Conforms to HazCom 2012/ United States

SAFETY DATA SHEET

TRM Sealant

Section 1. Identification

GHS product Identifier TRM Sealant

Other means of identification Not available

Relevant identified used of the substance or mixtures and uses advised against

TRM Sealant is designed for filling minor cast concrete cracks, concrete masonry cracks, gaps at head joints, penetrations, and gypsum sheathing joints.

Supplier's details

Polyguard Products, Inc.
3801 South Interstate 45
Ennis, TX 75119
Tel: (214) 515-5000

Emergency telephone number) with hours of operation)

CHEMTREC, US 1-800-424-9300 International 1-703-527-3887 (24/7)

Section 2. Hazards Identification

OSHA/HCS status

This material is considered hazardous by the OSHA Hazardous Communications Standard (49CFR1910.1200) .

Classification of the substance or mixture

H226 Flammable liquid- Category 3
H315 Skin/Corrosive/Irritation- Category 2
H319 Causes serious eye damage/ irritation- Category 2A
H351 Carcinogenicity- Category 2
H361 Reproductive Toxicity- Category 2
H370 Specific organ toxicity (single exposure)- (central nervous system)-Category 3
H373 Specific organ toxicity (repeated exposure)-Category 2
H304 Aspiration hazard- Category 1
H401 Hazardous to the aquatic environment, acute hazard- Category 2
H412 Hazardous to the aquatic environment, long-term hazard- Category 3

GHS label elements

Hazard pictogram

Signal word Danger

Hazard statement

H226 Flammable liquid and vapor
H304 May be fatal if swallowed and enters airways.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H351 Suspected of causing cancer (Inhalation).
H361 Suspected of damaging fertility or the unborn child.
H370 Causes damage to organs.
H373 May cause damage to organs through prolonged or repeated exposure.
H401 Toxic to aquatic life.
H412 Harmful to aquatic life with long lasting effects.

Section 2. Hazard Identification

Precautionary statements

Prevention

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep container tightly closed. Keep cool. Ground/bond container and receiving equipment. Use explosion- proof electrical, ventilating, lighting and all material-handling equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Avoid breathing dust/fumes/gas/mist/vapors/spray. Washthoroughly after handling.Do not eat, drink or smoke when using this product. Use only outdoors or in a well- ventilated area. Avoid release to the enviroment. Wear protective gloves/protective clothing/eye protection/facae protection. Incase of inadequate ventilation, wear respiratory protection.

Response

IF SWALLOWED: Do **Not** induce vomiting. Immediately call a Poison Center or physician. **IF ON SKIN:** Wash with plenty of soap and water. Take off contaminated clothing. If skin irritation or rash occurs: Get medical attention. **IF ON SKIN (or hair):** Take off immediately all contaminated clothing. Rinse skin with water/ shower. Wash contaminated clothing before reuse. **IF INHALED:** If breathing is difficult, remove person to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or physician if you feel unwell. **IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention. **IF exposed or concerned:** Get medical advice/attention. **In case of fire:** Use an extinguisher for flammable liquids.

Storage

Store locked up. Store in a well-ventilated area. Keep containers tightly closed.

Disposal

Dispose of contents and containers in accordance with all local, regional, national, and international regulations.

Hazards not otherwise classified

None known.

Section 3. Composition/Information on Ingredients

Substance/Mixture Mixture

Other means of identification Not available

CAS number/other identifiers

CAS Number Not available

Product Code Not available

Ingredient name	Percentage	CAS Number
Petroleum Asphalt	40-50	8052-42-4
Toluene	5-15	108-88-3
n-Hexane	5-15	110-54-3
4- Chlorobenzotrifluoride	4-10	98-56-6
Limestone	10-15	1317-65-3
Crystalline silica, quartz	0.1-1	14808-60-7

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

Occupational exposure limits, if available , are listed in Section 8.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable are classified as hazardous to health or the environment and hence require reporting in this section.

Section 4. First Aid Measures

Description of necessary first aid measures.

Eye contact Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 20 minutes. Get medical attention.

Inhalation Remove person to fresh air and keep at rest in a comfortable position for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. If may be dangerous to the person providing aid to give mouth to mouth resuscitation. Get medical attention if symptoms occur.

Skin contact Flush contaminated skin with plenty of water. Get medical attention if symptoms occur.

Ingestion Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that the vomit does not enter the lungs. Get medical attention if symptoms occur.

Most important symptoms/effects, acute and delayed

Potential acute health effects

Eye contact Causes serious eye irritation.

Inhalation Can cause central nervous system (CNS) depression. May cause drowsiness and dizziness.

Skin Contact Causes skin irritation.

Ingestion Can cause central nervous system (CNS) depression. Irritating to mouth, throat, and stomach.

