

Safety Data Sheet

PRO-FORM COPING MATERIAL

Section 1 – Identification of the Substance/Preparation and of the Company/Undertaking

Product Name:	ProForm Coping	Manufacturer:	KEYSTONE INDUSTRIES 52 King Street Myerstown, PA 17067
Chemical Name / Synonyms:	Polypropylene	Information Contacts:	(856)-663-4700
		Emergency Phone Numbers:	US & Canada (800) 535 - 5053
Family:	Homopolymer Polypropylene	EU Address:	KEYSTONE EUROPE LLC.
Product Use:	Vacuum Form Material		Batavenweg 7
Product #:	Various		5349BC OSS, Netherlands
			Emergency Phone Numbers: International: 1-352-323-3500

Section 2 – Hazards Identification

EMERGENCY OVERVIEW

This information is based on findings from related or similar materials.

- Material is not considered hazardous by OSHA per 29 CFR 1910
- Molten Resin cause severe thermal burns.
- Improper use can lead to mechanical cuts.

Potential Health Effects, Signs and Symptoms of Exposure:

Primary Route of Entry Inhalation, skin, and ingestion.

Eye	Dust contact with the eyes can lead to mechanical irritation. Elevated temperatures may generate vapor levels sufficient to cause eye irritation. Effects may include discomfort and redness.
Skin	Prolonged contact is essentially non-irritating to skin. Contact with dust can cause mechanical irritation or drying of the skin. Under normal processing conditions, material is heated to elevated temperatures; contact with the material can cause thermal burns. No adverse effects anticipated by skin absorption.
Ingestion	Low acute oral toxicity. Harmful effects not expected from swallowing small amounts. May cause choking if swallowed.
Inhalation	No adverse effects are anticipated from single exposure to dust. Inhalation of vapors in high concentration may cause irritation of respiratory system.

NOTE: Refer to Section 11, Toxicological Information for Details

Section 3 – Composition/Information on Ingredients

Chemical Identity	CAS Numbers	EINECS#	INCI Name	Exposure OSHA TWA/STEL	Limits ACGIH TWA/STEL	Carcinogen IARC/NTP/OSHA	%
Non-hazardous							
N/E – None Established		N/DA – No Data Available					
N/R – Not Reviewed		N/A – Not Applicable					

See Section 16 for Hazard and Precautionary Statement Key.

Section 4 – First Aid Measures

Solid Product is neither an irritant nor gives off hazardous vapors at ambient temperatures

- First Aid for Eye Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. If effects occur, consult a physician, preferably an ophthalmologist.
- First Aid for Skin Not a hazard at ambient conditions. Washing hands is preferable after use. If molten material comes in contact with skin, do not apply ice but cool under ice water or running stream of water. DO NOT attempt to remove the material from the skin. Removal could result in severe tissue damage. Seek immediate medical attention/advice.
- First Aid for Ingestion If swallowed, seek medical attention. May cause gastrointestinal blockage. Do not give laxatives. Do not induce vomiting without medical advice.
- First Aid for Inhalation Move to fresh air. If symptoms persist, call a physician.

Section 5 – Fire Fighting Measures

Flash Point (°F/°C)	Flammable Limit (vol%)	Auto-ignition Temperature (vol%)
N/A	N/A	N/A

Method:	
Extinguishing Media:	Suitable extinguishing media for the surrounding fire should be used.
Fire Fighting Instructions:	Film is self-extinguishing; however if burning is supported by another source of material, fumes could be irritating.
Unusual Hazards:	Use self-contained breathing apparatus when fighting fires.

Section 6 – Accidental Release Measures

- Spill or Release Minor spills – Clean up immediately. Slipping hazard.
- Procedures Major spills – Clear area of personnel. Restrict access to area. Clean up immediately. Slipping hazard. See section 8 & section 12.

Section 7 – Handling and Storage

- Handling: No special handling requirements.
- Storage: Store in a cool, dry location away from sparks. Material is hydroscopic, keep away from water & moisture.
- Explosion Hazard: Fine dust dispersed in air, in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard.

Section 8 – Exposure Controls / Personal Protection

- Engineering No special engineering control required. General ventilation should be sufficient for most operations.
- Controls
- Personal Protective Equipment**
- General To identify additional Personal Protective Equipment (PPE) requirements, it is recommended that a hazard assessment in accordance with the OSHA PPE Standard (29CFR1910.132), or European Standard EN166 be conducted before using this product.
- Eye/ Face Protection Wear safety glasses with side shields. Wear face shield during thermal process.
- Skin Protection Follow good industrial hygiene and safety practice. Do not eat, drink or smoke when using this product. Wash hands before breaks and immediately after handling the product. Use gloves to protect from mechanical injury. Use gloves with insulation for thermal protection when handling molten material.

Safety Data Sheet
PRO-FORM COPING MATERIAL

Respiratory Protection None under ordinary operating use.

