

## **SAFETY DATA SHEETS**

**This SDS packet was issued with item:**

072795243

**The safety data sheets (SDS) in this packet apply to one or more components included in the items listed below. Items listed below may require one or more SDS. Please refer to invoice for specific item number(s).**

070606160 070640011 071141621 071160696 072794246 072794592 072794600 072795219 072795227 072795235  
072795250 072795276 072795284 072795292 072795300 072795318 072795359 072795383 072795938 072796274  
072796373 075341953

**Section 1 – Identification**

<b>Product Name:</b>	<b>ProForm Splint and Temporary Retainer of Various Thicknesses</b>	<b>Manufacturer:</b>	KEYSTONE INDUSTRIES 52 King Street Myerstown, PA 17067
<b>Chemical Name / Synonyms:</b>	Copolyester	<b>Information Contacts:</b>	(856)-663-4700
<b>Family:</b>	Copolyester	<b>Emergency Phone Numbers:</b>	US & Canada ( 800 ) 535 - 5053
<b>Product Use:</b>	Vacuum Form Material	<b>EU Address:</b>	<b>KEYSTONE EUROPE LLC.</b> Batavenweg 7 5349BC OSS, Netherlands
<b>Product #:</b>	Various	<b>Emergency Phone Numbers:</b>	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	N/A
Skin	Prolong contact is essentially non-irritating to skin. There can be mechanical injury, if impacted with 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	If un-formed material becomes lodged in subject's mouth, do not swallow, spit it out.
Inhalation	Inhalation of dust may cause respiratory irritation. Fumes produced during thermal process may cause irritation.

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	This material is non-irritating upon contact, except upon impact as any foreign particle in the eye.
First Aid for Skin	Not a hazard at ambient conditions. Washing hands is preferable after use. Contact with heated material may cause thermal burns. Do not attempt to remove material from skin. Cool rapidly with cold water. Obtain medical treatment. Treatment as any normal thermal burn.
First Aid for Ingestion	Do not swallow. Material is not expected to cause an ingestion problem.
First Aid for Inhalation	N/A

**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: Vinyl film is self extinguishing; however if burning is supported by another source of material, fumes could be irritating.  
 Instructions:  
 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 hygroscopic, keep away from water & moisture.  
 Explosion Hazard: None.

**Section 8 – Exposure Controls / Personal Protection**

Engineering Controls: No special engineering controlled required.

**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: Thermal insulating glove when handling molten product.  
 Respiratory Protection: None under ordinary operating use.

**Section 9 – Physical and Chemical Properties**

Appearance	Odor & Odor Threshold	pH	Specific Gravity	Viscosity	% Volatile		
Clear, film or sheets	Odorless	N/A	(H <sub>2</sub> O = 1): 1.25-1.35	N/A	N/A		
Boiling Point/ Freezing Point	Decomposition Temperature	Octanol/Water Partitioning Coefficient Log Po/w	Vapor Pressure:	Vapor Density	Evaporation Rate	Ignition	Solubility In Water (20°C)
N/A	N/DA	N/DA	N/A	N/A	N/A	N/A	N/A
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  
**Hazardous Decomposition Products:** CO or CO<sub>2</sub>  
**Conditions to Avoid:** Heat, moisture, water

**Incompatibility (Materials to Avoid):** None  
**Hazardous Polymerization:** Will not occur

**Section 11 – Toxicological Information**

Acute Oral Toxicity	Acute Dermal Toxicity	Acute Inhalation Toxicity	Irritation – skin	Irritation – Eye
N/DA	N/DA	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**

<b>Biodegradability</b>	N/A. This material is not expected to bioaccumulate.
<b>Chemical Oxygen Demand</b>	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, IMO (IMDG).

**Section 15 – Regulatory Information**
**US Federal Regulations**

Clean Air Act: HAP/ODS	This product contains the following HAP's or ODS: <ul style="list-style-type: none"> <li>• NONE</li> </ul>
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: <ul style="list-style-type: none"> <li>• None</li> </ul>
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: <ul style="list-style-type: none"> <li>• None</li> </ul>
RCRA	This product contains the following chemicals considered to be hazardous waste under RCRA ( 40 CFR 261). <ul style="list-style-type: none"> <li>• None</li> </ul>
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: <ul style="list-style-type: none"> <li>• None</li> </ul>
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.

