Material Safety Data Sheet

Trade Name	Product Codes
Rigid Wedgie Shims	48600 48605 48610 48615

Manufacturer Precision Brand Products Inc.	Phone Number (For Information) 630-969-7200
Address 2250 Curtiss Street Downers Grove IL 60515 USA	Emergency Phone Number **Chemtrec 800-424-9300 USA & Canada** **202-483-7616 International**
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SECTION 1 – COMPOSITION / INFORMATION ON INGREDIENTS

COMPONENTS--Chemical Name & Common Names	CAS #	By Weight %	Exposure Limits
Polypropylene	9003-07-0	100	Not available

SECTION 2 -- PHYSICAL DATA

Boiling Point	N/A	Specific Gravity (H2O = 1)	0.91 to 0.97
pH (1% Soln/Water)	N/A	Critical Temperature	N/A
Volatility	Negligible.	Odor Threshold	N/A
VOC	N/A	Viscosity	N/A
$LogK_{ow}$	N/A	Iconicity (in water)	N/A
Dispersion Properties	N/A	Physical Chemical Components	No additional remark
Vapor Pressure	N/A	Melting/Freezing Point	120 to 170°C (248 to 338°F)
Vapor Density	N/A	Evaporation Rate	N/A
Solubility in Water	Insoluble in water	Molecular Weight	N/A
Appearance and Odor	Solid. Odorless	Molecular Formula	(C3H6)x

SECTION 3 -- FIRE AND EXPLOSION HAZARD DATA

Flammability of the Product	May be combustible at high temperatures	
Flash Point: N/A	Auto-ignition temperature: N/A	Flammability Limits: N/A
Products of Combustion	Carbon Oxides (CO and CO^2) and soot	
Fire Hazards in Presence of Various Substances	No specific information is available in our database regarding the flammability of this product in presence of various materials	
Explosion Hazards in Presence of Various Substances	Risk of explosion of the product in presence of mechanical impact: Not Expected. Risk of explosion of the product in presence of static discharge: Possible. Risk of explosion from dust accumulation of this product is possible. See MSDS section 7: Handling for more information.	
Fire Fighting Media & Instructions	SMALL FIRE: Use DRY chemicals, $CO^{2,}$, water spray, halon, or foam. LARGE FIRE: Use water spray, fog or foam. DO NOT use water jet.	
Protective Clothing	Wear MSHA/NIOSH approved self-contained breathing apparatus or equivalent and full protective gear.	
Special Remarks of Fire Hazards	Fire may product irritating gases and dense smoke.	
Special Remarks on Explosion Hazard	Processing or material handling equipment may generate dust of sufficiently small particle size that, when suspended in air, may be explosive.	

SECTION 4 -- REACTIVITY HAZARD DATA		
Stability [X] Stable [ ] Unstable	Conditions To Avoid	Avoid temperatures above 300 °C (570°F)
	Conditions of instability	No additional remark
Incompatibility with Various Substances	Incompatible or reactive with fluorine gas, oxidizing agents (nitric acid and percholoric acid), free halogens, benzene, petroleum ether, gasoline and lubricating oils, and aromatic and chlorinated hydrocarbons.	
Hazardous Decomposition Products	Hazardous decomposition products are carbon monoxide & carbon dioxide.	
Hazardous Polymerization	No.	

SECTION 5 -- HAZARD IDENTIFICATION		
Emergency Overview	Irritating vapors to respiratory system and eyes may form when polymer is processed at high temperatures. Molten or heated material in skin contact can cause severe burns.	
Routes of Entry	FOR HOT MATERIAL: Skin contact, Eye contact, Inhalation	
Potential Acute Health Effects	Eyes:	Slightly hazardous by the following route of exposure: of eye contact (irritant). **Heated Polymer**: Eye contact can cause serious thermal burns. Vapors formed when polymer is heated may be irritating to the eye.
	Skin:	No known acute effects of this product resulting from skin contact. However, in light of good industrial hygiene, exposure to any chemical should be kept to a minimum. **Heated Polymer**: skin contact can cause serious thermal burns.
	Inhalation	Negligible at room temperature. Nuisance dusts can be irritating to the upper respiratory tract. Irritating vapors may form when the polymer is processed at high temperature.
	Ingestion	No effects are expected for ingestion of small amounts. May be a choking hazard.
Potential Chronic Health Effects	**CARCINOGENIC EFFECTS**: Polypropylene is not a known carcinogen. Classified NONE by NTP. NONE by OHSA, 3 (Not classifiable for humans) by IARC. **MUTAGENIC EFFECTS**: Not available. **TERATOGENIC EFFECTS**: Not available.	
Medical Conditions Aggravated by Exposure	There is no known effect from chronic exposure to this product. Repeated or prolonged exposure is not known to aggravate any medical condition	
Overexposure/Signs/Symptoms	No information available	
FIRST AID MEASURES		
Eye Contact	Rinse with water for a few minutes. Seek medical attention if necessary.	
Skin Contact	**POLYMER**: NO know EFFECT on skin contact, rinse with water for a few minutes. **HEATED POLYMER**: For serious burns from heated polymer, get medical attention.	
Inhalation	Allow victim to rest in a well-ventilated area.	
Ingestion	No First Aid procedures are needed.	
Notes to Physician	Not available.	

