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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: Cor\*Resist 29230F  
 AWS standard terminology: Thermal Spray Powder  
 WHMIS Classification: D-2B Other Toxic Effects

Transport of Dangerous Goods: Not Applicable  
 Shipping Name: Zinc Powder, UN 1436, Class 4.3  
 Sub. 4.2, Packing Group II; Dangerous  
 when wet, spontaneously combustible.

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 Section II - HAZARDOUS INGREDIENTS  
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Ingredient	Range wt%	CAS Number	Exposure Limit mg/m3
Zinc, elemental	60-100	7440-66-6	5 (zinc fume)

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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.

Physical State: Powder  
 Appearance and Odour: White odorless powder  
 Specific Gravity: 7.2

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 Section IV - FIRE AND EXPLOSION DATA  
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Flammable: Yes, if dust clouds mixed with air and source of ignition.

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Section V - REACTIVITY  
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Level of stability: Not stable. May spontaneously combust. Hazardous  
Polymerization: Will not occur. Incompatibility: Store away from water, acid,  
alkali, oxidizing agents, halogens and other combustible materials. Hazardous  
decomposition products: Hydrogen may form if powder is in contact with water.

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Section VI - HEALTH HAZARD DATA  
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Route of Entry / Exposure: Inhalation.  
Short Term Effects: Inhalation may cause chills, breathing difficulties, fever,  
nausea and vomiting. Recovery generally complete.  
Long Term Effects: Severe and prolonged exposure to fumes may cause lose of  
smell, ulceration of the nose, shortness of breath, kidney damage.

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Section VII - EMERGENCY FIRST AID  
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Inhalation: Remove to well ventilated area. Obtain medical assistance if  
necessary.

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Section VIII - PREVENTIVE MEASURES  
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Personal protective equipment: Use CSA approved respirator when welding. Wear  
protective goggles.

Storage and handling: Store in a cool dry place.

Steps to be taken if material is released or spilled: Powder should be kept  
from contaminating the water table. Sweep up immediately.

Waste Disposal Method: Prevent waste from contaminating environment. Disposal  
should be in accordance with local, provincial and federal regulations.

T.D.G.: Zinc Powder, UN 1436, Class 4.3 Sub. 4.2, Packing Group II; Dangerous  
when wet, spontaneously combustible.

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Section IX - PREPARATION OF MATERIAL SAFETY DATA SHEET  
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Prepared by: Director of Product and Services  
Contact number: (514) 695-7500  
Date Prepared: 30/09/99  
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