

## **SAFETY DATA SHEETS**

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

072796324

**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).**

071084516 075347273

**Section 1 – Identification**
**Product Name:** ProForm Base Plate and Custom Tray

**Manufacturer:** KEYSTONE INDUSTRIES  
 52 King Street Myerstown, PA 17067

**Chemical Name / Synonyms:** Styrene Copolymer

**Information Contacts:** (856)-663-4700

**Emergency Phone Numbers:** US & Canada ( 800 ) 535 - 5053

**Family:** High Impact Styrene  
**Product Use:** Vacuum Form Material

**EU Address:** KEYSTONE EUROPE LLC.  
 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** 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	%
Styrene Butadiene Copolymer	9003-55-8	N/E	Styrene / Butadiene Copolymer	N/E	N/E	N/E	>95
Mineral Oil	8042-47-5	232-455-8	Paraffinum Liquidum	N/E	N/E	N/E	<5
N/E – None Established N/R – Not Reviewed	N/DA – No Data Available 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: Dense black smoke is emitted when burned without sufficient oxygen. Positive pressure, wear self contained breathing apparatus in any closed space.  
 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.  
 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
Pink or Blue Thermoplastic Sheet	Odorless	N/A	(H <sub>2</sub> O = 1): N/A	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>, smoke, hydrocarbons  
**Conditions to Avoid:** Heat  
**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).
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.
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**State Regulations**

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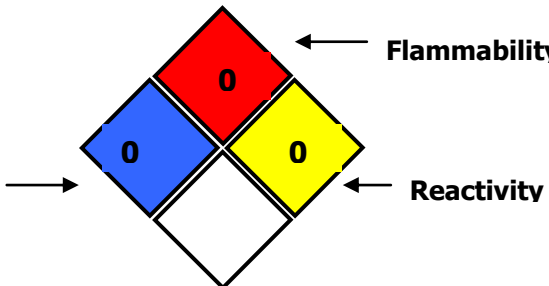
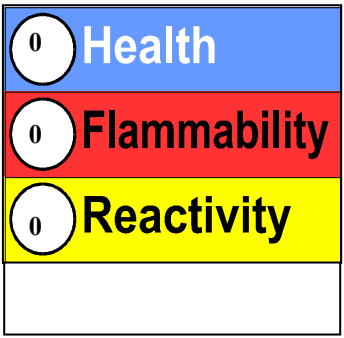
**International Regulations**

CDSL: Canadian Inventory (on Canadian Transitional List)	Styrene Butadiene- CAS# 9003-55-8, Not controlled under WHMIS. Mineral Oil- CAS# 8042-47-5, Not controlled under 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:	<b>For Proform Base Plate &amp; Custom Tray (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>
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**Section 16 – Other Information**
**Hazard Rating System (Pictograms)**

<b>NFPA:</b>  	<b>HMIS:</b>  
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MSDS Prepared by:	WME
Revision History:	03/09/11 Initial
Revision History:	06/23/11 Updated WHMIS.

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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.

## Section 1. Identification

**GHS product identifier** : Proform Dual Laminates (E-Gasket)

**Other means of identification** : Not available.

**Product code** : 9604700, 9604700R1, 9604700R2, 9604750, 9603580, 9603580R1, 9603580R2, 9603605, 9603605R1, 9603605R2

**Product type** : Solid.

**Product use** : Dental Products

**Relevant identified uses of the substance or mixture and uses advised against**

Not applicable.

**Supplier's details** : Keystone Industries  
52 West King Street  
Myerstown, PA 17067  
(856) 663-4700

**Emergency telephone number (with hours of operation)** : (800) 535-5053

## Section 2. Hazards identification

This product as sold is an article that does not release substances and is therefore non-hazardous; however, it may be composed of hazardous components and the user should be aware of any hazards indicated in this SDS, which apply to those hazardous components, in case his/her use may lead to exposure to those components through dust, molten product, vapors, or other forms.

**OSHA/HCS status** : While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.

**Classification of the substance or mixture** : Not classified.

Percentage of the mixture consisting of ingredient(s) of unknown toxicity: 100%

**GHS label elements**

**Signal word** : No signal word.

**Hazard statements** : No known significant effects or critical hazards.

**Precautionary statements**

**Prevention** : Not applicable.

**Response** : Not applicable.

**Storage** : Not applicable.

**Disposal** : Not applicable.

**Hazards not otherwise classified** : None known.

## Section 3. Composition/information on ingredients

**Substance/mixture** : Mixture  
**Other means of identification** : Not available.

### CAS number/other identifiers

**CAS number** : Not applicable.

There are no ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

## Section 4. First aid measures

### Description of necessary first aid measures

**Eye contact** : Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.

**Inhalation** : Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.

**Skin contact** : Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.

**Ingestion** : Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.

### Most important symptoms/effects, acute and delayed

#### Potential acute health effects

**Eye contact** : No known significant effects or critical hazards.  
**Inhalation** : No known significant effects or critical hazards.  
**Skin contact** : No known significant effects or critical hazards.  
**Ingestion** : No known significant effects or critical hazards.

