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 Section I - IDENTIFICATION
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Eutectic Canada Inc.
 52 Hymus Boulevard, Suite 220
 Pointe Claire, Quebec
 H9R 1C9

Emergency Telephone: (514) 695-7500

Product Name: TeroMeCaTec # 1
 AWS Standard Terminology: Synthetic Resin - Repair product
 WHMIS Classification: N/A

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
REACTOR			
Aluminum oxide	60-100	1344-28-1	10
Polyamide resin	10-30	PROPRIETARY	NOT LISTED
Iron elemental	10-30	7439-89-6	5 (fume)
Triethylenetetramine	1-5	112-24-3	Not listed
Nickel elemental	1-5	7440-02-0	1
Chromium elemental	1-5	7440-47-3	0.5
MATRIX			
Silicon elemental	15-40	7440-21-3	10
Bisphenol-A + Epichlorohydrin Resin	10-30	PROPRIETARY	NOT LISTED
Nickel elemental	0.1-1	7440-02-0	1
Chromium elemental	0.1-1	7440-47-3	0.5

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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.

REACTOR

Physical State: Solid
Appearance: Grey paste
Odour: No odour
Solubility in water @ 20°C: Negligible
Specific gravity: 2.3 g/cc

MATRIX

Physical State: Solid
Appearance: Grey paste
Odour: No odour
Solubility in water @ 20°C: Negligible
Specific gravity: 2.6 g/cc

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Section IV - FIRE AND EXPLOSION DATA
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REACTOR

Flammable: Yes - Open flame
Extinguishing media: Water, fog, CO₂, dry chemical or foam
Flash point (method used): 185°C (D92-72)
Special fire fighting procedures: Material will not burn unless preheated. Do not enter confined fire space without protective gear, including a positive pressure self-contained breathing apparatus approved by CSA.
Unusual fire & explosion hazards: None
Sensitivity to mechanical impact: Not sensitive

MATRIX

Flammable: Yes - Open flame
Extinguishing media: Water, fog CO₂, dry chemical or foam.
Flash point (method used): 250°C (resin)
Special fire fighting procedures: Material will not burn unless preheated. Do not enter confined fire space without protective gear, including a positive pressure self-contained breathing apparatus approved by CSA.
Unusual fire & explosion hazards: None
Sensitivity to mechanical impact: Not sensitive

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 Section V - REACTIVITY
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REACTOR

Stable: Normally.

Unstable: When mixed with strong oxidizers, Lewis or mineral acids.

Hazardous polymerization: Will not occur.

Incompatibility (Material to avoid): Oxidizing agents, Lewis or mineral acids.

Hazardous decomposition products: Combustion may consist of carbon monoxide, oxides or nitrogen, aldehydes and acids.

MATRIX

Stable: Normally.

Unstable: When mixed with strong oxidizers, Lewis or mineral acids.

Hazardous polymerization: Will not occur.

Incompatibility (Material to avoid): Oxidizing agents, Lewis or mineral acids.

Hazardous decomposition products: Combustion may consist of carbon monoxides, oxides of nitrogen, aldehydes and acids.

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 Section VI - HEALTH HAZARD DATA
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REACTOR

Route or entry/exposure: Skin absorption, eye contact, inhalation and ingestion.

Long and short term effects: Can cause moderate irritation to eye and skin.

Prolonged or repeated skin exposure may result in sensitization.

MATRIX

Route of entry/exposure: Skin absorption, eye contact, inhalation and ingestion.

Long and short term effects: Can cause moderate irritation to eye and skin.

Prolonged or repeated skin exposure may result in sensitization.

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 Section VII - EMERGENCY FIRST AID
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REACTOR

Skin: Remove contaminated clothing and shoes. Wipe excess from skin. Wash exposed areas with soap and water. Get medical assistance if necessary.

Eyes: Flush with water for 15 minutes while holding eyelids open. Get medical assistance.

Inhalation: Remove victim to fresh air and provide oxygen if breathing is difficult. Get medical assistance.

Ingestion: Do not induce vomiting. In general, no treatment is necessary unless large quantities of product are ingested.

MATRIX

Skin: Remove contaminated clothing and shoes. Wipe excess from skin. Wash exposed areas with soap and water. Get medical assistance if necessary.

Eyes: Flush with water 15 minutes while holding eyelids open. Get medical assistance.

Inhalation: Remove victim to fresh air and provide oxygen if breathing is difficult. Get medical assistance.

Ingestion: Do not induce vomiting. In general, no treatment is necessary unless large quantities of product are ingested.

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Section VIII - PREVENTIVE MEASURES
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REACTOR

Respiratory protection: CSA approved respirators for organic vapours or air supplied respirators if necessary.

Local exhaust: Required.

General mechanical: Use to maintain low vapour levels.

Protective gloves: Recommended to prevent skin contact

Eye protection: Chemical splash goggles required.

Other protective equipment: Other clothing so as to minimize contact.

Storage and handling: Store in original containers, in a cool and dry location. Keep containers away from open flame or high temperatures. Maintain exposure below the given TLV. Use industrial hygiene monitoring to determine compliance with exposure limits.

Spills: Clean up spill and dispose of. Absorb residue with clay, sand, cleaning agent or other suitable material. Remove all traces with TeroMeCaTec Cleaning Agent or other suitable solvent. Dispose of property.

Waste disposal method: Place in an appropriate disposal facility in compliance with governmental regulations.

Special shipping information: Not hazardous by T.D.G. regulations; Transport Canada.

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Special shipping information: Not hazardous by T.D.G. regulations; Transport Canada.

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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: 30/09/07