

## Material Safety Data Sheet (MSDS)

<b>SECTION I - MATERIAL IDENTIFICATION AND USE</b>				
Material Name Robco 4029				
Manufacturer's Name		Supplier's Name Robco		
Address		Address 7200 St. Patrick		
City, Province		City, Province LaSalle, Québec		
Postal Code		Emergency Phone No.		Postal Code H8N 2W7
				Emergency Phone No. (514) 367-2252
Chemical Name		Chemical Family Kevlar Aromatic Polyamides		Chemical Formula (CO-NH-R <sub>2</sub> ) <sub>n</sub>
Trade Name and synonyms Kevlar - Aramid		Molecular Weight		Material Use
<b>SECTION II - HAZARDOUS INGREDIENTS OF MATERIAL</b>				
Hazardous Ingredients	Approximate Concentration (%)	CAS, NA or UN Numbers	LD <sub>50</sub> (specify species & route)	LC <sub>50</sub> (specify species & route)
Aromatic Polyamides PTFE	60-70% 30-40%	26125-61-1 9002-84-0		
<b>SECTION III - PHYSICAL DATA FOR MATERIAL</b>				
Physical State <input type="checkbox"/> Gas <input type="checkbox"/> Liquid <input checked="" type="checkbox"/> Solid			Odour and appearance Yellowish braided packing	
Odour threshold (PPM)		Specific Gravity N/A	Vapour Pressure (MM)	Vapour Density (Air = 1)
Evaporation Rate		Boiling Point (°C)	Freezing Point (°C)	Solubility in water (20 °C)  N/A
%Volatile (by volume)		pH		Coefficient of water/oil distribution
		N/A		
<b>SECTION IV - FIRE AND EXPLOSION HAZARD OF MATERIAL</b>				
Flammability <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, under which conditions? Will burn under sustained fire.				
Means of extinction Water, Dry chemical.				
Special procedures Wear breathing apparatus.				

Flashpoint (°C) and method N/A	Upper Explosion Limit (% by volume) N/A	Lower Explosion Limit (% by volume) N/A
Autoignition Temperature (°C) N/A		Hazardous combustion products
<b>EXPLOSION DATA</b>		
Sensitivity to mechanical impact N/A.		Sensitivity to static discharge
<b>SECTION V - REACTIVITY DATA</b>		
Chemical Stability <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If no, under which conditions? Stable.		
Incompatibility to other substances <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If so, which ones?		
Reactivity and under what conditions?		
Hazardous decomposition products N/A		
<b>SECTION VI - TOXICOLOGICAL PROPERTIES OF MATERIAL</b>		
Route of entry <input type="checkbox"/> Skin Contact <input type="checkbox"/> Skin Absorption <input type="checkbox"/> Eye Contact <input type="checkbox"/> Inhalation, Acute <input type="checkbox"/> Inhalation, Chronic <input type="checkbox"/> Ingestion		
Effects of acute exposure to material None under normal usage.		
Effects of chronic exposure to material See above.		
LD <sub>50</sub> of material (specify species & route)	LC <sub>50</sub> of material (specify species & route)	
Exposure (Limits) N/A.	Irritancy of material	
Sensitization of material	Synergistic materials	
Carcinogenicity, reproductive effects, teratogenicity, mutagenicity None known.		
<b>SECTION VII - PREVENTIVE MEASURES</b>		
<b>PERSONAL PROTECTIVE EQUIPMENT</b>		
Gloves (specify) N/A	Eye (specify) N/A	
Respiratory (specify)		

N/A		
Other (specify)		
Engineering controls (e.g., ventilation, enclosed process, specify)		
Leak and spill procedures N/A		
Waste Disposal		
Handling procedures and equipment N/A		
Storage requirements N/A		
Special shipping information N/A		
<b>SECTION VIII - FIRST AID MEASURES</b>		
Skin: N/A Eye: Inhalation: N/A Ingestion:		
Additional Information		
<b>SECTION IX - PREPARATION DATE OF MSDS</b>		
Prepared by (group, department, etc.) Robco	Telephone Number (514) 367-2252	Date June 12, 2007
Additional Notes or References: The foregoing information is submitted voluntarily for the Health and security of our clients. The information should be considered as reliable and should be used by competent technical personnel, at their own risk.		