#### Over-exposure signs/symptoms

**Eye contact** : No specific data.  
**Inhalation** : No specific data.  
**Skin contact** : No specific data.  
**Ingestion** : No specific data.

### Indication of immediate medical attention and special treatment needed, if necessary

**Notes to physician** : Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

**Specific treatments** : No specific treatment.

**Protection of first-aiders** : No action shall be taken involving any personal risk or without suitable training.

See toxicological information (Section 11)

## Section 5. Fire-fighting measures

### Extinguishing media

- Suitable extinguishing media** : Use an extinguishing agent suitable for the surrounding fire.
- Unsuitable extinguishing media** : None known.

**Specific hazards arising from the chemical** : No specific fire or explosion hazard.

**Hazardous thermal decomposition products** : Decomposition products may include the following materials:  
carbon dioxide  
carbon monoxide  
halogenated compounds

**Special protective actions for fire-fighters** : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

**Special protective equipment for fire-fighters** : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

## Section 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

- For non-emergency personnel** : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment.
- For emergency responders** : If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

**Environmental precautions** : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

### Methods and materials for containment and cleaning up

- Small spill** : Move containers from spill area. Vacuum or sweep up material and place in a designated, labeled waste container. Dispose of via a licensed waste disposal contractor.
- Large spill** : Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas. Vacuum or sweep up material and place in a designated, labeled waste container. Dispose of via a licensed waste disposal contractor. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

## Section 7. Handling and storage

### Precautions for safe handling

- Protective measures** : Put on appropriate personal protective equipment (see Section 8).
- Advice on general occupational hygiene** : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.



## Section 7. Handling and storage

**Conditions for safe storage, including any incompatibilities** : Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

## Section 8. Exposure controls/personal protection

### Control parameters

#### Occupational exposure limits

None.

**Appropriate engineering controls** : Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

**Environmental exposure controls** : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

### Individual protection measures

**Hygiene measures** : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

**Eye/face protection** : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.

### Skin protection

**Hand protection** : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

**Body protection** : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

**Other skin protection** : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

**Respiratory protection** : Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

## Section 9. Physical and chemical properties

### Appearance

**Physical state** : Solid. [Plastic.]

**Color** : Clear.

**Odor** : Characteristic.

**pH** : Not applicable.

**Melting point** : Not available.

**Boiling point** : Not available.

## Section 9. Physical and chemical properties

<b>Flash point</b>	: [Product does not sustain combustion.]
<b>Lower and upper explosive (flammable) limits</b>	: Not available.
<b>Vapor pressure</b>	: Not available.
<b>Vapor density</b>	: Not available.
<b>Relative density</b>	: 1.3 to 1.4
<b>Solubility</b>	: Insoluble in the following materials: cold water and hot water.
<b>Solubility in water</b>	: Not available.
<b>Partition coefficient: n-octanol/water</b>	: Not available.
<b>Auto-ignition temperature</b>	: Not available.
<b>Viscosity</b>	: Not available.

## Section 10. Stability and reactivity

<b>Reactivity</b>	: No specific test data related to reactivity available for this product or its ingredients.
<b>Chemical stability</b>	: The product is stable.
<b>Possibility of hazardous reactions</b>	: Under normal conditions of storage and use, hazardous reactions will not occur.
<b>Conditions to avoid</b>	: No specific data.
<b>Incompatible materials</b>	: No specific data.
<b>Hazardous decomposition products</b>	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## Section 11. Toxicological information

### Information on toxicological effects

**Information on the likely routes of exposure** : Not available.

### Potential acute health effects

<b>Eye contact</b>	: No known significant effects or critical hazards.
<b>Inhalation</b>	: No known significant effects or critical hazards.
<b>Skin contact</b>	: No known significant effects or critical hazards.
<b>Ingestion</b>	: No known significant effects or critical hazards.

### Symptoms related to the physical, chemical and toxicological characteristics

<b>Eye contact</b>	: No specific data.
<b>Inhalation</b>	: No specific data.
<b>Skin contact</b>	: No specific data.
<b>Ingestion</b>	: No specific data.

### Delayed and immediate effects and also chronic effects from short and long term exposure

#### Short term exposure

## Section 11. Toxicological information

**Potential immediate effects** : Not available.

**Potential delayed effects** : Not available.

### Long term exposure

**Potential immediate effects** : Not available.

**Potential delayed effects** : Not available.

### Potential chronic health effects

Not available.

**General** : No known significant effects or critical hazards.

**Carcinogenicity** : No known significant effects or critical hazards.

**Mutagenicity** : No known significant effects or critical hazards.

**Teratogenicity** : No known significant effects or critical hazards.

**Developmental effects** : No known significant effects or critical hazards.

**Fertility effects** : No known significant effects or critical hazards.

### Numerical measures of toxicity

#### Acute toxicity estimates

Not available.

