

SECTION 01 : IDENTIFICATION OF THE MIXTURE AND THE COMPANY

Manufacturer:	Les Traitements de Surface Terra Nova Inc. 621 De la Sablière Bois-des-Filion Québec J6Z4T2
Product Name:	ColdDragon Industrial
Emergency Telephone Number:	1-450-312-1005
Identified Use:	Fireproofing Substance, Intumescent Coating
Risk Index:	Health: 1 Fire: 0 Reactivity: 0

SECTION 02 : HAZARD IDENTIFICATION



Toxicity.	Category 4
Danger Notice.	H312 – If skin irritation occurs: Get medical advice/attention.
Ways of exposition.	Inhalation / Contact with skin or eyes
Skin Contact.	H315 – Causes skin irritation.
Skin Absorption.	P280 – Wear protective gloves/protective clothing/eye protection/face protection.
Eye Contact.	P280 – Wear protective gloves/protective clothing/eye protection/face protection.
Ingestion.	P301, P310 – IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
Inhalation.	P363 – Avoid breathing dust/fume/gas/mist/vapours/ spray.
Chronic exposition.	P302, P352 – IF ON SKIN: Wash with plenty of soap and water.

SECTION 03 : INFORMATION ON INGREDIENTS

Hazardous Ingredients.	#C.A.S.	Percentage
Melamine.	108-78-1	12,6%
Bonding resin.	Confidential	< 3,7%

Proprietary formulation remaining confidential. According to our current knowledge, no other present ingredient is classified as hazardous to health and the environment. Contains non-reactive amine salt at room temperature.

SECTION 04 : FIRST-AID MEASURES

General Notice.	No special measures required
Skin Contact.	Wash with plenty of water and soap, no solvents. Remove soiled clothes, wash before wearing again. If irritation persists, consult a doctor.
Inhalation.	If inhaled, move person to fresh air. Consult a doctor if necessary.
Ingestion.	Rinse the mouth and consult a doctor.
Eye Contact.	Rinse each eyelid immediately with water, remove contact lenses (15 min). See a doctor.
Additional Information.	In all cases, consult a doctor if necessary.

** For any form of overexposure occurring during use of the product or persistent, contact a physician with the MSDS.

SECTION 05 : FIRE-FIGHTING MEASURES

Inflammability.	N/A
Flash Point.	N/A
Auto-Ignition Temperature.	N/A
Extinguishing Method.	Foam, CO2, Powder, Water spray.
Measures.	Firefighters with self-contained breathing apparatus, potentially irritating vapor protection garment.
Products of Combustion.	Carbon Dioxide, Nitrogen Oxide, Ammonia, Phosphoric Acid
Static Load Sensitivity.	N/A

SECTION 06 : ACCIDENTAL RELEASE MEASURES

Leak / Spill.

Evacuate all non-essential personnel. Avoid contact with equipment and vapors. Absorb with sand or absorbent. Avoid spilling in sewers. Confining barrels identified for disposal. Stop leak if it is safe. Move containers away from the area. Absorb with dry inert materials such as sand, earth, vermiculite, etc.

SECTION 07 : HANDLING AND STORAGE

Handling Procedures.

Provide adequate ventilation. Keep containers closed. Protective equipment for authorized personnel.

Storage Conditions.

Store dry and well ventilated place. Keep container tightly closed. Put in labeled containers. Store at a temperature above 32°F/0°C.

SECTION 08 : EXPOSURE CONTROLS / PERSONAL PROTECTION

Personal Protection.

Respiratory.

Use an appropriate, approved, properly adjusted respirator meeting standard standards if a risk assessment indicates this is necessary. Respirator selection should be based on known or anticipated exposure levels, the hazard of the product, and the safe working limits of the selected respirator.

Eyes.

Wearing safety glasses in accordance with an approved standard is mandatory when a risk assessment recommends it to avoid exposure to splashing liquids, fog or dust. Glasses with side shields.

Skin.

Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Hands.

When handling chemicals, wear chemical resistant, impervious gloves that conform to an approved standard at all times if a risk assessment indicates this is necessary.

Hygiene Measures.

After handling chemicals, wash your hands, forearms and face thoroughly before eating, smoking, using the toilet and after work is done. Use appropriate techniques to remove contaminated clothing. Wash contaminated clothing before reuse. The employer performing the PPE risk estimate must select Personal Protective Equipment (PPE). Wear appropriate personal (respiratory) protective equipment, if exposure can not be avoided by local exhaust ventilation. Use only with adequate ventilation. Use enclosed enclosures, source exhaust ventilation, or other built-in automatic control systems to maintain the technician's exposure limit to airborne contaminants below recommended limits.

SECTION 09 : PHYSICAL AND CHEMICAL PROPRIETIES

Physical State.	Liquid
Relative Density.	1.15
Color.	Green
pH.	8-9
Odor.	Low Odor
Molecular Structure.	N/A
Flammability Limits.	N/A
Flammability.	N/A
Vapour Pressure.	N/A
Freezing Point.	32°F/0°C
Solubility.	Yes in water
Solid Content.	Depends on application
Solvent Content.	0%

** This product is stable under normal storage conditions.

SECTION 10 : STABILITY AND REACTIVITY OF PRODUCT

Stability.	Product is stable
Conditions to avoid.	N/A
Incompatible Materials.	Acids et oxidants agents
Decomposition Products.	CO ₂ , Nitrogen oxides, Ammonia, Phosphoric Acid
Hazardous Polymerization.	None

SECTION 11 : TOXICOLOGICAL INFORMATION

Dermal.	None
Inhalation.	LC50:>5.1 mg/l, 4 hr rat
Irritation.	May cause respiratory and eye irritation
Carcinogenicity.	None
Teratogenicity.	None
Mutagenicity.	None
Effects on reproduction .	None
Synergistic products.	N/A

** The product has no harmful effect on health according to our knowledge and information that we have.

SECTION 12 : ECOLOGICAL INFORMATION

Environment. Fish Toxicity LC50 800 mg/l, 96 hours,
Invertebrates EC50: 4800 mg/l, 48 hours.
Aquatic Plants EC50: > 500ml/l.
Avoid waste water or soil. No known significant effects or critical hazards.

Biodegradability. Aerobic 90%. Biodegradable.

SECTION 13 : DISPOSAL CONSIDERATIONS

Waste treatment methods. Get rid of like industrial waste. Ensure sound management and follow-up at all times according to provincial or federal local regulations. Empty drums should not be reused and reconditioned by an authorized recycler.

SECTION 14 : TRANSPORT INFORMATION

Technical Name. N/A
Classification. N/A
Identification Number. N/A
Packaging. N/A
Marine Hazards. N/A

SECTION 15 : REGULATORY INFORMATION

DSL. Listed
TSCA. Accepted
US EPA hazardous substances. (40FR 302) – No
US EPA Required Notice. (1-methyl-2-pyrrolidone)
California Prop 65. Chemical that can develop toxins
(1-methyl-2-pyrrolidone)

SECTION 16 : OTHER INFORMATION

Health Risk.	1
Flammability.	0
Stability.	0
Date.	July 2018
VOC.	17g/l.

Note ** The information in this sheet is based on current scientific and technical knowledge. This information is intended to draw attention to health and safety aspects and to recommend precautionary measures for the handling and storage of products. No warranty is given as to the properties of the products. No responsibility can be accepted in case of failure to observe the security measures described in this sheet or in case of misuse of products.