



PERMA-TECH ROOFING SUPPLY

THE SCIENCE OF STRONG ROOFS

PRC-915

PLASTIC ROOF CEMENT

SAFETY DATA SHEET

SECTION 1: IDENTIFICATION

Product Name	Product No. PRC-915
Other Names	Plastic Roof Cement
Use	Sealing Roofs
Company	Perma-Tech Roofing Supply 5355 E 29th St Tucson, AZ 85711 Tel: (520) 573-6300

Emergency Tel. ChemTrec 800-262-8200

SECTION 2: HAZARD(s) IDENTIFICATION

GHS HAZARD CLASSIFICATION:

Physical Hazards	Flammable Liquid	Category 3
Health Hazards	Acute Toxicity-Oral	Category 5
	Acute Toxicity-Inhalation	Category 5
	Skin Corrosion/Irritation	Category 2
	Eye Corrosion/Irritation	Category 2
	Target organ toxicity, repeat exposure	Category 2

LABEL ELEMENTS:



Signal Word

Warning

Hazard Statements

H226: Flammable liquid and vapour
H315: Causes skin irritation
H320: Causes eye irritation
H373: May cause damage to organs through prolonged or repeated exposure

Precautionary statements

Prevention

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.
No smoking.
P233: Keep container tightly closed.
P240: Ground and bond container and receiving equipment.
P241: Use explosion-proof electrical and lighting equipment.
P242: Use only non-sparking tools.
P243: Take precautionary measures against static discharge.
P280: Wear protective gloves, protective clothing, eye protection, and face protection.

P260: Do not breathe mist or spray.
P270: Do not eat, drink or smoke when using this product.
P264: Wash exposed areas thoroughly after handling.

Response	<p>P370+378: IN CASE OF FIRE: Use carbon dioxide (CO2), alcohol foam, water fog or dry chemical to extinguish. DO NOT use stream/jet of water as this will spread fire.</p> <p>P303+361+ IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with 353: water or shower.</p> <p>P302+352: IF ON SKIN: Wash with plenty of soap and water.</p> <p>P321: Specific treatment: Apply hand or body lotion to reduce irritation.</p> <p>P332+313: If skin irritation occurs: Get medical advice or attention.</p> <p>P362+364: Take off contaminated clothing and wash it before reuse.</p> <p>P305+351+ IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if 338: present and easy to do – continue rinsing.</p> <p>P337+313: If eye irritation persists get medical advice and/or attention.</p> <p>P314: Get Medical advice/attention if you feel unwell.</p> <p>P331: Do NOT induce vomiting.</p>
Storage	<p>P403+235: Store in a well ventilated place. Keep cool.</p>
Disposal	<p>P501: Dispose of contents and container in accordance with local, regional, national, and international regulation.</p>

SECTION 3: COMPOSITION/INFORMATION ON HAZARDOUS INGREDIENTS

Mixture

Chemical Name	Common Name	CAS number	Percent by weight
Petroleum Hydrocarbon	Asphalt	8052-42-4	60-70%
Mineral Spirits		8052-41-3	20-30%
Attapulgite Clay		8031-18-3	1-6%
Cellulose Fibers		9004-34-8	1-6%
Calcium Carbonate		1317-65-3	0-10%

SECTION 4: FIRST-AID MEASURES

General Advice	Take off immediately all contaminated clothing. Get Medical advice/attention if you feel unwell. Wash contaminated clothing before reuse.
Inhalation	Remove person to fresh air and keep comfortable for breathing. Get Medical attention if you feel unwell.
Skin	Take off immediately all contaminated clothing and wash it before reuse. Wash with plenty of soap and water. If skin irritation or a rash occurs: Get medical advice/attention.
Eye	Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do and continue rinsing. If eye irritation persists: Get medical attention.
Ingestion	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Get Medical advice and/or attention if you feel unwell.

Most important symptoms/effects, acute and delayed	Eye irritation. Symptoms may include stinging, tearing, redness, swelling and blurred vision. Skin irritation: May cause redness, itching and/or pain. Inhalation of mist/vapors: Prolonged or repeated exposure may cause chronic effects.
Indication of immediate medical attention and special treatment needed	Provide general supportive measures and treat symptomatically.

SECTION 5: FIRE-FIGHTING MEASURES

Suitable Extinguisher type(s)	Use carbon dioxide (CO2), alcohol foam, water fog or dry chemical to extinguish.
Unsuitable Extinguisher type	Do not use stream or jet of water as this will spread fire.
Specific hazardous arising from fire.	Vaporized material may form explosive mixture with air. Thermal decomposition (burning) will produce oxides of carbon including carbon monoxide and may also produce irritating, corrosive and/or toxic gases, vapors and fumes.
Special protective equipment for fire fighting.	Self-contained breathing apparatus and full protective gear must be worn in case of fire.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Leak or spill procedures	Remove all sources of ignition. Provide adequate ventilation.
Containment	Contain and absorb with inert material. (e.g. oil dry, sand)
Cleanup	Dispose in accordance with all local, state and federal regulations.
Precautions	In the event of a large spill, contain material and recover for use if possible. Avoid discharge into drains, water courses and the ground.