Indication of immediate medical attention and special treatment needed, if necessary

Notes to physician: Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

Specific treatments No specific treatment

Protection of fire- aiders No specific protection is required.

Section 5. Fire-fighting Measures

Extinguishing media

Suitable extinguishing media Use Carbon dioxide, regular dry chemical, regular foam, or water spray (fog).

Unsuitable extinguishing media Do not use water jet or water- based fire extinguishers.

Specific hazards arising from the chemical Flammable liquid and vapor. This material is harmful to aquatic life with long lasting effects. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain.

Hazardous thermal decomposition products Decomposition products may include the following materials: Carbon Monoxide, Carbon Dioxide, Metal oxides and low molecular weight hydrocarbons.

Special protective equipment and precautions for firefighters Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.

Special protective equipment for fire fighters Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full-face piece operated in a positive pressure mode.

Section 6. Accidental Release Measures

Personal precautions, protective equipment, and emergency procedures.

For non emergency personal	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk thru spilled material. Shut off all ignition sources. No flares, smoking or flames in hazard area.Avoid breathing vapor or mist.Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment(see section 8).
For emergency responders	If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in “For non-emergency personnel.
Enviromental precautions	Avoid disposal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil, or air) water polluting material. May be harmful to the environment if released in large quantities.
Methods and materials for containment and cleaning up	Ventilate the area. Stop leak if possible without personal risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Approach release for upwind. Prevent entry into sewers, water courses, basements, or confined spaces areas. Contain and collect spillage with non-combustible, absorbent material, e.g.. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: See section 1 for emergency contact information and Section 13 for waste disposal.

Section 7. Handling and Storage

Precautions for safe handling

Protective measures	Don appropriate personnel protective equipment (see section 8). Avoid exposure-obtain special instructions before use. Avoid exposure during pregnancy. Do not handle until all safety precautions have been read and understood. Do not get in eyes or on skin or clothing. Do not breathe vapor or mist. Do not ingest. Avoid release to the environment. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Keep in original container or an approved alternative made from compatible material, kept tightly closed when not in use. Store and use away from heat, sparks, open flame, or any other ignition source. Use explosion-proof electrical (ventilating, lighting, and material handling) equipment. Use only non-sparking tools. Take precautionary measures against electrostatic discharges. Empty containers retain product residue and can be hazardous. Do not reuse container.
Advice on general occupational hygiene	Eating, drinking, and smoking should be prohibited in areas where material is handled, stored, and processed. Workers should wash hands and face before eating, drinking, and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See section 8 for additional information on hygiene measures.
Conditions for safe storage, including any incompatibilities	Store and handle in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool, and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Eliminate all ignition sources. Separate from oxidizing materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

Section 8. Exposure Controls/Personal Protection

Control parameters

Occupational exposure limits

Ingredient name	Exposure limits
Petroleum Asphalt	**NIOSH** CEIL: 5 mg/m^3 15 min (fume) **ACGIH** TWA: 0.5 mg/m^3 (as benzene soluble aerosol)- 8 hrs. -inhalable
Toluene	**NIOSH REL** STEL: 560 mg/m^3- 15 mins. TWA: 375 mg/m^3 - 10 hrs. **OSHA** AMP: 500 ppm- 10 mins. CEIL: 300 ppm TWA: 200 ppm- 8 hrs. **ACGIH** TWA: 20 ppm- 8 hrs.
N-Hexane	**ACGIH** TWA: 176 mg/m^3 8 hrs. **NIOSH REL** TWA: 180 mg/m^3 - 10 hrs. **OSHA** TWA: 1800 mg/m^3 - 8 hrs.
Crystalline Silica, quartz	**ACGIH** TWA: 0.025 mg/m^3 - 8 hrs.m Respirable fraction **OSHA** TWA: 50 μg/m3 (SiO_2)- 8 hrs. Form; Respirable **NIOSH REL** TWA: 0.05 mg/m^3 - 10 hrs. Form: Respirable dust

Appropriate engineering controls

Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airbornes contaminantes below any recommended or statutory limits. The engineering controls also need to keep gas, vapor and dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment.

Environmental exposure controls

Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation.

Individual protection measures

Hygiene measure

Wash hands, forearms, and face thoroughly after handling chemical products, before eating, smoking, and using the lavatory and at the end of the working period. Ensure that eyewash stations and safety showers are close to the work station location.

Eye/face protection

Safety eyewear complying with an approved standard should be used when risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases and dusts.

Skin Protection

Hand protection

Use chemical resistant imprevious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

Body protection

Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. When there is a risk of ignition from static electricity, wear anti-static protective clothing. For the greatest protection from static discharges, clothing should be anti-static overalls, boots, and gloves.

