

# MATERIAL SAFETY DATA SHEET

<b>SECTION I – MATERIAL IDENTIFICATION AND USE</b>		Controlled Product Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
Material Name: <b>Trowell Rubber</b>		Product Identification Number: <b>TR1</b>		Flammability	Reactivity
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>		Health	Personal Protection
City: <b>Burlington</b>	Province: <b>Ontario</b>	City: <b>Burlington</b>	Province: <b>Ontario</b>		
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>Asphalt Emulsion</b>	Chemical Family: <b>Blend of de-stabilized asphalt emulsion</b>	Chemical Formula: <b>N/A</b>			
Molecular Weight: <b>N/A</b>	Trade Name & Synonyms: <b>Premier Rubber Membrane Part A</b>	Material Use: <b>A protective 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
Ashphalt	55-65	8052-42-4	N/A	N/A
Neoprene	25-35	25053-30-9	N/A	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>Black with a slight asphaltic odor</b>	Odour Threshold (p.p.m.) <b>N/A</b>	Specific Gravity <b>1.1</b>
Vapour Pressure (mm) <b>To water</b>	Vapour Density (Air = 1) <b>Unknown</b>	Evaporation Rate <b>&lt;1</b>	Boiling Point (°C) <b>212 °F</b>
Solubility in Water (20°C) <b>N/A</b>	% Volatile (by volume) <b>N/A</b>	pH <b>N/A</b>	Freezing Point (°C) <b>32 °F (0 °C)</b>
			Coefficient of water/oil distribution <b>N/A</b>

## SECTION IV – FIRE AND EXPLOSION HAZARD OF MATERIAL

Flammability If yes, under  
Yes  No  which conditions:

Means of Extinction: **Water; this product will not combustion until all water has evaporated.**

Special Procedures:

Fire extinguishing instruction: **In the event of fire involving this material proper protective equipment including self contained breathing apparatus must be worn before entering any confined and closed spaces. Combustion product will produce water vapour and carbon deoxidized with efficient air. In circumstances involving reduced air availability may produce carbon monoxide and heavy black smoke.**

Flashpoint (°C) and Method: <b>N/D</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 Mechanical Impact	Sensitivity to Static Discharge: <b>No</b>	

## SECTION IV – FIRE AND EXPLOSION HAZARD OF MATERIAL

Chemical Stability: If no,  
Yes  No  under which conditions?

Incompatibility to other substances: If so, which ones  
Yes  No  **May react with strong oxidizing agents and acids**

Reactivity and under what conditions:

Hazardous Decomposition Products:  
**Carbon Monoxide, Carbon Dioxide and Hydrogen Chloride**

Material Name/identifier Trowel Rubber			
<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 and/or dermatitis; Ingestion: can cause gastrointestinal irritation; Eyes: may cause irritation, blurred vision. Persons with a history of chronic skin or respiratory disorders may be at increased risk for a worsening of their condition from exposure to this product.			
Effects of Chronic Exposure to Product Prolonged or repeated skin contact with this product may result in irritation and dermatitis. <b>Asphalt:</b> The International Agency for Research on Cancer (IARC) has determined that there is sufficient evidence for the carcinogenicity of extract of steam-refined bitumens, air-refined bitumens and pooled mixtures of steam and air-refined bitumens in experimental animals. Possible skin cancer hazard based on tests with laboratory animals. This product may contain polynuclear aromatic hydrocarbons, some of which may be types that have been shown to cause skin cancer in laboratory animals. This product has not been tested as a whole for all potential health effect. It may have other health hazards related to its components. Skin contact, breathing of mists, fumes or vapors should be reduced to a minimum to avoid any ill effects. Chronic health effects would not be expected as long as good hygiene and proper safety precautions are practiced.			
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): Oil resistant recommended	Respiratory (Specify)	Eye (Specify): Chemical splash proof goggles recommended.	Footwear (Specify): Shoe protection is recommended.
Clothing (Specify): Impervious work clothing is recommended	Other (Specify)		
Engineering Controls (e.g. ventilation, enclosed process, specify): Normally not needed			
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 the material dries on the skin, abrasive soap may be indicated, or vegetable (cooking) oil, or aerosol lecithin (PAM) may be used to lift the material off the skin (rub it gently on the material) then wash with mild soap and water. If redness, etc. persists, consult a physician.			
Eye: Flush with large amounts of water. Emulsion is alkaline. Consult a physician.			
Inhalation: N/A			
Ingestion: Material is expected to be inert in the digestive tract, but chronic ingestion must be avoided due to unknown effects. Consult a physician.			
General Advice: Launder contaminated clothing before reuse. Use control protection such as chemical splash proof goggles, oil resistant gloves, barrier cream. Clean tools and equipment with mineral spirits, adhering to manufacturer's precautions. DO NOT USE GASOLINE. 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 <sup>th</sup> EDITION, Richard J. Lewis Sr., Van Nostrand Reinhold, ISBN 0-422-01276-4			
Source Used			
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