



Material Safety Data Sheet

WHMIS 	Protective Clothing 	TDG Road/Rail 
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Section I. Product Identification and Uses

Common/Trade name	RIV-314	CI#	Not applicable.
Synonyms	Not available.	DSL	CEPA DSL
Chemical name	Not applicable.	CAS#	mélange / mixture
Chemical formula	Not applicable.	Code	RIV-314
Chemical family	VEGETABLE (Adhesive.)	Molecular weight	Not applicable.
Supplier	Adhpro Adhesives Inc. 1650, Industriel Boul. Magog, Quebec J1X 4V9 Tel: (819) 847-2269 Fax: (819) 847-4990	Manufacturer	Adhpro Adhesives Inc. Tel: (819) 847-2269 1650, Boul. Industriel Fax: (819) 847-4990 Magog, Quebec, J1X 4V9
Material uses	Industrial applications: Adhesive.		

Section IA. First Aid Measures

Eye contact	Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention.
Skin contact	In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Cold water may be used. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention.
Hazardous skin contact	Wash with a disinfectant soap and cover the contaminated skin with an anti-bacterial cream. Seek medical attention.
Slight inhalation	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
Hazardous inhalation	Not available.
Slight ingestion	Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband.
Hazardous ingestion	Not available.

Section II. Hazardous Ingredients

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Name	CAS #	% by Weight	TLV/PEL	LC ₅₀ /LD ₅₀
Sodium tetraborate pentahydrate	12179-04-3	1 - 5	Not available.	ORAL (LD50):Chronic: 3 mg/kg [Rat].

Section III. Physical Data

Physical state and appearance	Liquid. (Viscous liquid.)	Odor	Characteristic. (Slight.)
pH (1% soln/water)	9 to 10 [Basic.]	Taste	Not available.
Odor threshold	Not available.	Color	Amber. (Dark.)
Volatility	54 to 58% (w/w).		
Melting/Sublimation point	0°C (32°F)		
Boiling/Condensation point	100°C (212°F)		
Specific gravity	1.18 (Water = 1)		
Vapor density	The highest known value is 0.62 (Air = 1) ().		
Vapor pressure	The highest known value is 2.3 kPa (17.5 mm Hg) (at 20°C) ().		
Evaporation rate	1 compared to water		
Viscosity	Not available.		
Water/oil dist. coeff.	Not available.		
Ionicity (surface active agent)	Not available.		
Critical temperature	Not available.		
Instability temperature	Not available.		
Conditions of instability	Not available.		
Dispersion properties	Easily dispersed in methanol. See solubility in water, methanol, acetone.		
Solubility	Easily soluble in cold water, hot water, methanol, acetone.		

Section IV. Fire and Explosion Data

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The product is:	Non-flammable.
Auto-ignition temperature	Not applicable.
Fire degradation products	Not applicable.
Flash points	Not applicable.
Flammable limits	Not applicable.
Fire extinguishing procedures	Not applicable.
Flammability	Not applicable.
	Remark Not available.
Risks of explosion	Non-explosive in presence of open flames, sparks and static discharge, of shocks, of heat, of acids, of alkalis.
	Remark Not available.

Section V. Reactivity Data

Stability	The product is stable.
Hazardous decomp. products	Not available.
Degradability	Not available.
Products of degradation	Not available. Not available.
	Remark Not available.
Corrosivity	Not available.
	Remark Not available.
Reactivity	Not available.
	Remark Not available.

Section VI. Toxicological Properties

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Routes of entry	None.
TLV	Not available.
Toxicity for animals	Sub-Chronic oral toxicity (LD50): 3 mg/kg [Rat]. (SODIUM TETRABORATE PENTAHYDRATE).
	Remark Not available.
Chronic effects on humans	Hazardous in case of skin contact (corrosive), of eye contact (irritant), of ingestion. CARCINOGENIC EFFECTS: Not available. MUTAGENIC EFFECTS: Not available. TERATOGENIC EFFECTS: Not available. DEVELOPMENTAL TOXICITY: PROVEN [SODIUM TETRABORATE PENTAHYDRATE] The substance is toxic to the reproductive system. Repeated or prolonged exposure to the substance can produce target organs damage.
	Remark Not available.
Acute effects on humans	Hazardous in case of skin contact (corrosive), of ingestion.
	Remark Not available.

Section VII. Preventive Measures

Waste information	Waste must be disposed of in accordance with federal, state and local environmental control regulations.
Waste stream	Not available.
Storage	Keep container tightly closed. Keep container in a cool, well-ventilated area. Do not store below 7°C (44.6°F).
Precautions	Keep container dry. Do not breathe gas/fumes/ vapor/spray. Never add water to this product. Wear suitable protective clothing. If you feel unwell, seek medical attention and show the label when possible. Avoid contact with skin and eyes.
Small spill and leak	Dilute with water and mop up, or absorb with an inert dry material and place in an appropriate waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.
Large spill and leak	Absorb with an inert material and put the spilled material in an appropriate waste disposal. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.
Protective clothing	Splash goggles. Full suit. Boots. Gloves. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Section VIII. Classification

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TDG road / rail - Not a TDG controlled material.



Not applicable.

Maritime transportation Not available.

Remark
Not available.

WHMIS Class D-2A: Material causing other toxic effects (VERY TOXIC).

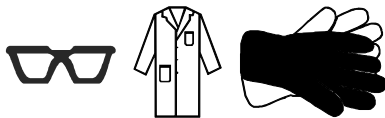


Remark
Not available.

Federal and provincial regulations All the ingredients are on the DSL list.

Section IX. Protective Clothing

Safety glasses. Lab coat. Gloves.



Section X. Other Information

References Not available.

Not available.

Validated by Technical service on 2004-03-25.

Verified by Technical service.

Printed 2004-03-25.

CANUTEC (613) 996-6666

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