Section 9 – Physical and Chemical Properties

Appearance	Odor & Odor Threshold	pH	Specific Gravity	Viscosity	% Volatile
Opaque to Whitish Sheets	Odorless	N/A	(H ₂ O=1): 0.90-0.92	N/A	N/A

Boiling Point/ Freezing Point	Decomposition Temperature	Octanol/Water Partitioning Coefficient Log P _{o/w}	Vapor Pressure:	Vapor Density	Evaporation Rate	Ignition	Solubility In Water (20°C)
N/A	N/DA	N/DA	Negligible	N/DA	N/DA	N/DA	Negligible

Flash Point (°F/°C)	Flammable Limit (vol%)	Auto-ignition Temperature (vol%)
N/A	N/A	N/A

Section 10 – Stability and Reactivity

Stability: Stable solid	Incompatibility (Materials to Avoid): None
Hazardous Decomposition Products: CO or CO ₂	Hazardous Polymerization: Will not occur

Conditions to Avoid: Heat, moisture, water

Section 11 – Toxicological Information

Acute Oral Toxicity	Acute Dermal Toxicity	Acute Inhalation Toxicity	Irritation – skin	Irritation – Eye
LD50 Oral (Rat): > 5000 mg/kg estimated	LD50 Dermal (Rabbit) > 2000 mg/kg estimated	N/DA	N/DA	N/DA
Sensitization		Mutagenicity		Sub-chronic Toxicity
N/DA		N/DA		N/DA

Section 12 – Ecological Information
Ecotoxicological Information

Acute Toxicity to Fish	Acute Toxicity to Invertebrates	Acute Toxicity to Algae	Bioconcentration	Toxicity to Sewage Bacteria
N/DA	N/DA	N/DA	N/DA	N/DA

Chemical Fate Information

Biodegradability	N/A. This material is not expected to bioaccumulate.
Chemical Oxygen Demand	N/DA

Section 13 – Disposal Considerations

Safety Data Sheet

PRO-FORM COPING MATERIAL

Dispose of in compliance with governmental regulation (state and federal).

Dispose of container and unused contents in accordance with federal, state and local requirements. For EU Member States, please refer to any relevant Community provisions relating to waste. In their absence, it is useful to remind the user that national or regional provisions may be in force.

Section 14 – Transport Information

Non-regulated, non-hazardous material: DOT, IATA, ICAO, IMO (IMDG), MEX, TDG.

Section 15 – Regulatory Information

US Federal Regulations

Clean Air Act: HAP/ODS	This product contains the following HAP’s or ODS: <input type="checkbox"/> NONE
Clean Water Act: Priority Pollutant	This product contains the following chemicals listed under the U. S. Clean Water Act Priority Pollutant and Hazardous Substance List: <input type="checkbox"/> None
FDA: Food Packaging Status	This product has not been cleared by the FDA for use in food packaging and / or other applications as an indirect food-packaging additive.
Occupational Safety and Health Act	This product is considered to be hazardous under the OSHA Hazard Communication Standard. It’s hazards are: <input type="checkbox"/> None
RCRA	This product contains the following chemicals considered to be hazardous waste under RCRA (40 CFR 261). <input type="checkbox"/> None
SARA Title III: Section 302 (RQ)	This product contains no chemicals regulated under Section 302 as extremely hazardous substances.
SARA Title III: Section 302 (TPQ)	This product does not contain chemicals regulated under Section 304 as extremely hazardous chemicals for emergency release notification (“CERCLA” List).
SARA Title III: Section 311-312:	This product is not considered to be hazardous under the OSHA Hazard Communication Standard and is regulated under Section 311-312 (40 CFR 370).
SARA Title III: Section 313:	This product contains the following chemicals which are subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372: <input type="checkbox"/> None
TSCA Section 8(b): Inventory:	This product complies with US TSCA requirements.
TSCA Significant New Use Rule:	None of the chemicals in this material have a SNUR under TSCA.

State Regulations

The components to this product are listed on the appropriate applicable state regulations.

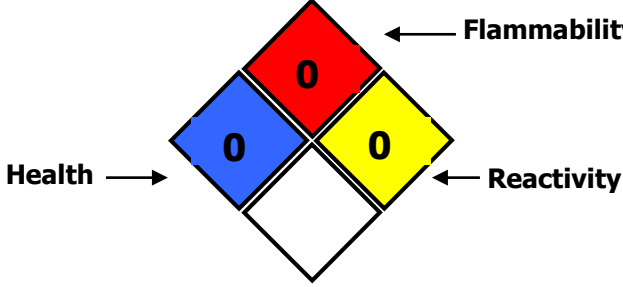
International Regulations

CDSL: Canadian Inventory (on Canadian Transitional List)	All components are listed, where applicable. Not controlled by WHMIS.
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Labeling according to EC directives – 1272/2008 {CLP} AND 1999/45/EC (items in parenthesis relate to 1999/45/EC)

European Community:	For Proform Coping (finished product): <ul style="list-style-type: none"> • DANGER SYMBOLS: N/A – non hazardous • HAZARD STATEMENT: N/A • PRECAUTIONARY STATEMENT: N/A
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Section 16 – Other Information
Hazard Rating System (Pictograms)

NFPA: 	HMIS: <table border="1"> <tr> <td style="background-color: #0000FF; color: white; text-align: center;">0</td> <td style="background-color: #0000FF; color: white;">Health</td> </tr> <tr> <td style="background-color: #FF0000; color: white; text-align: center;">1</td> <td style="background-color: #FF0000; color: white;">Flammability</td> </tr> <tr> <td style="background-color: #FFFF00; color: black; text-align: center;">0</td> <td style="background-color: #FFFF00; color: black;">Reactivity</td> </tr> <tr> <td style="background-color: #FFFFFF; color: black; text-align: center;"> </td> <td> </td> </tr> </table>	0	Health	1	Flammability	0	Reactivity		
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0	Reactivity								

MSDS Prepared by:	WME
Revision History:	03/17/11 Initial
	7/1/11 Added WHMIS info to section 15 SWR
	9/15/2014 Updated sections 2, 4, 7, 8, 9, 11, 14, & 16 BES
	6/12/15 Removed "Material" from Material Safety Data Sheet, and M from MSDS

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