Material Safety Data Sheet PROFORM COPING MATERIAL

Section 1 – Identification

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

Family: Homopolymer Polypropylene
Product Use: Vacuum Form Material
Product #: Various due to differing sizes

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 Prolong 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

<table>
<thead>
<tr>
<th>Chemical Identity</th>
<th>CAS Numbers</th>
<th>EINECS#</th>
<th>INCI Name</th>
<th>Exposure OSHA TWA/STEL</th>
<th>Limits ACGIH TWA/STEL</th>
<th>Carcinogen IARC/NTP/OSHA</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Non-hazardous</td>
<td>N/E – None Established</td>
<td>N/DATA – No Data Available</td>
<td>N/R – Not Reviewed</td>
<td>N/A – Not Applicable</td>
<td>N/A – Not Applicable</td>
<td>N/A – Not Applicable</td>
<td>N/A – Not Applicable</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Flash Point (°F/°C)</th>
<th>Flammable Limit (vol%)</th>
<th>Auto-ignition Temperature (vol%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

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

Section 6 – Accidental Release Measures

**Spill or Release Procedures**
Minor spills – Clean up immediately. Slipping hazard.
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 hygroscopic, 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 Controls**
No special engineering control required. General ventilation should be sufficient for most operations.

**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.
**Respiratory Protection**
None under ordinary operating use.

Section 9 – Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Appearance</th>
<th>Odor &amp; Odor Threshold</th>
<th>pH</th>
<th>Specific Gravity (H2O = 1): 0.90-0.92</th>
<th>Viscosity</th>
<th>% Volatile</th>
</tr>
</thead>
<tbody>
<tr>
<td>Opaque to Whitish Sheets</td>
<td>Odorless</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Boiling Point/ Freezing Point</th>
<th>Decomposition Temperature</th>
<th>Octanol/Water Partitioning Coefficient Log Po/w</th>
<th>Vapor Pressure (mmHg)</th>
<th>Vapor Density (g/cm³)</th>
<th>Evaporation Rate</th>
<th>Ignition</th>
<th>Solubility In Water (20°C)</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A</td>
<td>N/DA</td>
<td>N/DA</td>
<td>Negligible</td>
<td>N/DA</td>
<td>N/DA</td>
<td>N/DA</td>
<td>Negligible</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Flash Point (°F/°C)</th>
<th>Flammable Limit (vol%)</th>
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<td>N/A</td>
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</tr>
</tbody>
</table>

Section 10 – Stability and Reactivity

**Stability:**
Incompatibility (Materials to Avoid):
Stable solid

**Hazardous Decomposition Products:**
Hazardous Polymerization:
CO or CO2
Will not occur
**Conditions to Avoid:** Heat, moisture, water

### Section 11 – Toxicological Information

<table>
<thead>
<tr>
<th>Condition</th>
<th>Acute Oral Toxicity</th>
<th>Acute Dermal Toxicity</th>
<th>Acute Inhalation Toxicity</th>
<th>Irritation – skin</th>
<th>Irritation – Eye</th>
</tr>
</thead>
<tbody>
<tr>
<td>LD50 Oral (Rat): &gt; 5000 mg/kg estimated</td>
<td>LD50 Dermal (Rabbit) &gt; 2000 mg/kg estimated</td>
<td>N/DA</td>
<td>N/DA</td>
<td>N/DA</td>
<td>N/DA</td>
</tr>
</tbody>
</table>

- **Sensitization:** N/DA
- **Mutagenicity:** N/DA
- **Sub-chronic Toxicity:** N/DA

### Section 12 – Ecological Information

**Ecotoxicological Information**

<table>
<thead>
<tr>
<th>Condition</th>
<th>Acute Toxicity to Fish</th>
<th>Acute Toxicity to Invertebrates</th>
<th>Acute Toxicity to Algae</th>
<th>Bioconcentration</th>
<th>Toxicity to Sewage Bacteria</th>
</tr>
</thead>
<tbody>
<tr>
<td>LD50 Oral (Rat): &gt; 5000 mg/kg estimated</td>
<td>LD50 Dermal (Rabbit) &gt; 2000 mg/kg estimated</td>
<td>N/DA</td>
<td>N/DA</td>
<td>N/DA</td>
<td>N/DA</td>
</tr>
</tbody>
</table>

- **Chemical Fate Information**
  - **Biodegradability:** N/A. This material is not expected to bioaccumulate.
  - **Chemical Oxygen Demand:** N/DA

### Section 13 – Disposal Considerations

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:
    - 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:
    - 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:
    - None

- **RCRA**
  - This product contains the following chemicals considered to be hazardous waste under RCRA (40 CFR 261).
    - 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).
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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:

- 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

<table>
<thead>
<tr>
<th>CDSL: Canadian Inventory (on Canadian Transitional List)</th>
<th>All components are listed, where applicable. Not controlled by WHMIS.</th>
</tr>
</thead>
</table>

Labeling according to EC directives – 1272/2008 (CLP) AND 1999/45/EC (items in parenthesis relate to 1999/45/EC)

<table>
<thead>
<tr>
<th>European Community:</th>
<th>For Proform Coping (finished product):</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>• DANGER SYMBOLS: N/A – non hazardous</td>
</tr>
<tr>
<td></td>
<td>• HAZARD STATEMENT: N/A</td>
</tr>
<tr>
<td></td>
<td>• PRECAUTIONARY STATEMENT: N/A</td>
</tr>
</tbody>
</table>

Section 16 – Other Information

Hazard Rating System (Pictograms)

<table>
<thead>
<tr>
<th>NFPA:</th>
<th>HMIS:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flammability</td>
<td>0 Health</td>
</tr>
<tr>
<td>Reactivity</td>
<td>1 Flammability</td>
</tr>
<tr>
<td>1 Health</td>
<td>0 Reactivity</td>
</tr>
</tbody>
</table>

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

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