

**MATERIAL SAFETY DATA SHEET**

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**MSDS Number:** TPR559 ; TPR560 ; TPR561 ; TPR562 ; TPR563 ;  
 TPR564 ; TPR565 ; TPR566 ; TPR567 ; TPR568 ;  
 TPR569 ; TPR576 ; TPR577 ; TPR578 ;

**I. CHEMICAL PRODUCT IDENTIFICATION**

**Product Name:** THERMOPLASTIC RUBBER SETTING BLOCK  
**HMIS Ratings:**  
**NFPA Ratings:**

**II. COMPOSITION, INFORMATION ON INGREDIENTS**

Chemical Ingredients	C.A.S. Number	% By Weight	ACGIH TLV TWA/STEL	OSHA PEL TWA/STEL	Other TWA/STEL	LD50	LC50
STYRENE-ETHYLENE/BUTYLENE-STYRENE BLOCK COPOLYMER	66070-58-4						
<b>Notes</b>							
MINERAL OIL	8042-47-5						
<b>Notes</b>							
POLYPROPYLENE	9003-07-0						
<b>Notes</b>							
ANTIOXIDANT/STABILIZER							
<b>Notes</b>							
CALCIUM CARBONATE	1317-65-3						
<b>Notes</b>							
CARBON BLACK	1333-86-4		3.5MG/M3	3.5MG/M3			
<b>Notes</b>							

**III. HAZARDS IDENTIFICATION PRIMARY ROUTE OF ENTRY**

**Eyes:** IF POLYMER DUSTS ARE GENERATED THEY COULD SCRATCH THE EYES.  
**Inhalation:** IF POLYMER DUSTS ARE GENERATED THEY COULD CAUSE MINOR IRRITATION TO THE RESPIRATORY TRACT.  
**Other:** THESE MATERIALS ARE RUBBER COMPOUNDS WHICH ARE ESSENTIALLY NON-TOXIC.

**IV. FIRST AID MEASURES**

**Eyes:** FLUSH EYES WITH WATER WHILE HOLDING EYELIDS OPEN.  
**Skin:** IF CONTACT WITH HOT MATERIAL, COOL THE BURN AREA BY FLUSHING WITH LARGE AMOUNTS OF WATER. DO NOT ATTEMPT TO REMOVE ANYTHING FROM THE BURN AREA OR APPLY BURN CREAMS OR OINTMENTS. COVER THE BURN AREA LOOSELY WITH A STERILE DRESSING, IF AVAILABLE.

**V. FIRE FIGHTING MEASURES**

- Flash Point:** N/A
- Lower Flammability Limit:** N/A
- Upper Flammability Limit:** N/A
- Extinguishing Agents:** USE WATER FOG, FOAM, DRY CHEMICAL OR CARBON DIOXIDE (CO<sub>2</sub>) TO EXTINGUISH FLAMES.
- Fire Fighting Procedures:** MATERIAL WILL NOT BURN UNLESS PREHEATED. DO NOT ENTER CONFINED FIRE SPACE WITHOUT FULL BUNKER GEAR (HELMET WITH FACE SHIELD, BUNKER COATS, GLOVES AND RUBBER BOOTS), INCLUDING A POSITIVE PRESSURE, NIOSH APPROVED, SELF-CONTAINED BREATHING APPARATUS.

**VI. ACCIDENTAL RELEASE MEASURES**

- Containment/Cleanup:** SHOVEL AND SWEEP UP OR USE INDUSTRIAL VACUUM CLEANER. AVOID GENERATING DUST CLOUDS. PLACE IN CONTAINER FOR PROPER DISPOSAL. PREVENT ENTRY INTO WATERWAYS, SEWER, BASEMENTS OR CONFINED AREAS.
- Other:** PROTECTIVE MEASURES: WEAR APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT WHEN RESPONDING TO SPILLS.

