

MATERIAL SAFETY DATA SHEET

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MSDS NO: 6723  
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1. PRODUCT NAME & HAZARD SUMMARY

**6723 VIVIBEADS** BEADED SIZING FOR PERCHLOROETHYLENE SOLVENT  
 PRIMARY USE: FABRIC SIZING

NFPA HAZARD	RATING	SARA TITLE III, SECTION 313	CANADA (WHMIS)
HEALTH	0 MINIMAL	APPLICABLE ( )	SOLID - NOT REGULATED
FIRE	1 SLIGHT	NOT APPLICABLE (X)	
REACTIVITY	0 MINIMAL		

2. HAZARDOUS COMPONENTS	%	OSHA (PPM)	ACGIH (PPM)	LD 50 (MG/KG)
HYDROCARBON RESIN C.A.S. #66003-51-0	100.0	N.AV.	PEL 10 mg/m <sup>3</sup>	TWA N.AV. STEL >5,000

INGREDIENTS NOT IDENTIFIED ARE NON-HAZARDOUS.

3. PHYSICAL & CHEMICAL DATA

APPEARANCE: YELLOW PELLETS	EVAPORATION RATE (ETHER = 1): N.AP.
ODOR: NONE	VAPOR DENSITY (AIR =1): N.AP.
BOILING PT.: N.AP.	VAPOR PRESSURE (MM): N.AP.
FREEZING PT.: N.AP.	SOLUBILITY IN WATER: 0%
pH: N.AP.	SPECIFIC GRAVITY (WATER = 1): 1.08
% VOLATILE: 0%	CO-EFFICIENT OF WATER/OIL DISTRIBUTION: N.AV.
ODOR THRESHOLD (PPM): N.AP.	

4. FIRE & EXPLOSION HAZARDS

FLASH POINT: 410°F (210°C) ASTM D1310  
 FLAMMABLE LIMITS IN AIR, % BY VOLUME: N.AP.  
 FIRE FIGHTING MEDIA (1990 EMERGENCY RESPONSE GUIDEBOOK, DOT P 5800.5): Dry chemical, CO<sub>2</sub>, water spray or alcohol foam.  
 SPECIAL FIRE-FIGHTING PROCEDURES: Wear self-contained breathing apparatus.  
 UNUSUAL FIRE AND EXPLOSION: None  
 HAZARDOUS COMBUSTION PRODUCTS: Oxides of Carbon  
 CONDITIONS OF FLAMMABILITY: Not determined  
 AUTO IGNITION TEMP. (°C): N.AP.  
 EXPLOSION DATA: - SENSITIVITY TO MECHANICAL IMPACT: N.AP.  
 SENSITIVITY TO STATIC DISCHARGE: N.AP.

5. REACTIVITY HAZARD DATA

STABILITY (CONDITIONS TO AVOID): Stable  
 INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizers  
 HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition may release carbon, phosphorus  
 HAZARDOUS POLYMERIZATION (CONDITIONS TO AVOID): Will not occur

6. HEALTH HAZARD DATA

PRIMARY ROUTES OF ENTRY:            INHALATION   X      SKIN                   INGESTION       

WARNING! MAY CAUSE EYE IRRITATION. MAY BE HARMFUL IF SWALLOWED.

SIGNS & SYMPTOMS OF EXPOSURE: (ACUTE & CHRONIC)

EYES: May cause mechanical irritation.  
 SKIN: No irritation.  
 INGESTION: Relatively non-toxic, LD50 greater than 5000 mg/kg.

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**6. HEALTH HAZARD DATA (cont'd)**

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INHALATION: N.AP.

IRRITANCY OF PRODUCT: nil, inert solid

SENSITIZATION TO PRODUCT: N.AV.

CARCINOGENICITY, REPRODUCTIVE TOXICITY, TERATOGENICITY, MUTAGENICITY: N.AV.

TOXICOLOGICALLY SYNERGISTIC PRODUCTS: N.AV.

**EMERGENCY AND FIRST AID PROCEDURES:**

EYES: Remove contact lenses, if worn. Flush with water for at least 15 min. Call a physician.

SKIN: Wash area with water or soap and water.

INHALATION: None required, material is a solid.

INGESTION: Treat symptomatically, get medical attention.

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**7. SPILL AND LEAK PROCEDURES**

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Remove mechanically.

LARGE SPILLS: Sweep or vacuum, place in a container for disposal.

SMALL SPILLS: Sweep or vacuum, place in a container for disposal.

WASTE DISPOSAL METHOD: May be considered a hazardous waste, dispose of according to all applicable regulations. Incineration in permitted facilities or disposal in permitted land fills are preferred disposal methods.

HANDLING PROCEDURES &amp; EQUIPMENT: No special requirements.

STORAGE REQUIREMENTS: No special requirements.

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**8. SPECIAL PROTECTION, PREVENTATIVE MEASURES/IN CASE OF LARGE SPILL OR FIRE**

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ENGINEERING CONTROLS/VENTILATION: Normal room ventilation.

RESPIRATOR: None required.

PERSONAL PROTECTIVE EQUIPMENT: Wear goggles when handling product.

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**9. TRANSPORTATION DATA**

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DOT HAZARD CLASSIFICATION 49 CFR172.101: None, not regulated

DOT LABEL: None

U.N./IATA: Not regulated

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**10. STATE RIGHT TO KNOW INFORMATION**

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HYDROCARBON RESIN-C.A.S. #66003-51-0

**ABBREVIATIONS:**

OSHA = Occupational Safety &amp; Health Administration

TWA = Time Weighted Average for 8 Hours

Mg/M<sup>3</sup> = Milligrams per Cubic Meter of Air

NFPA = National Fire Protection Agency

(C) = Ceiling, Limit for Exposure

DOT = Department of Transportation

MG/KG = Milligrams per Kilogram (1,000 grams)

WHMIS = Workplace Hazardous Materials Information System - Canada

ACGIH = American Conference of Government Industrial Hygienists

R.Q. = Amount of spill that must be reported to EPA

SARA Title III, Sec. 313 = Superfund Amendments and Reauthorization Act

C.A.S. = Chemical Abstract Service Number

LD 50 = Lethal Dose for 50% Test Animals

PEL = Permissible Exposure Level

STEL = Short Term Exposure Level (15 min)

ppm = part(s) per million

SKN = Skin Effects

IATA = International Air Transport Association

N.AV. = Not Available

N.AP. = Not Applicable

U.N. = United Nations

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