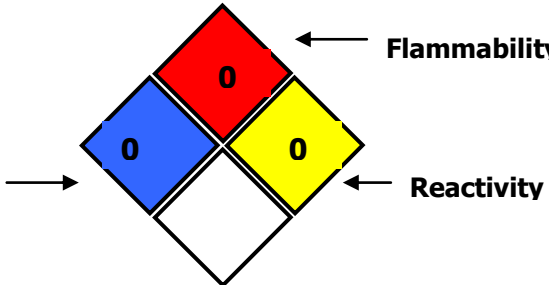
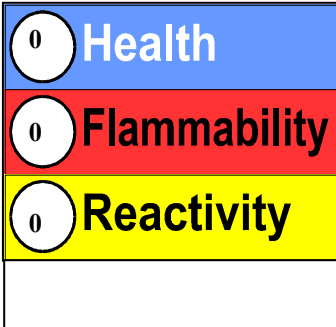
**International Regulations**

CDSL: Canadian Inventory (on Canadian Transitional List)	All components are listed, where applicable, Not controlled under WHMIS.
---	--

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

European Community:	<b>For Proform Splint and Temp. Retainer (finished product):</b> <ul style="list-style-type: none"> <li>• DANGER SYMBOLS: N/A – non hazardous</li> <li>• HAZARD STATEMENT: N/A</li> <li>• PRECAUTIONARY STATEMENT: N/A</li> </ul>
---------------------	---

**Section 16 – Other Information**
**Hazard Rating System (Pictograms)**

<b>NFPA:</b>  	<b>HMIS:</b>  
---	---

MSDS Prepared by:	WME
Revision History:	03/08/11 Initial
Revision History:	06/23/11 Updated WHMIS.

The information presented herein was obtained from sources considered to be reliable. However, this information is provided without any warranty, expressed or implied, regarding its correctness or suitability for consumers intended use and/or application. For this and other reasons, we assume no responsibility and expressly disclaim liability for loss, damage or expense arising out of any way connected with the handling, storage, use or disposal of the product. This MSDS was prepared expressly for this product. Use the materials only as directed. If the product is used as a component of another product, the information contained within the MSDS may not be applicable. If there are any problems or concerns understanding this MSDS form, please direct all questions to INFOTRAC, Chemical Emergency Resources System at 1(800) 535-5053.

Keystone Industries components are provided on an as is basis without warranties of any kind either expressed or implied. Keystone Industries does not warrant the use or the results of use of the materials sold on an as is basis since they are intended for remanufacturing or repackaging. It is the sole responsibility of the user to examine and determine appropriate application and regulatory requirements associated with said Keystone Industries components.



# Safety Data Sheet

# PRO-FORM SPLINT AND RETAINER

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

<b>Product Name:</b>	<b>Pro-Form Splint and Temporary Retainer of Various Thicknesses</b>	<b>Manufacturer:</b>	KEYSTONE INDUSTRIES 52 King Street Myerstown, PA 17067
<b>Chemical Name / Synonyms:</b>	Copolyester	<b>Information Contacts:</b>	(856)-663-4700
<b>Family:</b>	Copolyester	<b>Emergency Phone Numbers:</b>	US & Canada ( 800 ) 535 - 5053
<b>Product Use:</b>	Vacuum Form Material	<b>EU Address:</b>	<b>KEYSTONE EUROPE LLC.</b> Batavenweg 7 5349BC OSS, Netherlands
<b>Product #:</b>	9614780, 90; 9614800, 10, 16, 20, 30, 40, 50, 60, 70, 75, 80; 9614950; 9615025	<b>Emergency Phone Numbers:</b>	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	N/A
Skin	Prolong contact is essentially non-irritating to skin. There can be mechanical injury, if impacted with 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	If un-formed material becomes lodged in subject’s mouth, do not swallow, spit it out.
Inhalation	Inhalation of dust may cause respiratory irritation. Fumes produced during thermal process may cause irritation.

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	This material is non-irritating upon contact, except upon impact as any foreign particle in the eye.
First Aid for Skin	Not a hazard at ambient conditions. Washing hands is preferable after use. Contact with heated material may cause thermal burns. Do not attempt to remove material from skin. Cool rapidly with cold water. Obtain medical treatment. Treatment as any normal thermal burn.
First Aid for Ingestion	Do not swallow. Material is not expected to cause an ingestion problem.
First Aid for Inhalation	N/A

## Safety Data Sheet

# PRO-FORM SPLINT AND RETAINER

### Section 5 – Fire Fighting Measures

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

**Method:**

Extinguishing Media: Suitable extinguishing media for the surrounding fire should be used.  
 Fire Fighting Instructions: Vinyl 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 hygroscopic, keep away from water & moisture.  
 Explosion Hazard None.

### Section 8 – Exposure Controls / Personal Protection

Engineering Controls No special engineering controlled required.

**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 Thermal insulating glove when handling molten product.  
 Respiratory Protection None under ordinary operating use.