**VII. HANDLING AND STORAGE**

- Other:** HANDLING: POTENTIALLY TOXIC/IRRITATING FUMES MAY BE EVOLVED FROM HEATED MATERIAL. THERMOPLASTIC RUBBER HAS A TENDENCY TO ACCUMULATE STATIC CHARGE DURING TRANSPORT, HANDLING AND PROCESSING. REDUCING THE VELOCITY OF TRANSPORT WILL REDUCE CHARGING. STATIC CHARGE BUILDUP CAN BE A POTENTIAL FIRE HAZARD WHEN USED IN THE PRESENCE OF VOLATILE OR FLAMMABLE MIXTURES. IN PROCESSING, DO NOT ALLOW THE TEMPERATURE TO EXCEED 550°F. MAINTAIN A FIRE WATCH IF 550°F IS REACHED. <B>PRACTICE GOOD HOUSEKEEPING. DO NOT ALLOW PRODUCT TO ACCUMULATE IN PROCESSING AREA. <B>STORAGE: AVOID VAPORS FROM HEATED MATERIALS. ADEQUATE VENTILATION AND/OR ENGINEERING CONTROLS MUST BE EMPLOYED IN HIGH TEMPERATURE PROCESSING TO PREVENT EXPOSURE TO POTENTIALLY TOXIC/IRRITATING FUMES.

**VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION**

- Eyes:** CHEMICAL GOGGLES, OR SAFETY GLASSES.
- Skin:** USE PROTECTIVE CLOTHING WHICH IS CHEMICAL RESISTANT TO THIS MATERIAL. SELECTION OF PROTECTIVE CLOTHING DEPENDS ON POTENTIAL EXPOSURE CONDITIONS AND MAY INCLUDE GLOVES, BOOTS, SUITS AND OTHER ITEMS. THE SELECTION(S) SHOULD TAKE INTO ACCOUNT SUCH FACTORS AS JOB TASK, TYPE OF EXPOSURE AND DURABILITY REQUIREMENTS.
- Respiratory:** IF ENGINEERING CONTROLS DO NOT MAINTAIN AIRBORNE CONCENTRATIONS TO A LEVEL WHICH IS ADEQUATE TO PROTECT WORKER HEALTH, AN APPROVED RESPIRATOR MUST BE WORN. RESPIRATOR SELECTION, USE AND MAINTENANCE SHOULD BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE OSHA RESPIRATORY PROTECTION STANDARD, 29 CFR 1910.134. <B>TYPES OF RESPIRATOR(S) TO BE CONSIDERED IN THE SELECTION PROCESS INCLUD: AIR-PURIFYING RESPIRATOR FOR DUSTS AND MISTS, SUPPLIED-AIR RESPIRATOR.

**Engineering:** THE LEVEL OF PROTECTION AND TYPES OF CONTROLS NECESSARY WILL VARY DEPENDING UPON POTENTIAL EXPOSURE CONDITIONS. APPROPRIATE MEASURES INCLUDE: ADEQUATE VENTILATION AND/OR ENGINEERING CONTROLS WHEN MATERIAL IS HEATED IN PROCESSING.

#### IX. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** SOLID  
**Solubility in Water:** NEGLIGIBLE  
**Specific Gravity:** <1

#### X. STABILITY AND REACTIVITY

**Stability:** MATERIAL IS STABLE UNDER NORMAL CONDITIONS.

**Hazardous Decomposition Products:** AT PROCESSING TEMPERATURES, SOME DEGREE OF THERMAL DEGRADATION WILL OCCUR. ALTHOUGH HIGHLY DEPENDENT ON TEMPERATURE AND ENVIRONMENTAL CONDITIONS, A VARIETY OF DECOMPOSITION PRODUCTS MAY BE PRESENT RANGING FROM SIMPLE HYDROCARBONS (SUCH AS METHANE AND PROPANE) TO TOXIC/IRRITATING VAPORS (SUCH AS CARBON MONOXIDE AND DIOXIDE, ACROLEIN, ALDEHYDES AND KETONES).

**Conditions To Avoid:** AVOID CONTACT WITH STRONG OXIDIZING AGENTS. AVOID ELEVATED TEMPERATURES FOR PROLONGED PERIODS OF TIME (EXAMPLE: 5 DAYS AT 200°F).

