

## Section 1: Material Information and Use

Material Name:	<b>Weatherlastic Finishes</b> (all colours, bases and textures)	Emergency Telephone:	<b>905-642-0444</b>
Supplier Name:	<b>dryvit systems Canada</b> 129 Ringwood Drive Stouffville, Ontario L4A 8A2	WHMIS Classification:	Class D, Division 2
Chemical Name:	not applicable	Chemical Family:	not applicable
Chemical Formula:	not applicable	Molecular Weight:	not applicable
Material Use:	Exterior Latex Coating/Acrylic	Product Identification #:	not applicable

## Section 2: Hazardous Ingredients of Material

Hazardous Ingredients	Approximate Concentration (% wt.)	CAS, NA or UN Number	TLV (mg/m <sup>3</sup> )	LC50/LD50
Acrylic Emulsion	8-12	CAS not applicable	n/a	>5 g/kg (ratio)
Silica (encapsulated)	60-75	14808-60-7	10*	oral, ratio 3.16 g/kg
Formaldehyde	<1	50-00-0	1 ppm	n/a
Aluminum Silicate	5-10	37244-96-5	n/a	n/a

\* 0.05 mg/m<sup>3</sup> as respirable crystalline silica.

## Section 3: Physical Data for Material

Physical State:	Slurry	Vapour Density (Air =1):	>1
Odour & Appearance:	Viscous colour, ammonia odour	** Evaporation Rate:	>1
Odour Threshold:	n/a	Boiling Point (°C):	>100
Specific Gravity:	n/a	Freezing Point (°C):	<0
Vapour Pressure:	n/a	Density (g/ml):	1.2-1.3
pH:	8.5-9.5	Solubility in water (g/ml @ 20°C):	miscible
% Volatile (v/v):	25	Coefficient of oil/water distribution:	n/a

\*\* N (Butylacetate) = 1

## Section 4: Fire & Explosion Hazards

Flammability Conditions: Product will not burn but may spatter if temperatures exceed boiling point. Plastic containers may rupture or melt in extreme heat. Dry films are capable of burning.

### Flammability Data (Dry Film)

Means of Extinction:	Water, dry chemical, fog, CO <sub>2</sub> .
Special Procedures:	Breathing apparatus
Flashpoint (°C):	n/a
UEL (% volume):	n/a
LEL (% volume):	n/a
Auto-ignition Temp. (°C):	n/a

### Explosion Data

Sensitivity to Mechanical Impact:	n/a
Rate of Burning:	n/a
Explosive Power:	n/a
Sensitivity to Static Discharge:	n/a

**Section 5: Reactivity Data**

Chemical Stable: If no, under what conditions?	Yes. n/a
Incompatibility with to other substances: If yes, which substances?	Yes. Strong oxidation with reduction agents.
Reactivity Under What Conditions?	n/a
Hazardous Decomposition Products?	Dried films are capable of burning, giving off oxides of carbon and nitrogen. Silica may release volatile, corrosive gases in the presence of strong oxidation or reducing agents.

**Section 6: Toxicological Properties of Material**

<b>Route of Entry</b>	<input checked="" type="checkbox"/> 4 Skin Contact	<input type="checkbox"/> Skin Absorption	<input type="checkbox"/> Eye Contact
	<input checked="" type="checkbox"/> 4 Inhalation Acute	<input checked="" type="checkbox"/> 4 Inhalation Chronic	<input checked="" type="checkbox"/> 4 Ingestion

Effects of Acute Exposure: May cause headache and nausea, eye and skin irritation.

Effects of Chronic Exposure: If silica is present in a dry form and in quantities greater than 1%, exposure to airborne concentrations may increase the risk of developing silicosis, a disabling lung disease. Silicosis is characterized by cough, production of sputum, dyspnea, wheeze, silicotic nodules on lungs, and impaired pulmonary function. In advanced stages; fever, weight loss, cyanosis, clubbing fingers, bacterial infections and death due to complications involving tuberculosis. This material may contain crystalline silica which has been evaluated by IARC (International Agency for Research on Cancer) and was determined as probably carcinogenic to man.

On account of the physical nature of **Weatherlastic Finishes**, the inhalation of crystalline silica dust is considered highly unlikely. Consequently the chronic health effects of this synthetic material do not necessarily reflect those of the hazardous component. Wet product can dry skin and cause alkali burns to the skin and eyes. Hypersensitive individuals may develop an allergic dermatitis.

LD50 Product (species):	no data	LC50 Product (species):	no data
Irritability (product):	no data	Sensitization to Product:	no data
Exposure Limits:	no data	Synergistic Materials:	no data

<input checked="" type="checkbox"/> 4 Carcinogenic	<input type="checkbox"/> Reproductive Effects	<input type="checkbox"/> Teratogenic	<input type="checkbox"/> Mutagenic
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The ingredients of this product are not known to be reproductive toxins. The ingredients of this product are not known to be mutegenic. The ingredients of this product are not known to be teratogenic.

**Section 7: Preventive Measures**

**Personal Protective Equipment:**

- Gloves (type): Required to prevent prolonged and repeated skin contact.
- Respiratory (specify): A NIOSH/MSHA approved respirator, if required, to remove airborne particles and vapours of overspray during spray and sanding procedures.
- Eye (specify): Safety glasses with side shields are recommended to prevent eye contact.
- Clothing (specify): Use full length clothing to prevent prolonged and repeated skin contact.

## Engineering Controls:

- Leak & Spill Procedures: Use local exhaust or general ventilation to keep the air levels below the applicable exposure limits.
- Waste Disposal: Scoop up with shovel, let dry and dispose. Disposal should be in accordance with all local, provincial and federal regulations.
- Storage Requirements: Protect from freezing, direct sunlight and excessive heat.
- Special Shipping Information: Protect from freezing, direct sunlight and excessive heat.

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## Section 8: First Aid Measures

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- Skin: Flush skin with running water and wash affected areas thoroughly with soap and water. Start flushing while removing contaminated clothing. Consult with physician.
- Eye: Immediately flush eyes with running water for a minimum of 20 minutes. Hold eyelids open during flushing. If irritation persists, repeat flushing. Obtain medical attention immediately.
- Inhalation: Move victim to fresh air. Give artificial respiration only if breathing has stopped. Give cardiopulmonary resuscitation (CPR) if there is no breathing or pulse. Obtain medical attention immediately.
- Ingestion: If victim is alert and not convulsing, give 1/2 to 1 glass of water to dilute material. Do not induce vomiting. If spontaneous vomiting occurs, have victim lean forward with head down to avoid breathing in of vomit, rinse mouth and administer more water. Obtain medical attention immediately.
- General Information: Treat symptomatically.

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## Section 9: Preparation of M.S.D.S.

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Prepared by:  
Health & Safety Committee

Telephone Number  
**(905) 642-0444**

Date:  
**April 30, 2007**

1. The information in this M.S.D.S. was obtained from sources which we believe reliable. However, the information is provided without any representation or warranty, express or implied, regarding the accuracy.
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