Section 8. Exposure Controls/Personal Protection

Other skin protection	Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
Respiratory protection	Use a properly fitted, air purifying or supplied air respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

Section 9. Physical and Chemical Properties

Appearance	
Physical state	Paste
Color	Black
Odor	Asphaltic
Odor threshold	Not available
pH	Not available
Melting point	Not available
Boiling point	Not available
Flash Point	76 °F TCC
Evaporation rate:	Not available
Flammability(solid, gas)	Not available
Lower & upper explosive (flammable) limits	Not available
Vapor density	Not available
Vapor pressure	Not available
Relative density	6.87
Specific gravity	0.825
Solubility	Insoluble in water
Partition coefficient: n-octanol/water	Not available
Auto- ignition temperature	Not available
Decomposition temperature	Not available
VOC	247 g/l
Viscosity	Not available

Section 10. Stability and Reactivity

Reactivity	No specific test data related to reactivity available for this product or ingredients.
Chemical stability	Stable at room temperature and pressure.
Possibility of hazardous reactions	Under normal conditions of storage and use, hazardous reactions will not occur.
Conditions to avoid:	Avoid heat, flames, sparks, and other sources of ignition. Avoid contact with incompatible materials.
Incompatible materials	Reactive or incompatible with the following materials: oxidizing materials, acids, and alkalis.
Hazardous decomposition products	Under normal conditions of storage and use, hazardous decomposition products should not be formed.

Section 11. Toxicological Information

Information on toxicological effects

Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
Petroleum asphalt	LD50 Oral	Rat	>5000 mg/kg	-
Toluene	LC50 Inhalation Vapor	Rat	49 g/m^3	4 hours
	LD50 Oral	Rat	636 mg/kg	-
n-Hexane	LC50 Inhalation Gas	Rat	150000 mg/m^3	2 hours
	LD50 Oral	Rat	20000 mg/kg	-
PCBTF	LC50 Inhalation Vapor	Rat	22 g/m^3	
	LD50 Oral	Rat	13 gm/kg	
	LD50 dermal	Rabbit	> 2000 mg/kg	

Irritation/corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observations
Toluene	Eyes- moderate irritation	Rabbit	-	870 µg	mild
n-Hexane	Eyes- Mild irritant	Rabbit	-	10 mg	-

Sensitization

Skin There is no data available.

Respiratory There is no data available.

Mutagenicity

There is no data available.

Carcinogenicity

Classification

Product/ingredient name	OSHA	IARC	NTP
Petroleum asphalt	-	3	-
Toluene	-	3	-
Crystalline silica, quartz	-	1	Known to be a human carcinogen

Reproductive toxicity

Product/ingredient name	Route	Species	Dose
Toluene	Inhalation	Rat	6000 mg/m3 21 d pregnant
	Inhalation	Rat	500 mg/m3 24 h pregnant
n- Hexane	Inhalation	Rat	5000 ppm (6-19d) pregnant
	Inhalation	Rat	5000 ppm- 20 hrs. (6-19d) pregnant

Teratogenicity

There is no data available.

Specific target organ toxicity (single exposure)

Name	Category	Route of exposure	Target organs
Toluene	Category 3	Not applicable	Narcotic effect
n-Hexane	Category 3	Not applicable	Narcotic effect

Section 11. Toxicological Information

Specific target organ toxicity (repeated exposure)

Name	Category	Route of exposure	Target organs
Toluene	Category 2	Not determined	Not determined
n-Hexane	Category 2	Not determined	Not determined

Aspiration hazard

Name	Result
Toluene	ASPIRATION HAZARD – Category 1
n-Hexane	ASPIRATION HAZARD – Category 1

Information on the likely routes of exposure Routes of entry anticipated: Oral, Dermal, Inhalation.

Potential acute health effects

Eye contact Causes serious eye irritation.

Inhalation Can cause central nervous system (CNS) depression. May cause drowsiness and dizziness.

Skin contact Causes skin irritation.

Ingestion Can cause central nervous system (CNS) depression. Irritating to mouth, throat, and stomach.

Symptoms related to the physical, chemical, and toxicological characteristics

Eye contact Adverse symptoms may include the following: pain or irritation, watering, and redness.

Inhalation Adverse symptoms may include the following: nausea or vomiting, headache, drowsiness/fatigue, dizziness/vertigo, unconsciousness.

Skin contact Adverse symptoms may include the following: irritation, redness.

Ingestion Adverse symptoms may include the following: Irritating to mouth, throat, and stomach.

Delayed and immediate effects and also chronic effects from short and long term exposure

Short term exposure

Potential immediate effects No known or significant effects or critical hazards.

Potential delayed effects No known or significant effects or critical hazards.

Long term exposure

Potential immediate effects No known or significant effects or critical hazards.

Potential delayed effects No known or significant effects or critical hazards.

Potential chronic health effects

General May cause damage to organs through prolonged or repeated exposure.

Carcinogenicity May cause cancer. Risk of cancer depends on duration and level of exposure.

Mutagenicity No known or significant effects or critical hazards.

