

Material Safety Data Sheet  
May be used to comply with  
OSHA's Hazard Communication Standard,  
29 CFR 1910.1200. Standard must be  
consulted for specific requirements.

U.S. Department of Labor  
Occupational Safety and Health  
Administration (Non-Mandatory Form)  
Form Approved  
OMB No. 1218-0072

Identity (as used on label  
and list): Nylon PolySkate™

Note: Blank spaces are not permitted. If any item is not applicable,  
the space must be marked to indicate that.

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## SECTION I - MANUFACTURER INFORMATION

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Manufacturer's Name:	Kastalon Inc.	Emergency Telephone No.:	708-389-2210
Address:	4100 W. 124th Place	Telephone for Information:	708-389-2210
	Alsip, IL 60803-1876	Date Prepared:	June 10, 2008

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## SECTION II - HAZARDOUS INGREDIENTS / IDENTIFY INFORMATION

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Hazardous Components (Specify Chemical Identity): Base resin – CAS Number 32131-17-2  
This compound may contain varying amounts of polymers, stabilizers, and processing aids. Any hazardous chemicals that may be included in these mixtures are present in concentrations of less than 1.0 percent.

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## SECTION III - PHYSICAL / CHEMICAL CHARACTERISTICS

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Boiling Point:	N/A	Specific Gravity (H <sub>2</sub> O = 1):	1.35
Vapor Pressure (mm Hg):	N/A	Melting Point:	215°C (419°F)
Vapor Density (Air = 1):	N/A	Evaporation Rate:	N/A
Solubility in Water:	Insoluble	Appearance and Odor:	White solid

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## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

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Flash Point (Method Used):	N/A	LEL:	N/A
Flammable Limits:	N/A	UEL:	N/A
Extinguishing Media:	Water or dry chemical.		
Special Firefighting Procedures:	Wear self-contained breathing apparatus approved by NIOSH		

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## SECTION V - REACTIVITY DATA

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Stability:	Stable.
Conditions to Avoid:	Exposure to open flame or temperatures exceeding optimum recommended processing temperatures. Also avoid prolonged exposure to processing temperatures.
Incompatibility (Materials to Avoid):	Strong mineral acids.
Hazardous Polymerization:	Will not occur
Hazardous Decomposition or Byproducts:	Thermal breakdown products may include a complex mixture of organic and inorganic compounds including but not limited to simple hydrocarbons, aldehydes, ketones, inorganic oxides, carboxylic acids of many molecular weights and structures, and possibly trace amounts of hydrogen cyanide and other materials depending on the product grade, specific temperature, time of exposure, and other immediate environmental factors.

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## SECTION VI - HEALTH HAZARD DATA

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Routes of Entry:	Skin and inhalation of vapors, if overheated.
Signs and Symptoms of Exposure:	No specific information available concerning exposure to the product. If formaldehyde is released as an off-gas, a burning sensation and tearing of the eyes may occur. An irritating odor may be noted.
Severe Immediate Hazards:	For skin: Contact with hot or molten polymer may cause thermal burns. For inhalation: Thermal processing fumes and vapors may cause irritation to the nose and throat.
Emergency and First Aid Procedures:	For skin: If hot polymer burns the skin, immerse burned area in cold running water and obtain medical attention immediately. For inhalation: Remove affected individual to fresh air; obtain medical attention for irritation or other exposure symptom.

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## SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

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Steps to be Taken in Case Material is Released or Spilled:	Pick up and handle as any other solid material.
Precautions to be Taken in Handling and Storage:	Handling: When thermal or melt processing, wear long pants, long sleeves, well insulated gloves, and face shield when there is a chance of contact. Storage: Store in a cool dry place.
Ecological Data:	Under normal conditions: N/A

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## SECTION VIII - CONTROL MEASURES

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Respiratory Protection:	For exposures to thermal processing fumes or vapors in excess of permissible exposure levels, use an organic vapor respirator approved by NIOSH. Excessive nuisance dust may be irritating to the eyes and breathing passages and may cause skin abrasion. The American Conference of Governmental Industrial Hygienists recommends a threshold limit value (TLV) of 10 milligrams per cubic meter of air for general nuisance dust.
Ventilation:	Maintain vapor or dust levels below the permissible TLV concentration by the use of an adequate local or mechanical (general) exhaust system which discharges at a point outside the workplace.
Eye/Face Protection:	None required in normal use. For grinding operations, use safety goggles and face shield.
Other Protective Clothing:	None required

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## SECTION IX - TRANSPORTATION INFORMATION

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D.O.T. Shipping Name:	Not regulated
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## SECTION X - REGULATORY INFORMATION

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SARA Title III Hazard Class	None
SARA Title III, Section 313 Toxic Chemical:	Toxic chemicals present in quantities greater than the "from minimus" level are: none.