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

Emergency Telephone: 514) 695-7500

Product Name: ME CPP 2510

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 Section II - HAZARDOUS INGREDIENTS
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Ingredient	Range wt%	CAS Number	Exposure Limit mg/m3
Tungsten carbide	60-100	10270-12-1	5
Nickel, elemental	7-13	7440-02-0	1
Impurities	<0,2%		

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 Section III - HASARDS IDENTIFICATION
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Nickel has been determined to cause cancer in experimental animals (IARC, NTP). Nickel is listed as a probable human carcinogen. Chronic eczema/neurodermatitis from Nickel does not require continuous metal contact. SKIN CONTACT: May cause allergic dermatitis in susceptible individuals, which usually occurs in the folds of the skin. EYE CONTACT: May cause irritation, experienced as redness of the conjunctiva. SWALLOWING: May cause nausea, abdominal pain, vomiting and diarrhea. INHALATION: May cause respiratory tract irritation, with chest pain, vomiting and diarrhea. May also cause interstitial pneumonitis and sensitization of the respiratory tract in susceptible individuals. Breathing of dust may aggravate asthma and inflammatory or fibrotic pulmonary disease with overexposure.

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 Section IV - FIRST-AID MEASURES
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In case of SKIN contact wash thoroughly with soap and water. If contact with EYE occurs, flush thoroughly with plenty of water. If discomfort persists, seek medical attention. If INHALED, remove to fresh air and give artificial respiration if not breathing. Oxygen may be given if necessary. Call a physician. If SWALLOWED, give at least 2 glasses of milk or water. Induce vomiting unless patient is unconscious. Call a physician. The hazards of this material are mainly due to its sensitizing and mild irritating properties. There is no specific antidote. Treatment of overexposure should be directed at the control of symptoms and the clinical condition.

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 Section V - FIRE-FIGHTING MEASURES
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Use special dry powder metal extinguishing material to extinguish metal fires. Use appropriate extinguisher to extinguish combustable materials that may be ignited by the thermal spray flame. (Water is not recommended for metal fires or around electrical equipment.)

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 Section VI - ACCIDENTAL RELEASE MEASURES
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Wear protective equipment to protect against hazards such as over exposure to skin, eyes and respiratory tract. Collect all material, which may be released, into containers. Label containers and hold for proper disposal per local, state, federal or country regulations. Thermal spray products do not present a serious hazard to the environment if they are collected shortly after a spill or release occurs.

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 Section VII - HANDLING AND STORAGE
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Local dust pickup recommended for open flowing powdered products. Wear personal protective equipment to protect health if TLV is exceeded while handling product. Store material in a dry location with adequate suport for the weight of the product. Use caution when lifting product cartons not to strain your back or muscles. Store materials away from ignition sources which could catch packaging materials on fire.

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 Section VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION
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Respiratory Protection:	If there is dustiness, wear respirator selected per OSHA 1910.134, and OSHA 29 CFR 1910.252 and ANSI Z49.1.
Hand Protection:	None required
Eye Protection:	When dusty use goggles per OSHA 1910.133. See ANSI Z49.1, ANSI Z87.1, & ANSI Z88.2 for helmets, face shields and goggles.
Body Protection:	None required
See section 7 for engineering controls information.	

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 Section IX - PHYSICAL AND CHEMICAL PROPERTIES
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Form:	Powder
Color:	Gray
Odor:	Odorless
pH Value:	n/a
Melting Range:	3410C
Boiling Range:	n/a
Flash Point:	n/a
Inflammability:	n/a
Ignition Temp:	n/a
Spontaneous Flammability:	n/a
Fire Promoting Properties:	None

Explosive Limits: n/a
 Vapor Pressure: n/a
 Density: n/a
 Bulk Density: n/a
 Water Solubility: Insoluble
 Fat Solubility: n/a
 Viscosity: n/a

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 Section X - STABILITY AND REACTIVITY
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Airborne dust particles, especially metal dust, and accumulation of such should be treated as explosives. To minimize danger from dust explosions, adequate ventilation should be provided to spray booth in accordance with American Welding Society publication AWS2.1-73, and ACGIH publication "Industrial Ventilation".

