposure limits. Use explosion proof equipment if required.

**Respiratory Protection:** If the exposure limits are exceeded a NIOSH approved organic vapor respirator appropriate for the form and concentration of the contaminants should be used. Selection and use of respiratory equipment must be in accordance with OSHA 1910.134 and good industrial hygiene practice.

**Gloves:** Nitrile or other impervious gloves are recommended to prevent skin contact.

**Eye Protection:** Chemical safety goggles should be worn if splashing is possible.

**Other Protective Equipment:** Impervious clothing as needed to prevent contact. For operations where contact can occur, washing facilities should be available.

## SECTION 9 PHYSICAL and CHEMICAL PROPERTIES

**Appearance And Odor:** White or colored liquid with a characteristic odor.

**Boiling Point (@ 760 mmHg):** >318° (159°C) (aromatic petroleum distillate)

**Freezing Point:** Not available

<b>Odor Threshold:</b> Not available	<b>Viscosity:</b> Not available
<b>Relative density (H<sub>2</sub>O=1):</b> Not available	<b>Vapor Pressure:</b> Not available
<b>VOC:</b> Not available	<b>Vapor Density (AIR=1):</b> Not available
<b>Evaporation Rate:</b> Not available	<b>Solubility In Water:</b> Negligible in water
<b>pH:</b> Not available	<b>Partition Coefficient n-Octanol/Water:</b> Not determined
<b>Flash Point:</b> >100°F (>37.7°C) TCC (aromatic petroleum distillate)	<b>Autoignition Temperature:</b> 880°F (475.5°C) (aromatic petroleum distillate)
<b>Decomposition Temperature:</b> Not available	<b>Flammability (solid, gas):</b> Not applicable
<b>Flammable Limits: (vol % in air) LEL – 1.4%( aromatic petroleum distillate) UEL – 7.6% (aromatic petroleum distillate)</b>	

## SECTION 10 STABILITY and REACTIVITY

**Reactivity:** Not normally reactive.

**Chemical Stability:** Stable under normal storage and handling conditions

**Possibility of Hazardous Reactions:** None known

**Conditions to avoid:** Avoid heat, sparks, flames and all other sources of ignition.

**Incompatible materials:** Avoid oxidizing agents, acid and alkalis.

**Hazardous decomposition products:** Thermal decomposition may yield oxides of carbon.

## SECTION 11 TOXICOLOGICAL INFORMATION

**Eye:** Contact may cause irritation.

**Skin:** Contact causes irritation, drying of the skin and dermatitis.

**Inhalation:** Inhalation of vapors may cause mucous membrane and respiratory irritation and central nervous system depression with symptoms of headache, dizziness, nausea, vomiting, disorientation, stupor and unconscious.

**Ingestion:** Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. Aspiration into the lungs during ingestion or vomiting may cause serious lung damage which may be fatal.

**Sensitization:** This product is not expected to cause sensitization.

**Chronic Effects:** Prolonged exposure to high concentrations of aromatic petroleum distillates may cause damage to the kidneys and auditory systems.

**Carcinogenicity:** Titanium dioxide is listed by IARC as "Possibly Carcinogenic to Humans", Group 2B. However, the titanium dioxide in this product is bound in the polymer matrix and dust exposure would not be expected. None of the other components present at 0.1% or greater are listed as a carcinogen by NTP, IARC, ACGIH or OSHA.

### Numerical Measures of Toxicity:

Aromatic Petroleum Distillates: Oral rat LD<sub>50</sub> >2000 - <5000 mg/kg; Dermal LD<sub>50</sub> rabbit >2000 mg/k

Hydrogenated Styrene Polymer: No toxicity data available

Titanium Dioxide: Oral rat LD<sub>50</sub>: >5000 mg/kg

## SECTION 12: ECOLOGICAL INFORMATION

### Ecotoxicity:

Aromatic Petroleum Distillates: 96 hr LL<sub>50</sub> *Oncorhynchus mykiss* 10 mg/L, 48 hr EL<sub>50</sub> *daphnia magna* 4.5 mg/L, 72 hr EL<sub>50</sub> 3.1 mg/L

Hydrogenated Styrene Polymer: No data available

Titanium Dioxide: No data available

**Persistence and degradability:** Aromatic petroleum distillates is inherently biodegradable.

**Bioaccumulative potential:** Aromatic petroleum distillates does not have the potential for significant bioaccumulation.

**Mobility in soil:** No data available.

**Other adverse effects:** No data available.

## SECTION 13: DISPOSAL CONSIDERATIONS



# Safety Data Sheet

**Waste Disposal Method:** Dispose in accordance with all local, state and federal regulations.

## SECTION 14: TRANSPORT INFORMATION

If shipped in containers 119 gallons or less: Not regulated under US DOT or Canadian TDG  
If Shipped in containers greater than 119 gallons in US: UN1268, Petroleum Distillates, n.o.s., Combustible Liquid, III  
If Shipped in containers greater than 119 gallons in Canada: UN1268, Petroleum Distillates, n.o.s., 3, III

**Environmental hazards:** None known  
**Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code):** Not applicable – product is transported only in packaged form.  
**Special precautions:** None known

## SECTION 15: REGULATORY INFORMATION

**SARA Hazard Category (311/312):** Acute Health, Fire Hazard.  
**EPA SARA 313:** This product contains the following chemicals regulated under SARA Title III, section 313: None

**CERCLA Hazardous Substances (Section 103)/RQ:** This product is not subject to CERCLA reporting requirements, however, oil spills are reported to the National Response Center under the Clean Water Act and many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

**Toxic Substances Control Act:** All of the components of this product are listed on the TSCA inventory.

**California Proposition 65:** This product contain the following chemicals known to the State of California to cause cancer or reproductive toxicity. Cumene (cancer) Benzene (cancer and reproductive harm) (the titanium dioxide in this product is bound and therefore is not applicable to the regulation)

## SECTION 16: OTHER INFORMATION

<b>NFPA Rating:</b>	Health = 2	Fire = 2	Instability = 0
<b>HMIS Rating:</b>	Health = 2	Fire = 2	Physical Hazard = 0

**SDS Date of Preparation:** 08/15/18  
**Revision Summary:** Section 15 – CA Proposition 65

### NOTICE

This above information is believed to be correct but does not propose to be all inclusive and shall be used only as a guide. Polyglass U.S.A. Inc. shall not be held liable for any damage resulting from handling or from contact with the above product. This information relates only to the product designated herein and does not relate to its use in combination with any other material or process.