#### XI. TOXICOLOGICAL INFORMATION

**Other:** ELASTOMERS ARE HIGH MOLECULAR WEIGHT POLYMERS WHICH ALL EVIDENCE INDICATES ARE BIOLOGICALLY INACTIVE.

#### XII. ECOLOGICAL INFORMATION

**Environmental Fate and Distribution:** THIS SECTION WILL BE UPDATED AS ECOLOGICAL REVIEWS ARE COMPLETED.

#### XIII. DISPOSAL CONSIDERATIONS

**Disposal Method:** IF THIS MATERIAL BECOMES A WASTE, IT WOULD NOT BE HAZARDOUS WASTE BY RCRA CRITERIA (40 CFR 261). PLACE IN AN APPROPRIATE DISPOSAL FACILITY IN COMPLIANCE WITH LOCAL REGULATIONS.

**Other:** PROPER DISPOSAL SHOULD BE EVALUATED BASED ON REGULATORY STATUS OF THIS MATERIAL, POTENTIAL CONTAMINATION FROM SUBSEQUENT USE AND SPILLAGE, AND REGULATIONS GOVERNING DISPOSAL IN THE LOCAL AREA.

#### XIV. TRANSPORT INFORMATION

**D.O.T. Hazard Class:** NOT HAZARDOUS BY D.O.T. REGULATIONS

**Other:** US DEPARTMENT OF TRANSPORTATION CLASSIFICATION: THIS MATERIAL IS NOT SUBJECT TO DOT REGULATIONS UNDER 49 CFR PARTS 171-180.

#### XV. REGULATORY INFORMATION

**TSCA Status:** THE COMPONENT(S) OF THIS MATERIAL IS (ARE) LISTED ON THE EPA/TSCA INVENTORY OF CHEMICAL SUBSTANCES.

**EPA Sara Title III Chemical Listings:** SARA HAZARD CATEGORIES (311/312): THIS MATERIAL IS NOT REGULATED UNDER SARA TITLE III.

**New Jersey:** RIGHT-TO-KNOW CHEMICAL LIST: CARBON BLACK (1333-86-4): <5% WEIGHT.

**Pennsylvania:** RIGHT-TO-KNOW CHEMICAL LIST: CARBON BLACK (1333-86-4): <5% WEIGHT.  
<B>CALCIUM CARBONATE (1317-65-3): <35% WEIGHT.

**Other:** THE ABOVE CHEMICALS ARE SPECIFICALLY LISTED BY INDIVIDUAL STATES;  
OTHER PRODUCT SPECIFIC HEALTH AND SAFETY DATA IN OTHER SECTIONS OF  
THE MSDS MAY ALSO BE APPLICABLE FOR STATE REQUIREMENTS. FOR  
DETAILS ON YOUR REGULATORY REQUIREMENTS YOU SHOULD CONTACT  
THE APPROPRIATE AGENCY IN YOUR STATE.

#### **XVI. OTHER INFORMATION**

**Other:** HEALTH HAZARD: POLYMER PRODUCT WITH NO UNUSUAL EMERGENCY  
CONCERNS. <B>PHYSICAL HAZARDS: THE MATERIAL WILL BURN AND  
SHOULD NOT PRESENT AN UNUSUAL HAZARD DURING FIRES. AVOID SMOKE  
FROM FIRES.

#### **WARRANTY INFORMATION**

THIS INFORMATION IS OFFERED IN GOOD FAITH AS TYPICAL VALUES AND NOT AS A PRODUCT SPECIFICATION.  
NO WARRANTY, EXPRESSED OR IMPLIED, IS HEREBY MADE. THE RECOMMENDED INDUSTRIAL HYGIENE AND  
SAFE HANDLING PROCEDURES ARE BELIEVED TO BE GENERALLY APPLICABLE. HOWEVER, EACH USER SHOULD  
REVIEW THESE RECOMMENDATIONS IN THE SPECIFIC CONTEXT OF THE INTENDED USE AND DETERMINE  
WHETHER  
THEY ARE APPROPRIATE.