





# MATERIAL SAFETY DATA SHEET

SECTION I – MATERIAL IDENTIFICATION AND USE				Controlled Product Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		<div style="background-color: red; color: white; text-align: center; padding: 5px;">  </div> <div style="background-color: yellow; color: black; text-align: center; padding: 5px;">  </div>
Material Name: <b>Top Coat Ceramic</b>			Product Identification Number: <b>SR1</b>			
Manufacturer's Name: <b>Cantex Coatings Ltd.</b>			Supplier's Name: <b>Cantex Coatings Ltd.</b>			
Street Address: <b>2390 Industrial St</b>			Street Address: <b>2390 Industrial St</b>			
City: <b>Burlington</b>	Province: <b>Ontario</b>	City: <b>Burlington</b>	Province: <b>Ontario</b>	<div style="background-color: blue; color: white; text-align: center; padding: 5px;">  </div> <div style="background-color: white; color: black; text-align: center; padding: 5px;">  </div>		
Postal Code: <b>L7P 1A5</b>	Emergency Telephone No.: <b>1-888-663-2689</b>	Postal Code: <b>L7P 1A5</b>	Emergency Telephone No.: <b>1-888-663-2689</b>			
Chemical Name: <b>Acrylic Copolymer</b>	Chemical Family: <b>Chemical mixture</b>	Chemical Formula: <b>N/A</b>				
Molecular Weight: <b>N/A</b>	Trade Name & Synonyms: <b>FC Base Coat</b>	Material Use: <b>Coating</b>				
SECTION II – HAZARDOUS INGREDIENTS OF MATERIAL						
Hazardous Ingredients		Approximate Concentration %	C.A.S. N.A. or U.N. Numbers	"Exposure limits"	LD <sub>50</sub> / LC <sub>50</sub> Specify Species and Route	
<b>Ammonia Hydroxide</b>		<1%	001336-21-6	35 ppm	N/A	
<b>Propylene Glycol</b>		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 <b>White Adhesive Paste – Bland Odour</b>		Odour Threshold (p.p.m.) <b>N/A</b>	Specific Gravity <b>1.464</b>		
Vapour Pressure (mm) <b>25</b>	Vapour Density (Air = 1) <b>&lt;1 (Air=1)</b>	Evaporation Rate <b>&lt;1</b>	Boiling Point (°C) <b>100 - 204</b>	Freezing Point (°C) <b>32 °F (0 °C)</b>		
Solubility in Water (20°C) <b>N/A</b>	% Volatile (by volume) <b>&lt;1</b>	pH <b>N/A</b>	Coefficient of water/oil distribution <b>N/A</b>			
SECTION IV – FIRE AND EXPLOSION HARZARD OF MATERIAL						
<b>Flammability</b> If yes, under Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> which conditions:						
<b>Means of Extinction:</b> <b>Water</b>						
<b>Special Procedures:</b> 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): <b>&gt;100</b>	Upper explosion limit (% by volume): <b>None</b>		Lower explosion limit (% by volume): <b>None</b>			
Auto Ignition Temperature: <b>N/A</b>			Hazardous Combustion Products: <b>None</b>			
Explosion Data: <b>None</b>	Rate of Burning: <b>N/A</b>	Explosive Power : <b>N/A</b>		Sensitivity to Static Discharge: <b>No</b>		
Sensitivity to Mechanical Impact						
SECTION IV – FIRE AND EXPLOSION HARZARD OF MATERIAL						
<b>Chemical Stability:</b> If no, Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> under which conditions?						
<b>Incompatibility to other substances:</b> If so, which ones Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> <b>May react with strong oxidizing agents</b>						
<b>Reactivity and under what conditions:</b>						
<b>Hazardous Decomposition Products:</b>						
<b>Carbon Monoxide and Carbon Dioxide</b>						

Material Name/identifier Top Coat Ceramic		
<b>SECTION VI – TOXICOLOGICAL PROPERTIES OF PRODUCT</b>		
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 <sub>50</sub> of Product (Specify Species and Route) N/A	Irritancy of Product N/A	Exposure limits of Product N/A
LC <sub>50</sub> 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		
<b>SECTION VII – PREVENTATIVE MEASURES</b>		
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.	Clothing (Specify): Impervious work clothing is recommended	Other (Specify)
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		
<b>SECTION VIII – FIRST AID MEASURES</b>		
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.		
<b>SECTION IX – PREPARATION DATE OF M.S.D.S.</b>		
Additional Information SAX'S DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS, 8 <sup>th</sup> EDITION, Richard J. Lewis Sr., Van Norstand 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, 2009