

MATERIAL SAFETY DATA SHEET

SECTION I – MATERIAL IDENTIFICATION AND USE		Controlled Product Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
Material Name: Top Coat Ceramic		Product Identification Number: SR1		Flammability	Reactivity
Manufacturer's Name: Cantex Coatings Ltd.		Supplier's Name: Cantex Coatings Ltd.			
Street Address: 1329 Heine Court		Street Address: 1329 Heine Court		Health	Personal Protection
City: Burlington	Province: Ontario	City: Burlington	Province: Ontario		
Postal Code: L7L 6A7	Emergency Telephone No.: 1-888-663-2689	Postal Code: L7L 6A7	Emergency Telephone No.: 1-888-663-2689		
Chemical Name: Acrylic Copolymer	Chemical Family: Chemical mixture	Chemical Formula: N/A			
Molecular Weight: N/A	Trade Name & Synonyms: FC Base Coat	Material Use: Coating			

SECTION II – HAZARDOUS INGREDIENTS OF MATERIAL

Hazardous Ingredients	Approximate Concentration %	C.A.S. N.A. or U.N. Numbers	"Exposure limits"	LD ₅₀ / LC ₅₀ Specify Species and Route
Ammonia Hydroxide	<1%	001336-21-6	35 ppm	N/A
Propylene Glycol	2.1%	00057-55-6	None	N/A

SECTION III – PHYSICAL DATA FOR MATERIAL

Physical State Gas <input type="checkbox"/> Liquid <input checked="" type="checkbox"/> Solid <input type="checkbox"/>	Odor and Appearance White Adhesive Paste – Bland Odour		Odour Threshold (p.p.m.) N/A	Specific Gravity 1.464
Vapour Pressure (mm) 25	Vapour Density (Air = 1) <1 (Air=1)	Evaporation Rate <1	Boiling Point (°C) 100 - 204	Freezing Point (°C) 32 °F (0 °C)
Solubility in Water (20°C) N/A	% Volatile (by volume) <1	pH N/A	Coefficient of water/oil distribution N/A	

SECTION IV – FIRE AND EXPLOSION HAZARD OF MATERIAL

Flammability	If yes, under which conditions:			
Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>				
Means of Extinction: Water				
Special Procedures: Cool fire exposed containers with water.-Material can splatter above 100C. Observe recommended procedures in handling fire areas, Wear appropriate NIOSH or approved fire fighting equipment including a self contained breathing apparatus.				
Flashpoint (°C): >100	Upper explosion limit (% by volume): None	Lower explosion limit (% by volume): None		
Auto Ignition Temperature: N/A	Hazardous Combustion Products: None			
Explosion Data: None	Rate of Burning: N/A	Explosive Power : N/A	Sensitivity to Static Discharge: No	
Sensitivity to Mechanical Impact				

SECTION IV – FIRE AND EXPLOSION HAZARD OF MATERIAL

Chemical Stability: If no, under which conditions?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>			
Incompatibility to other substances: If so, which ones	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> May react with strong oxidizing agents			
Reactivity and under what conditions:				
Hazardous Decomposition Products:				
Carbon Monoxide and Carbon Dioxide				

Material Name/identifier Top Coat Ceramic		
SECTION VI – TOXICOLOGICAL PROPERTIES OF PRODUCT		
Route of Entry <input checked="" type="checkbox"/> Skin Contact <input type="checkbox"/> Skin Absorption <input checked="" type="checkbox"/> Eye Contact <input type="checkbox"/> Inhalation Acute <input type="checkbox"/> Inhalation Chronic <input checked="" type="checkbox"/> Ingestion		
Effects of Acute Exposure to Product Inhalation: prolonged contact may cause irritation of upper and lower respiratory tracts, nausea, headaches, dizziness; Ingestion: can cause nausea, vomiting, diarrhea and gastrointestinal irritation; Eyes: may cause irritation, redness and tearing.		
Effects of Chronic Exposure to Product Not listed as a carcinogen by the NTP, IARC, or OSHA: no long term adverse effects are known		
LD ₅₀ of Product (Specify Species and Route) N/A	Irritancy of Product N/A	Exposure limits of Product N/A
LC ₅₀ of Product (Specify Species) N/A	Sensitization to Product N/A	Synergistic materials N/A
X Carcinogenicity <input type="checkbox"/> Reproductive Effects <input type="checkbox"/> Teratogenicity <input type="checkbox"/> Mutagenicity		
SECTION VII – PREVENTATIVE MEASURES		
Personal Protective Equipment		
Gloves (Specify): Rubber or plastic chemical resistant	Respiratory (Specify): Not required with adequate ventilation	Eye (Specify): Chemical splash proof goggles or face shield.
Footwear (Specify): Shoe protection is recommended.	Other (Specify)	
Clothing (Specify): Impervious work clothing is recommended		
Engineering Controls (e.g. ventilation, enclosed process, specify): Local exhaust		
Leak and Spill Procedure: Add absorbent to liquid. Keep out of sewers and waterways. Adding to the spilled material some of the salt solution that is used when the material is supplied, will cause the material to ball up, then it can be picked up intact and discarded appropriately.		
Waste Disposal: Disposal in approved landfill in accordance with Federal, State, Provincial and Local regulations.		
Handling Procedures and Equipment: Avoid prolonged contact with skin. Practice good personal hygiene.		
Storage Requirements: DO NOT HEAT, PROTECT FROM FREEZING		
Special Shipping Information: DO NOT FREEZE PRODUCT		
SECTION VIII – FIRST AID MEASURES		
Skin: Wash off with soap and water. If redness, etc. persists, consult a physician.		
Eye: Flush with large amounts of water. Emulsion is alkaline. Consult a physician.		
Inhalation: Remove to fresh air and rest, apply artificial respiration to person who loses consciousness and call a doctor immediately		
Ingestion: Drink 2 glasses of water. DO NOT INDUCE VOMITING. Consult a physician.		
General Advice: Launder contaminated clothing before reuse. Use control protection such as chemical splash proof goggles, oil resistant gloves, barrier cream. Follow proper container management in disposing of containers. The customer is responsible for determining the proper personal protective equipment needed for its particular use of this material. Users should consider this data only as a supplement to other information gathered by them and must make independent determinations of suitability and completeness of information from all sources to assure proper use and disposal of these materials and the safety and health of employees and customers.		
SECTION IX – PREPARATION DATE OF M.S.D.S.		
Additional Information SAX'S DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS, 8 th EDITION, Richard J. Lewis Sr., Van Nostrand Reinhold, ISBN 0-422-01276-4		
Source Used		
Prepared By: Cantex Coatings Ltd./ Experchem Laboratories Inc.	Phone Number 1-888-663-2689 / 905-665-2134	Date October 12, 2006