SECTION 6 – EXPOSURE CONTROLS/PERSONAL PROTECTION		
Engineering Controls	Heated polymer requires local exhaust ventilation or other engineering control to reduce exposure to vapors below recommended levels.	
Personal Protection	*Eyes*	Safety glasses
	Body	No special protective clothing is required
	Respiratory	Ventilation is normally required when handling this product at high temperatures. Wear appropriate respirator when ventilation is inadequate.
	Hands	Thermally insulated gloves required when handling hot material.
	Feet	Safety slip proof shoes in areas where spills or leaks can occur.
Personal Protection in Case of Large Spill	Safety Glasses. Gloves.	

SECTION 6 – EXPOSURE CONTROLS/PERSONAL PROTECTION (Cont.)	
Product Name: Polypropylene	Exposure limits: Not available.
Contact local authorities for acceptable exposure limits	

SECTION 7—ACCIDENTAL RELEASE MEASURES	
Small Spill and Leak	Pellets on the floor could present a serious slipping problem. Good housekeeping must be maintained at all times to avoid this hazard. Sweep, shovel, or vacuum material into clean containers.
Large Spill or Leak	Use a shovel to put the material into a convenient waste disposal container.

SECTION 8 – HANDLING AND STORAGE	
Handling	Handling of plastic may form nuisance dust. Protect personnel. Pneumatic material handling and processing equipment may generate dust of sufficiently small particle size that, when suspended in air, may be explosive. Dust accumulations should be controlled through a comprehensive dust control program that includes, but is not limited to, source capture, inspection and repair of leaking equipment, routine housekeeping and employee training in hazards. See NFPA 654.
Storage	Keep container dry. Keep in a cool place. Ground all equipment containing material. Combustible materials should be stored away from extreme heat and away from strong oxidizing agents.

SECTION 9 ---TOXICOLOGICAL INFROMATION	
Toxicity to Animals	LD50: Not available LC50: Not available
Chronic Effects on Humans	**CARCINOGENIC EFFECTS**: Classified as NONE by NTP, NONE by OSHA, 3 (Not classifiable for human) by IARC.
Other Toxic Effects on Humans	Not considered to be dangerous to humans, according to our database.
Special Remarks on Toxicity to Animals	No additional remark.
Special Remarks on Chronic Effects on Humans	No additional remark.
Special Remarks on Other Toxic Effects on Humans	No additional remark

SECTION 10 – ECOLOGICAL INFORMATION	
Ecotoxicity	Not available.
DOB5 and COD	Not available.
Biodegradable/OECD	Not available.
Mobility	Not available.
Toxicity of the Products of Biodegradation	Not available.
Special Remarks on the Products of Biodegradation	No additional remark.

SECTION 11 – DISPOSAL CONSIDERATIONS	
Waste Information	Transfer to an approved disposal area in accordance with federal, state, and local regulations.
Waste Stream	Not available
Contact your local or regional authorities.	

SECTION 12 – TRANSPORT INFORMATION (for bulk shipments, non-bulk shipments may differ)	
DOT Classification for Bulk Shipments (Non-bulk shipments may differ.)	Not a DOT controlled material (United States)
DOT Proper Shipping Name	Not applicable
UN Number	Not applicable
Packing Group	No Applicable

SECTION 12 – TRANSPORT INFORMATION (Cont.)	
USCG Proper Shipping Name	Polypropylene
Marine Pollutant	Not available
Hazardous Substances Reportable Quantity	Not available
Special Provisions for Transport	Not Applicable
TDG Classifications	Not controlled under TDG (Canada)
ADR/RID Classifications	Not controlled under ADR (Europe)
IMO/IMDG Classifications	Not controlled under IMDG
ICAO/IATA Classifications	Not controlled under IATA

SECTION 13 – REGULATORY INFORMATION	
HCS Classifications	This product is not a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.
U.S. Federal Regulations	

SECTION 13 – REGULATORY INFORMATION (Cont.)	
International Regulations	
WHMIS (Canada)	Not controlled under WHMISS (Canada).
	EPA CSL: Polypropylene
EINECS	Not available.
DSCL (EEC)	Not controlled under DSCL (Europe)
International Lists	No products were found
State Regulations	No products were found. California prop. 65: There are no Proposition 65 chemicals present in our polypropylene resins at levels that would require a warning under the California State Drinking Water and Toxic Enforcement Act.

SECTION 14 – OTHER INFORMATION			
Label Requirements	Irritating vapors to respiratory system and eyes may form when polymer is processed at high temperatures. Molten or heated material in skin contact can cause severe burns.		
Hazardous Material Information System (U.S.A.)	Health: 0 Fire Hazard: 1 Reactivity: 0 Personal Protection:	National Fire Protection Association (U.S.A.)	Health: 0 Fire Hazard: 1 Reactivity: 0 Specific Hazard:
References	Chemtox Database Hazardous Substance Database		

<u>NOTE</u>: The information contained herein is provided in good faith and is believed to be correct as of the date hereof. However, Precision Brand Products, Inc. makes no representation as to the comprehensiveness or accuracy of the information. It is expected that individuals receiving the information will exercise their independent judgment in determining its appropriateness for a particular period. Accordingly, Precision Brand Products, Inc. will not be responsible for damages of any kind resulting from the use of or reliance upon such information. NO REPRESENTATIONS, OR WARRANTIES, EITHER EXPRESSED OR IMPLIED, OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER NATURE ARE MADE HEREUNDER TO WHICH THE INFORMATION REFERS. The responsibility to provide a safe workplace remains with the user. The user should consider the health hazards and safety information contained herein as a guide and should take those precautions required in an individual operation to instruct employees and develop work practice procedures for a safe work environment.