### Section 9 – Physical and Chemical Properties

<b>Appearance</b>	<b>Odor &amp; Odor Threshold</b>	<b>pH</b>	<b>Specific Gravity</b>	<b>Viscosity</b>	<b>% Volatile</b>
Clear, film or sheets	Odorless	N/A	(H <sub>2</sub> O = 1): 1.25-1.35	N/A	N/A

<b>Boiling Point/ Freezing Point</b>	<b>Decomposition Temperature</b>	<b>Octanol/Water Partitioning Coefficient Log Po/w</b>	<b>Vapor Pressure:</b>	<b>Vapor Density</b>	<b>Evaporation Rate</b>	<b>Ignition</b>	<b>Solubility In Water (20°C)</b>
N/A	N/DA	N/DA	N/A	N/A	N/A	N/A	N/A

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

### Section 10 – Stability and Reactivity

**Stability:** Stable solid  
**Hazardous Decomposition Products:** CO or CO<sub>2</sub>  
**Conditions to Avoid:** Heat, moisture, water

**Incompatibility (Materials to Avoid):** None  
**Hazardous Polymerization:** Will not occur

**Section 11 – Toxicological Information**

<b>Acute Oral Toxicity</b>	<b>Acute Dermal Toxicity</b>	<b>Acute Inhalation Toxicity</b>	<b>Irritation – skin</b>	<b>Irritation – Eye</b>
N/DA	N/DA	N/DA	N/DA	N/DA
<b>Sensitization</b>		<b>Mutagenicity</b>	<b>Sub-chronic Toxicity</b>	
N/DA		N/DA	N/DA	

**Section 12 – Ecological Information**

**Ecotoxicological Information**

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

**Chemical Fate Information**

<b>Biodegradability</b>	N/A. This material is not expected to bioaccumulate.
<b>Chemical Oxygen Demand</b>	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, IMO (IMDG).

**Section 15 – Regulatory Information**

**US Federal Regulations**

Clean Air Act: HAP/ODS	This product contains the following HAP’s or ODS: <ul style="list-style-type: none"> <li>NONE</li> </ul>
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: <ul style="list-style-type: none"> <li>None</li> </ul>
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: <ul style="list-style-type: none"> <li>None</li> </ul>
RCRA	This product contains the following chemicals considered to be hazardous waste under RCRA ( 40 CFR 261). <ul style="list-style-type: none"> <li>None</li> </ul>
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).



**Safety Data Sheet**
**PRO-FORM SPLINT AND RETAINER**

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: <ul style="list-style-type: none"> <li>• None</li> </ul>
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.
--

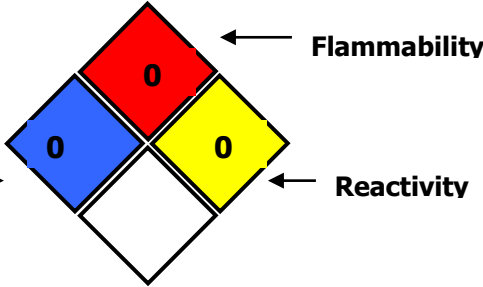
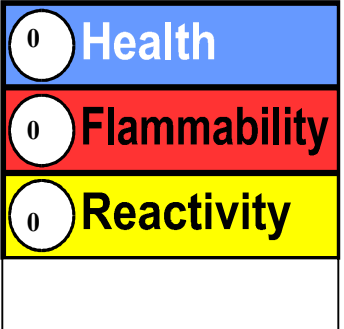
**International Regulations**

CDSL: Canadian Inventory (on Canadian Transitional List)	All components are listed, where applicable, Not controlled under WHMIS.
--	--

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

European Community:	<b>For Proform Splint and Temp. Retainer (finished product):</b> <ul style="list-style-type: none"> <li>• DANGER SYMBOLS: N/A – non hazardous</li> <li>• HAZARD STATEMENT: N/A</li> <li>• PRECAUTIONARY STATEMENT: N/A</li> </ul>
---------------------	---

**Section 16 – Other Information**
**Hazard Rating System (Pictograms)**

<b>NFPA:</b> 	<b>HMIS:</b> 
---	---

Initial SDS Prepared by:	WME 03/08/11
Revision History:	06/23/11 Updated WHMIS.
	6/12/15 Removed "Material" from Material Safety Data Sheet, and M from MSDS

The information presented herein was obtained from sources considered to be reliable. However, this information is provided without any warranty, expressed or implied, regarding its correctness or suitability for consumers intended use and/or application. For this and other reasons, we assume no responsibility and expressly disclaim liability for loss, damage or expense arising out of any way connected with the handling, storage, use or disposal of the product. This SDS was prepared expressly for this product. Use the materials only as directed. If the product is used as a component of another product, the information contained within the SDS may not be applicable. If there are any problems or concerns understanding this SDS form, please direct all questions to INFOTRAC, Chemical Emergency Resources System at 1(800) 535-5053.

Keystone Industries components are provided on an as is basis without warranties of any kind either expressed or implied. Keystone Industries does not warrant the use or the results of use of the materials sold on an as is basis since they are intended for remanufacturing or repackaging. It is the sole responsibility of the user to examine and determine appropriate application and regulatory requirements associated with said Keystone Industries components.