

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): Blue Vinyl-Koat

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 Alsip, IL 60803-1876	Telephone for Information:	708-389-2210
		Date Prepared:	October 14, 1997

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## SECTION II - HAZARDOUS INGREDIENTS / IDENTIFY INFORMATION

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Hazardous Component:	Dioctyl phthalate (DOP) <sup>1,2</sup>	Exposure Limits, ACGIH/TLV:	5 mg/m <sup>3</sup> STEL: 10 mg/m <sup>3</sup>
CAS No.:	117-81-7	Exposure Limits, OSHA/PEL:	5 mg/m <sup>3</sup> STEL: 10 mg/m <sup>3</sup>
Weight Percentage:	20% - 50%	Vapor Pressure:	0 mm Hg
Hazardous Component:	Barium compound <sup>2</sup>	Exposure Limits, ACGIH/TLV:	0.5 mg/m <sup>3</sup>
CAS No.:	Not applicable	Exposure Limits, OSHA/PEL:	Not determined
Weight Percentage:	< 1%	Vapor Pressure:	31.8 mm Hg

<sup>1</sup>DOP has been reported to cause cancer in laboratory animals following oral administration.

<sup>2</sup>Toxic chemical as defined by OSHA, 29CFR 1910.1200 and subject to SARA Title III, Section 313 reporting requirements.

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## SECTION III - PHYSICAL / CHEMICAL CHARACTERISTICS

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Boiling Point:	None	Specific Gravity (H <sub>2</sub> O = 1):	1.40
Evaporation Rate:	Non-volatile	Volatiles Volume %:	< 1%
Vapor Density (Air = 1):	Non-volatile	Appearance:	Opaque tube
Liquid Density:	Heavier than water	Volatile Organic Compounds:	None

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## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

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Flammability Class:	III B	LEL:	None
Flash Point (Method Used):	> 600°F	UEL:	None
Extinguishing Media:	Water, dry chemical, foam or carbon dioxide.		
Special Firefighting Procedures:	Wear self-contained breathing apparatus (SCBA) in positive pressure mode. Personnel not having suitable respiratory protection must leave the area to prevent significant exposure to combustion gases from any source. In enclosed or poorly ventilated areas, wear SCBA during cleanup immediately after a fire as well as during the attack phase of firefighting operations.		
Unusual Fire and Explosion Hazards:	Combustion of PVC liberates hydrogen chloride (HCl) gas		

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## SECTION V - REACTIVITY DATA

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Stability:	Stable	Incompatibility (Materials to Avoid):	Stable
Conditions to Avoid:	Combustion or decomposition	Hazardous Decomposition or Byproducts:	Decomposition through burning produces carbon dioxide, carbon monoxide, hydrogen chloride gas

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## SECTION VI - HEALTH HAZARD DATA

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Permissible Exposure Level:	Not applicable
Effects of Overexposure:	For skin: Thermal burns will occur if molten compound comes in contact with unprotected skin. For inhalation: When molten, flexible PVC will release vapors which can be mildly irritating to some persons. This can be controlled by proper ventilation.
Emergency and First Aid Procedures:	For skin: Treat burns the same as any other thermal burn. For inhalation: Move affected person to fresh air. If breathing is difficult, administer oxygen. If difficulty persists, get medical attention.

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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:	None required.
Waste Disposal Method:	Landfill disposal is usually acceptable. Dispose of material according to any local, state and federal regulations.
Precautions to be Taken in Handling and Storage:	Wash with soap and water after handling.
Other Precautions:	Avoid breathing decomposition products.

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## SECTION VIII - CONTROL MEASURES

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Respiratory Protection:	None required.	Ventilation:	None required.
Protective Gloves:	None required.	Eye Protection:	None required.
Other Protective Clothing or Equipment:	None required		