Teratogenicity Suspected of damaging the unborn child.

Developmental effects No known or significant effects or critical hazards.

Fertility effects Suspected of damaging fertility.

Target organs Contains material which may cause damage to the following organs: kidneys, the nervous system, the reproductive system, liver, peripheral nervous system, upper respiratory tract, skin, central nervous system (CNS), eye, lens, or cornea.

Section 12. Ecological information

Toxicity

Product/ingredient name	Result	Species	Exposure
Toluene	Acute EC50 433 ppm Marine water	Algae-Skeletonema costatum	96 hours
	Acute EC50 12500 µg/L Fresh water	Algae- Pseudokirckneriella subcapitata	72 hours
	Acute EC50 11600 µg/L Fresh water	Crustaceans- Gammarus pseudolimnaeus- Adult	48 hours
	Acute EC50 6000 µg/L Fresh water	Daphnia-Daphnia magna- Juvenile (Fledging, hatchling, Weanling)	48 hours
	Acute LC50 5500 µg/L Fresh water	Fish-Oncorhynchus kisutch-Fry	96 hours
	Chronic NOEC 500000 µg/L Fresh water	Algae- Pseudokirckneriella subcapitata	96 hours
	Chronic NOEC 1000 µg/L Fresh water	Daphnia-Daphnia magna	21 days
n-Hexane	Acute LC50 113000 µg/L Fresh water	Fish-Oreochromis mossambicus	96 hours

Persistence and degradabilty : No information available for this product.

Product/ingredient name	$LogP_{ow}$	BCF	Potential
Toluene	2.73	90	Low
n-Hexane	4	501.187	High

Mobility in the soil

Soil/water partition coefficient (K_{OC}) There is no data available for this product.

Other adverse effects No information available for this product.

Section 13. Disposal Considerations

Disposal methods The generation of waste should be avoided or minimized whenever possible. Disposal of this product, solutions and any by-products should comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non- recyclable product via a licensed waste disposal contractor. Waste packaging should be recycled. This material and its container must be disposed of in a safe way. Care should be taken when handling empty containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Vapor from product residues may create a highly flammable or explosive atmosphere inside the container. Do not cut, weld, or grind used containers unless they have been cleaned thoroughly internally. Disposal of this product in accordance with all applicable federal, state, regional and local laws, and regulations. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

United States- RCRA Toxic hazardous waste" U: List

Ingredient	CAS #	Status	Reference number
Toluene	108-88-3	Listed	U220

Section 14. Transport Information

	DOT Classification	IMDG	IATA
UN Number	**UN 1139**	**UN 1139**	**UN 1139**
UN Proper Shipping name	**Coating solution**	**Coating solution**	**Coating solution**
Transport Hazard class	 **3**	 **3**	 **3**
Packing group	III	III	III
Environmental hazards	No	No	No
Additional Information			

Shipping exemptions: For containers less than 1.5 gallons product may be shipped as a limit quantity.
Prior to shipping, review current shipping regulations to ensure compliance with most current regulations.

Section 15. Regulatory Information

Safety, health, and environmental regulations specific for the product

United States Regulations

TSCA inventory All components are listed or exempted.

SARA 302/304

Composition /information on ingredients

SARA 311/312 Flammable liquid, Skin/Corrosive/Irritation, Causes serious eye damage/ irritation, Carcinogenicity, Reproductive Toxicity, specific organ toxicity, Aspiration hazard.

	Product name		
Form R- Reporting requirements	Toluene		
	n-Hexane	**CAS number**	**%**
Supplier notification	Toluene	108-88-3	10-30
	n-Hexane	110-54-3	10-30

SARA 313 notifications must be not be detached from the SDS and any copying and redistribution of the SDS shall include copying and redistribution of the notice attached copies of the SDS subsequently redistributed.

State regulations

Massachusetts- RTK The following components are listed: Petroleum asphalt, Toluene, n-Hexane, limestone.

New York- RTK The following components are listed: Toluene, n-Hexane.

New Jersey- RTK The following components are listed: Petroleum asphalt, Toluene, n-Hexane, limestone, Crystalline silica, quartz.

Pennsylvania- RTK The following components are listed: Petroleum asphalt, Toluene, n-Hexane, limestone, Crystalline silica, quartz.

California Prop 65 **WARNING:** This product can expose you to chemicals including (C*rystal silica, PCTBF*), which are known to the State of California to cause cancer, and (N-Hexane, toluene), which are known to the State of California to cause birth defects or other reproductive harm. For more information, visit www.P65Warnings.ca.gov.

Section 16. Other Information

Date of revision	2/13/25
Date of previous issue	5/19/21
Revisions:	Change product name from Term Termite Sealant to Term Sealant. Update company address.
Version	3
Prepared by	: **C. Rogalski**

Notice to reader.

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.