SECTION 7: HANDLING AND STORAGE

Storage	Keep away from ignition sources. Keep containers tightly closed. Store in a cool, dry and well ventilated area.
Handling	Avoid prolonged or repeated skin contact and avoid breathing vapors.
Incompatible Contaminants	Avoid exposure to oxidizing agents.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredient	OSHA PEL	ACGIH TLV-TWA
Petroleum Distillate	500 ppm	100 ppm
Engineering Controls	Use with adequate ventilation.	
PPE	Eye/Face: Face shield, goggles Skin: Chemical protective gloves. Respiratory: Level of exposure needs to be determined. If required, use a particulate filter, a NIOSH-approved air purifying respirator with organic vapor cartridge or a supplied air respirator.	

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Form Paste

Color Black

Flammability Limits

Upper ~6%

Lower ~0.8%

Odor Mild Petroleum Odor

Odor Threshold Not Determined

Vapor Pressure at 20°C <3 mm Hg, based on solvent

pH Not applicable

Vapor Density (air=1) >1

Evaporation Rate Not Determined

Specific Gravity, 16°C >1.0

Melting Point/Range Not Determined

Boiling Point/Range >350°F (>177°C)

Solubility Very slight

Partition Coefficient Not Determined

Flash Point >105°F (>40°C) component with lowest PMCC flash point

Flammability Class 3

Auto ignition Temperature > 410°F (>210°C)

Decomposition Temperature Not Determined

Viscosity Time, temperature and shear dependent

SECTION 10: STABILITY AND REACTIVITY

Reactivity

Chemical Stability Stable

Other

Hazardous Reactions Combustion

Polymerization Will not occur.

Conditions to Avoid Strong oxidizing agents: sources of ignition.

Incompatible Materials Strong oxidizing agents

Decomposition Hazards Combustion products: Oxides of carbon, nitrogen, and sulfur and potentially irritating and/or toxic fumes.

SECTION 11: TOXICOLOGICAL INFORMATION

Ingredient

LD50

LC50

Petroleum Distillates

Oral-Rat, > 5gm/Kg

4 Hr.-Rat, > 5500 mg/M³

Routes of Exposure

Inhalation	May cause damage to organs through prolonged or repeated exposure
Ingestion	Expect low ingestion hazard. Do NOT induce vomiting. AVOID ASPIRATION.
Skin Contact	Causes skin irritation
Eye Contact	Causes eye irritation

Delayed, Immediate, and Long Term Exposure	Prolonged or repeated inhalation of petroleum distillates may cause damage to organs.
Carcinogenicity	None of the components of this mixture are considered to be a carcinogen by IARC, ACGIH, NTP, OR OSHA. Bitumen fumes generated at paving temperatures in excess of 250°F (120°C) are classified by IARC as “possibly carcinogenic to humans” (Group 2B) but this product is used at ambient temperatures and does not generate fumes.

SECTION 12: ECOLOGICAL INFORMATION

Eco toxicity	This mixture contains components that are potentially toxic to freshwater and saltwater ecosystems.
Environmental Fate	This material may be harmful to aquatic organisms and may cause long term adverse effects in the aquatic environment.

SECTION 13: DISPOSAL CONSIDERATIONS

Hazard characteristic and regulatory waste classification can change with product use. Accordingly, it is the responsibility of the user to determine the proper handling and disposition for disposal according to local, state, federal and international regulations.

SECTION 14: TRANSPORT INFORMATION

For Industrial/Professional Use Only-Keep out of reach of Children

Domestic (US and US to Canada)	
Proper shipping name:	Combustible liquid, n.o.s. (contains Mineral Spirits)
Identification Numbers:	NA1993
Class or Division:	Comb liq
Packing Group:	III
Label Codes:	None
Special Provisions:	IB3, T1, T4, TP1
Packaging	
	Exceptions: 173.150
	Non-Bulk: 173.203
	Bulk: 173.241
Quantity Limitations	
	Passenger Aircraft/Rail: 60 L
	Cargo Aircraft Only: 220L

Vessel Stowage

Location: A
Other:

International (including within Canada)

Proper shipping name: Petroleum products, n.o.s.

Identification Numbers: UN1268

Class or Division: 3

Packing Group: III

Label Codes: 3

Special Provisions: 144, B1, IB3, T4, TP1, TP29

Packaging

Exceptions: 173.150

Non-Bulk: 173.203

Bulk: 173.242

Quantity Limitations

Passenger Aircraft/Rail: 60 L

Cargo Aircraft Only: 220L

Vessel Stowage

Location: A
Other:

Transport in Bulk according to Annex II of MARPOL 73/78 and the IBC Code

SECTION 15: REGULATORY INFORMATION

TSCA	All components are on the TSCA inventory.
Sara Title III, Section 313	No, None
Sara Title III, Section 311, 312	Fire Hazard

SECTION 16: OTHER INFORMATION

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind expressed or implied is made with respect to the information contained herein.