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 Section I - IDENTIFICATION  
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Eutectic Canada Inc.  
 428 Aimé-Vincent  
 Vaudreuil-Dorion, Québec  
 J7V 5V5

Emergency Telephone: (514) 695-7500

Product Name: E + C Express  
 AWS Standard Terminology: E + C Composite  
 WHMIS Classification: Serious Toxic Effects

Transport of Dangerous Goods: Not Applicable

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 Section II - HAZARDOUS INGREDIENTS  
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Ingredient	Range wt%	CAS Number	Exposure Limit mg/m3
***RESIN***			
Iron elemental	30-60	7439-89-6	5 (fume)
Mod. Epoxide resin	20-30	N/A	N/A
Inorganic fillers	1-10	N/A	N/A
Titanium dioxide	1-5	13463-67-7	10
Silicon dioxide	1-5	7641-86-9	3
***HARDENER***			
Iron elemental	20-30	80-05-7	N/A
Silicon dioxide	30-60	7439-89-6	5 (fume)
Titanium dioxide	0.5-1.5	13463-67-7	10.0

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 Section III - PHYSICAL / CHEMICAL CHARACTERISTICS  
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The following data should only be used in the context of the  
 Material Safety Data Sheet.

\*\*\*RESIN\*\*\*

Physical State: Paste  
 Appearance: Smooth, thick gritty dark grey paste  
 Odour: Sweet odour

\*\*\*HARDENER\*\*\*

Physical State: Paste  
Appearance: Thick paste, rust colour  
Odour: Ammonia

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Section IV - FIRE AND EXPLOSION DATA  
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\*\*\*RESIN\*\*\*

Flammable: No

\*\*\*HARDENER\*\*\*

Flammable: No

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Section V - REACTIVITY  
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\*\*\*RESIN\*\*\*

Incompatibility (Materials to avoid): Acid, strong oxidizing agents.  
Hazardous decomposition products: May form toxic materials, carbon dioxide and carbon monoxide, various hydrocarbons.

\*\*\*HARDENER\*\*\*

Incompatibility (Materials to avoid): Strong oxidizing agents, copper.  
Hazardous decomposition products: carbon monoxide and/or carbon dioxide.

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Section VI - HEALTH HAZARD DATA  
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\*\*\*RESIN\*\*\*

Route of entry/exposure: Eye contact, skin contact or clothing.  
Long and short term effects: Can cause moderate irritation to eye and skin. Two-year skin painting studies on a similar material show a slight increase in skin tumours at a high dose levels. IARC list as Class 3, not classifiable as to carcinogenicity.

\*\*\*HARDENER\*\*\*

Route of entry/exposure: Eye contact, skin contact or clothing.  
Long and short term effects: Contains polyethylene polyamines which are reported to cause liver and kidney damage on repeated exposure. Not classifiable as to carcinogenicity.

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Section VII - EMERGENCY FIRST AID  
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\*\*\*RESIN\*\*\*

Skin, eyes: Remove to well ventilated area. If skin/eyes contact - flush with water. Obtain medical assistance.

\*\*\*HARDENER\*\*\*

Skin, eyes: Remove to well ventilated area. If skin/eyes contact - flush with water. Obtain medical assistance.

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Section VIII - PREVENTIVE MEASURES  
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\*\*\*RESIN\*\*\*

Personal equipment: Use CSA approved respirator for protection against fumes in confined areas. Wear protective goggles and chemical resistant gloves.

Storage and handling: Keep in a sealed container in a cool dry place. Keep away from open flame or excessive heat.

Spills: Remove all ignition sources. Absorb with an inert material.

Waste disposal method: Disposal should be in accordance with municipal and federal laws.

\*\*\*HARDENER\*\*\*

Personal equipment: Use CSA approved respirator for protection against fumes in confined areas. Wear protective goggles and chemical resistant gloves.

Storage and handling: Keep in a sealed container in a cool dry place. Keep away from open flame or excessive heat.

Spills: Remove all ignition sources. Absorb with an inert material.

Waste disposal method: Disposal should be in accordance with municipal and federal laws.

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Section XI - PREPARATION DATE OF MATERIAL SAFETY DATA SHEET  
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Prepared by: Director of Products and Services  
Contact number: 514-695-7500  
Date prepared: 30/09/99  
Date revised: 30/09/2010 - Expiration Date: 30/09/2013