



TECHNICAL RUBBER COMPANY  
 dba TECH INTERNATIONAL  
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 JOHNSTOWN, OHIO 43031  
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 EFFECTIVE: 9/22/2010  
 MSDS NO.: PRMC1  
 REVISION NO.: 2

**PERMACURE REINFORCED REPAIRS  
 MATERIAL SAFETY DATA SHEET**

**SECTION 1. CHEMICAL PRODUCT AND COMPANY INFORMATION**

**PRODUCT NAME:** Permacure Reinforced Repairs  
**CATALOG NUMBER (S):** 220, 222, 224, 226  
**PRODUCT USE:** Inside/Outside Tire Repair

**FOR CUSTOMER SERVICE INFORMATION, CONTACT:**  
 (740) 967-9015 or (800) 433-8324

**EMERGENCY TELEPHONE NUMBER (24 hrs.):** CHEMTREC North America (800) 424-9300 or (703) 527-3887  
**EMERGENCY TELEPHONE NUMBER (24 hrs.):** CHEMTREC International (703) 527-3887

**SECTION 2. COMPOSITION / INFORMATION ON HAZARDOUS INGREDIENTS**

INGREDIENT (COMMON NAME)	CAS NO.	% (by wt.)	OSHA PEL	ACGIH TLV	NIOSH REL	AIHA WEEL
Cured and uncured rubber (natural rubber) on polyethylene backing	*	*	*	*	*	*

EXPOSURE LIMITS ARE TIME WEIGHTED AVERAGES (TWA), SHORT-TERM EXPOSURE LIMITS (STEL) AND CEILING (C) ARE INCLUDED IF ESTABLISHED

NOTES	
*	Not Established

**SECTION 3. HAZARDS IDENTIFICATION**

**Emergency Overview:**  
**Appearance and Odor:** Solid gray/black. No distinguishable odor.  
**Health Hazards:** There are no significant health hazards associated with this product.  
**Physical Hazards:** If exposed to excessive heat the product will burn.

<b>EYE CONTACT</b>	Not determined
<b>INHALATION</b>	Not determined, see below
<b>INGESTION</b>	Not determined
<b>SKIN CONTACT</b>	Not determined, see below
<b>TARGET ORGANS EFFECTED</b>	Not determined

**This is a solid cured and uncured compounded rubber stock. The chemical substances are bound in the rubber at ambient temperature. During elevated temperature processing: avoid contact, avoid breathing of fumes, use protective clothing such as gloves and goggles, and ventilate work area.**

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#### SECTION 4. FIRST AID MEASURES

<b>EYE CONTACT</b>	If material gets into eye, flush with water for at least 20 minutes while holding eyelids apart. If symptoms persist, seek medical attention.
<b>INHALATION</b>	If symptoms develop, immediately move individual away from exposure and into fresh air. Seek immediate medical attention. If person is not breathing, begin artificial respiration. If breathing is difficult, administer oxygen. Keep person warm and quiet.
<b>INGESTION</b>	If swallowed, seek immediate medical attention.
<b>SKIN CONTACT</b>	Wash exposed area with soap and water. If necessary, seek medical attention.

#### SECTION 5. FIRE FIGHTING MEASURES

<b>FLASH POINT</b>	Not Determined
<b>LEL</b>	Not Applicable
<b>UEL</b>	Not Applicable
<b>EXTINGUISHING MEDIA</b>	Foam, carbon dioxide or dry chemical
<b>SPECIAL FIREFIGHTING PROCEDURES</b>	If ignited by excessive heat or open flame, the product will burn. Protective Clothing, breathing apparatus, standard precautions indicated for organic chemical fires.
<b>UNUSUAL FIRE AND EXPLOSION HAZARDS</b>	None known

#### SECTION 6. ACCIDENTAL RELEASE MEASURES

<b>SMALL SPILL</b>	Material is a solid. If material is spilled, sweep or pick up and place in normal waste containers.
<b>LARGE SPILL</b>	Material is a solid. If material is spilled, sweep or pick up and place in normal waste containers.

#### SECTION 7 HANDLING AND STORAGE

Inside storage at ambient temperatures recommended. No special handling precautions.

#### SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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<b>EYE PROTECTION</b>	Safety glasses in compliance with OSHA regulations are advised, however other forms of eye protection such as safety goggles may be required for other chemicals used with this product. Consult your safety equipment representative.
<b>RESPIRATORY PROTECTION</b>	If workplace exposure limit (s) of product or any component is exceeded (See Section 2), a NIOSH/MSHA approved respirator is advised in the absence of proper environmental control. OSHA regulations permit other NIOSH/MSHA approved respirators (negative pressure type) under specified conditions (consult your industrial hygienist). Engineering or administrative controls should be implemented to reduce exposure.
<b>SKIN PROTECTION</b>	Use good personal hygiene. Wash hands and exposed body parts after exposure to any chemical and at the end of work shift.
<b>ENGINEERING CONTROLS</b>	Provide sufficient mechanical (general or local exhaust) ventilation to avoid fumes or skin contact during elevated temperature processing operations.
<b>OTHER PROTECTIVE EQUIPMENT</b>	To prevent repeated or prolonged skin contact, wear impervious clothing and boots.
<b>OTHER HYGIENIC AND WORK PRACTICES</b>	Use good personal hygiene work practices. Wash hands before eating, drinking, smoking or using toilet facilities. Promptly remove soiled clothing and wash before reuse.

#### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>INITIAL BOILING POINT</b>	Not Applicable
<b>VAPOR PRESSURE</b>	Not Applicable
<b>VAPOR DENSITY (air = 1)</b>	Not Applicable
<b>SPECIFIC GRAVITY (water = 1)</b>	1.118 +/- .020
<b>% VOLATILES</b>	Not Applicable
<b>VOC CONTENT</b>	Not Applicable
<b>EVAPORATION RATE</b>	Not Applicable
<b>pH</b>	Not Applicable
<b>APPEARANCE</b>	Solid, Black/Gray Rubber and Gum Rubber
<b>ODOR</b>	Rubber

#### SECTION 10. STABILITY AND REACTIVITY

<b>STABILITY</b>	Stable at ambient temperatures
<b>HAZARDOUS POLYMERIZATION</b>	Not Applicable
<b>INCOMPATIBILITY (materials or conditions to avoid)</b>	None known
<b>HAZARDOUS DECOMPOSITION PRODUCTS</b>	Normal organic combustion products, CO <sub>2</sub> , CO, Carbon, Water, etc.

#### SECTION 11. TOXICOLOGICAL INFORMATION

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No toxicological data is available.

### CARCINOGENICITY - LISTED BY:

ACGIH	No	IARC	No	NTP	No	OSHA	No
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### SECTION 12. ECOLOGICAL INFORMATION

No ecological data is available.

### SECTION 13. DISPOSAL CONSIDERATIONS

Disposal of material should be done in accordance with all Federal (40 CFR Part 261), State and Local environmental control regulations.

### SECTION 14. TRANSPORTATION INFORMATION

DOT PROPER SHIPPING NAME (49 CFR 172.101)	Not DOT Regulated
HAZARD CLASS (DOT, IATA, IMO)	Not Applicable
ID NUMBER	Not Applicable
PACKING GROUP	Not Applicable
ADDITIONAL DESCRIPTION	Not required
LABELS REQUIRED	Not Applicable
2000 NORTH AMERICAN EMERGENCY RESPONSE GUIDEBOOK NUMBER	Not Applicable
EmS NUMBER	Not Applicable

### SECTION 15. REGULATORY INFORMATION SECTION

This product contains the following toxic substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act (Emergency Planning and Community Right-To-Know Act) of 1986 and of 40 CFR Part 372:

CHEMICAL	CAS NO.	% COMPOSITION (by wt.)
None	Not Applicable	Not Applicable

TOXIC SUBSTANCES CONTROL ACT: The chemical substances in this product are listed on the TSCA Section 8 Chemical Substance Inventory List (40 CFR Part 710).

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#### STATE REGULATIONS

The following chemicals are listed by individual states; other specific health and safety data in other sections of this MSDS may also be applicable for state requirements. For more details on regulatory requirements for individual states, contact the appropriate state agency.

There are no regulated materials associated with this product

#### **CANADA:**

**WHMIS HAZARD CLASSIFICATION:** Not classified as a hazardous material

This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all the information required by the CPR.

#### **NFPA RATINGS**

<b>HEALTH</b>	0	<b>FLAMMABILITY</b>	0	<b>REACTIVITY</b>	0
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#### **SECTION 16. OTHER INFORMATION**

The information contained herein is information received from our raw material suppliers and other sources believed to be reliable. This data is not warranted whether originating with Truflex/Pang, or not. Recipients are advised to confirm in advance of the need that the information is current, applicable and suitable to their circumstances. It is the responsibility of the user to comply with all applicable Federal, State and Local laws and regulations.

**This MSDS complies with the OSHA Hazard Communication Standard (29 CFR 1910.1200)**

MSDS NO.: PRMC1

REVISION NO.: 1

REVISED: 8/14/07

Developed new 6/16/03 to meet requirements of EEC Directive 2001/58/EC (91/155/EEC), ANSI Z400.1-1993 and the Canada CPR (WHMIS) and update Transportation Section.

Prepared by: Tech International Environmental Health and Safety Department

For 24-hour access to Tech International's MSDS documents:

- Also see [www.techtirerepairs.com](http://www.techtirerepairs.com) for latest MSDSs and instructions for use.