## Section 12. Ecological information

### Toxicity

Not available.

### Bioaccumulative potential

Not available.

### Mobility in soil

**Soil/water partition coefficient ( $K_{oc}$ )** : Not available.

**Other adverse effects** : No known significant effects or critical hazards.

## Section 13. Disposal considerations

**Disposal methods** : The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

## Section 14. Transport information

	<b>DOT Classification</b>	<b>TDG Classification</b>	<b>Mexico Classification</b>	<b>ADR/RID</b>	<b>IMDG</b>	<b>IATA</b>
<b>UN number</b>	Not regulated.	Not regulated.	Not regulated.	Not regulated.	Not regulated.	Not regulated.
<b>UN proper shipping name</b>	-	-	-	-	-	-
<b>Transport hazard class(es)</b>	-	-	-	-	-	-
<b>Packing group</b>	-	-	-	-	-	-
<b>Environmental hazards</b>	No.	No.	No.	No.	No.	No.
<b>Additional information</b>	-	-	-	-	-	-

**Special precautions for user** : **Transport within user's premises:** always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

**Transport in bulk according to Annex II of MARPOL and the IBC Code** : Not available.

## Section 15. Regulatory information

**U.S. Federal regulations** : **TSCA 8(a) CDR Exempt/Partial exemption:** All components are listed or exempted.  
**United States inventory (TSCA 8b):** All components are listed or exempted.

**Clean Air Act Section 112 (b) Hazardous Air Pollutants (HAPs)** : Not listed

**Clean Air Act Section 602 Class I Substances** : Not listed

**Clean Air Act Section 602 Class II Substances** : Not listed

**DEA List I Chemicals (Precursor Chemicals)** : Not listed

**DEA List II Chemicals (Essential Chemicals)** : Not listed

### SARA 302/304

#### Composition/information on ingredients

No products were found.

**SARA 304 RQ** : Not applicable.

### SARA 311/312

**Classification** : Not applicable.

#### Composition/information on ingredients

No products were found.

## Section 15. Regulatory information

### State regulations

- Massachusetts** : None of the components are listed.  
**New York** : None of the components are listed.  
**New Jersey** : The following components are listed: PVC; ETHENE, CHLORO-, HOMOPOLYMER  
**Pennsylvania** : None of the components are listed.  
**Canada inventory** : All components are listed or exempted.

### International regulations

- International lists** :
- Australia inventory (AICS)**: All components are listed or exempted.
  - China inventory (IECSC)**: All components are listed or exempted.
  - Japan inventory (ENCS)**: All components are listed or exempted.
  - Japan inventory (ISHL)**: Not determined.
  - Korea inventory**: All components are listed or exempted.
  - Malaysia Inventory (EHS Register)**: Not determined.
  - New Zealand Inventory of Chemicals (NZIoC)**: All components are listed or exempted.
  - Philippines inventory (PICCS)**: All components are listed or exempted.
  - Taiwan Chemical Substances Inventory (TCSI)**: All components are listed or exempted.
  - Turkey inventory**: Not determined.

**Chemical Weapons  
Convention List Schedule  
I Chemicals** : Not listed

**Chemical Weapons  
Convention List Schedule  
II Chemicals** : Not listed

**Chemical Weapons  
Convention List Schedule  
III Chemicals** : Not listed

## Section 16. Other information

### Hazardous Material Information System (U.S.A.)

Health	0
Flammability	0
Physical hazards	0
Personal protection	

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings are not required on SDSs under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered mark of the National Paint & Coatings Association (NPCA). HMIS® materials may be purchased exclusively from J. J. Keller (800) 327-6868.

The customer is responsible for determining the PPE code for this material.

### National Fire Protection Association (U.S.A.)



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## Section 16. Other information

Copyright ©2001, National Fire Protection Association, Quincy, MA 02269. This warning system is intended to be interpreted and applied only by properly trained individuals to identify fire, health and reactivity hazards of chemicals. The user is referred to certain limited number of chemicals with recommended classifications in NFPA 49 and NFPA 325, which would be used as a guideline only. Whether the chemicals are classified by NFPA or not, anyone using the 704 systems to classify chemicals does so at their own risk.

### History

**Date of printing** : 7/18/2016  
**Date of issue/Date of revision** : 7/15/2016  
**Date of previous issue** : No previous validation  
**Version** : 1

### Key to abbreviations

: ATE = Acute Toxicity Estimate  
 BCF = Bioconcentration Factor  
 GHS = Globally Harmonized System of Classification and Labelling of Chemicals  
 IATA = International Air Transport Association  
 IBC = Intermediate Bulk Container  
 IMDG = International Maritime Dangerous Goods  
 LogPow = logarithm of the octanol/water partition coefficient  
 MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)  
 UN = United Nations

**References** : Not available.

✔ Indicates information that has changed from previously issued version.

### Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

Information contained within this SDS is only to be distributed as required by law.