When thermal spraying, decomposition products will vary with operating conditions. Reasonably expected decomposition products of normal operation from this thermal spray powder includes oxides, sub-oxides, and complex oxides of materials listed in Section 2. Hazardous decomposition will not occur.

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 Section XI - TOXICOLOGICAL INFORMATION
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Nickel has been determined to cause cancer in experimental animals (IARC, NTP). Nickel is listed as a probable human carcinogen. Chronic eczema/neurodermatitis from nickel does not require continuous metal contact.

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 Section XII - ECOLOGICAL INFORMATION
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None known at this time.

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 Section XIII - DISPOSAL CONSIDERATIONS
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Collect material into containers for recycle or reuse. Do not throw in trash or place in landfill. Refer to governmental and regional requirements.

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 Section XIV - TRANSPORT INFORMATION
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GGVSee/IMDG Code:	N/A	UN No.:	N/A	MFAG:	N/A	EmS:	N/A	
	PG:	N/A	MPO:	N/A				
	GGVE/GGVS:	N/A	No.:	N/A	RID/ADR:	N/A	No.:	N/A
Warning Sign Hazard No.:	N/A			Substance No.:	N/A			
	ADNR:	N/A	Class:	N/A	No.:	N/A		

Metal alloy powder NOI item 136500 Sub 1

Section XV - REGULATORY INFORMATION

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DM 28/1/92 (Classification and labeling)

Symbols:

Xn - Harmful

Risks:

40/20 - Possibility of irreversible effects - inhalation

40/22 - Possibility of irreversible effects - ingestion

42 - May cause sensitization by inhalation

43 - May cause sensitization by skin contact

Safety Phrases:

22 - Avoid breathing dust

36 - Wear suitable protective equipment

51 - To be used only in well ventilated place

Contains: Nickel

When applicable, make reference to the following regulations:

D.P.R. 303/56 (sanitary inspections)

Ministerial dispositions 46 and 61 (aromatic amines)

Law 136/83 (biodegradability of detergents)

D.P.R. 175/88 (Seveso directive) Annex II, III, and IV

D.P.R. 250/89 (labeling of detergents)

The following selected regulatory requirements may apply to this product. Not all such requirements are identified. Users of this product are solely responsible for compliance with all applicable federal, state, and local regulations.

TSCA: Toxic Substances Control Act

All ingredients in this product are listed in the TSCA Inventory.

SARA: Superfund Amendment and Reauthorization Act:

- SECTIONS 311/312: Require submission of Material Safety Data Sheets (MSDSs) and chemical inventory reporting with identification of EPA hazard classes. The hazard classes for this product are as follows:

Immediate:No

Delayed:Yes

Pressure:No

Reactivity:No

Flammable:No

- SECTION 313: Require submission of annual reports of release of toxic chemicals that appear in 40 CFR Part 372.

Nickel(7440-02-0)

PROP 65: (Carcinogen) - Warning: This product contains a chemical known to the state of California to cause cancer.

Nickel(7440-02-0)

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Section XVI - OTHER
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Eutectic Canada Inc. requests the users of this product to study this Material Safety Data Sheet (MSDS) and become aware of product hazards and safety information. To promote safe use of this product a user should (1) notify its employees, agents and contractors of the information on this MSDS and any product hazard and safety information, (2) furnish this same information to each of its customers for the product, and (3) request such customers to notify their employees and customers for the product of the product hazards and safety information. NFPA/HMIS rating: Health-1, Flammability-0, Reactivity-0

The opinions expressed herein are those of qualified experts within Eutectic Canada Inc. We believe that the information contained herein is current as of the date of this MSDS. Since the use of the product is not within control of Eutectic Canada Inc., it is the user's obligation to determine the conditions of safe use of the product.

Prepared by: Director of Products and Services
Contact number: 514-695-7500
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