

## Material Safety Data Sheet (MSDS)

<b>SECTION I - MATERIAL IDENTIFICATION AND USE</b>				
Material Name Robco 1121				
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 Polytetrafluoroethylene		Chemical Family Fluorocarbon Resins		Chemical Formula (C2F4) <sub>n</sub>
Trade Name and synonyms		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)
PTFE	100%	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 white odorless braided packing		
Odour threshold (PPM) N/A	Specific Gravity 1.2	Vapour Pressure (MM) N/A	Vapour Density (Air = 1) N/A	
Evaporation Rate N/A	Boiling Point (°C) N/A	Freezing Point (°C) N/A	Solubility in water (20 °C) N/A	
%Volatile (by volume) N/A		pH N/A	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? Since hydrogen fluoride and perfluoroisobutylene could be evolved when heated over 300° C. fire fighters should use respiratory equipment.				
Means of extinction H <sub>2</sub> O - CO <sub>2</sub> - Dry powder				

Special procedures See above description		
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 Perfluoroisobutylene, Hydrogen Fluoride	
<b>EXPLOSION DATA</b>		
Sensitivity to mechanical impact N/A	Sensitivity to static discharge N/A	
<b>SECTION V - REACTIVITY DATA</b>		
Chemical Stability If no, under which conditions?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Incompatibility to other substances If so, which ones?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Reactivity and under what conditions?		
Hazardous decomposition products Traces amounts of hydrogen fluoride and perfluoroisobutylene may be evolved at high temperature (above 204° C.). Avoid elevated temperature and incineration.		
<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 Care should be taken not to contaminate tobacco and other smoking utensils, or to incinerate without alkaline scrubbing as thermally decomposed P.T.F.E. may cause polymer fume fever with flu like symptoms.		
Effects of chronic exposure to material N/A		
LD <sub>50</sub> of material (specify species & route) N/A	LC <sub>50</sub> of material (specify species & route) N/A	
Exposure (Limits) N/A	Irritancy of material N/A	
Sensitization of material N/A	Synergistic materials N/A	
Carcinogenicity, reproductive effects, teratogenicity, mutagenicity N/A		
<b>SECTION VII - PREVENTIVE MEASURES</b>		

PERSONAL PROTECTIVE EQUIPMENT		
Gloves (specify) Recommended	Eye (specify) Safety glasses recommended	
Respiratory (specify) With high temp. provide adequate ventilation. Wear breathing apparatus		
Other (specify) Use clothing sufficient to prevent skin contact from dust/fumes when needed. Wash hands before smoking and eating.		
Engineering controls (e.g., ventilation, enclosed process, specify) Mechanical ventilation recommended particularly when cutting.		
Leak and spill procedures Sweep or shovel solid material. If dust is generated, sweep or vacuum in a manner so as not to create any additional dust.		
Waste Disposal Burial Dispose in accordance with local, provincial and federal regulations and laws.		
Handling procedures and equipment No special requirements		
Storage requirements Store in a cool and dry place.		
Special shipping information No special requirements.		
<b>SECTION VIII - FIRST AID MEASURES</b>		
Skin: Wash with mild soap and water. If irritation persists consult a physician. Eye: Flush with water for at least 15 minutes, if irritation persists seek medical attention. Inhalation: Remove patient from contaminated environment. Ingestion: Consult physician.		
Additional Information Avoid creating dust. Follow good industrial housekeeping and personal hygiene practices. Wash hands thoroughly before eating or smoking.		
<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.		