







Material Safety Data Sheet

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

Common/Trade name	502XC	CI#	Not applicable.
Synonyms	502XC	DSL	All the ingredients are on the DSL list.
Chemical name	Not applicable.	CAS#	Mixture.
Chemical formula	Not applicable.	Code	5023C, 5024C, 5025C
Chemical family	Paint.	Molecular weight	Not applicable.
Supplier	UAP INC. 7025, Ontario St. East Montréal, Qc H1N 2B3 Tél: (514) 256-5031	Manufacturer	INDUSTRIES PEPIN LTD 536, DE LA RIVIÈRE COWANSVILLE QC J2K 3G6 TÉL: 450-263-1848
Material uses	Coatings: Industrial maintenance alkyd primer. Sanding free primer.		

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. Get medical attention.
Skin contact	In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention.
Hazardous skin contact	Seek medical attention.
Slight inhalation	If inhaled, remove to fresh air. Get medical attention.
Hazardous inhalation	Evacuate the victim to a safe area as soon as possible. Loosen tight clothing such as a collar, tie, belt or waistband. If breathing is difficult, administer oxygen. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek medical attention.
Slight ingestion	Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention if symptoms appear.
Hazardous ingestion	Seek medical attention.

Name	CAS #	% by Weight	Exposure Limits	
			TLV/PEL	LC ₅₀ /LD ₅₀
Methanol**	67-56-1	0.1-1	ACGIH (Canada). TWA: 200 mg/m ³ STEL: 250 mg/m ³ CEIL: 200 mg/m ³ OSHA (Canada). TWA: 200 ppm STEL: 250 ppm	ORAL (LD50): Acute: 5600 mg/kg [Rat]. DERMAL (LD50): Acute: 15800 mg/kg [Rabbit]. VAPOR (LC50): Acute: 64000 ppm 4 hour(s) [Rat].
Light aromatic solvent naphtha**	64742-95-6	0.1-1	STEL: 350 ppm 15 minute(s).	ORAL (LD50): Acute: 8400 mg/kg [Rat]. DERMAL (LD50): Acute: 2000 mg/kg [Rabbit].
tert-butyl-acetate**	540-88-5	10-15	TWA: 200 ppm 8 hour (s).	ORAL (LD50): Acute: 4500 mg/kg [Rat]. DERMAL (LD50): Acute: 2000 mg/kg [Rabbit].
XYLENE**	1330-20-7	5-15	ACGIH TLV (Canada). TWA: 100 ppm	ORAL (LD50): Acute: 4300 mg/kg [Rat]. DERMAL (LD50): Acute: 4300 mg/kg [Rabbit].

Section III. Physical Data

Physical state and appearance	Liquid. (Viscous liquid.)	Color	Brownish-red. Grey.
pH (1% soln/water)	Not available.	Odor	Hydrocarbon. (Slight.)
Odor threshold	Not available	Taste	Not available.
Volatility	25 - 30% (w/w)		
Melting point	Not available.		
Boiling point	The lowest known value is 97°C (206.6°F) (TBA).		
Specific gravity	Not available		
Vapor density	Not available		
Vapor pressure	The highest known value is 41.5mm Hg(at 20°C) (TBA).		
Evaporation rate	Not available		
Viscosity	65 - 70 ku (STORMER, 25 °C)		
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	Miscible in organics solvents		
Solubility	See dispersion.		

Section IV. Fire and Explosion Data

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The product is:	Flammable.
Auto-ignition temperature	The lowest known value is 465°C (869°F) (xylene).
Fire degradation products	carbon oxides (CO, CO ₂) et nitrogen oxides (NO, NO ₂ ...)
Flash points	The lowest known value is Closed cup: 4.4°C (39.92°F). (Tagliabue.). (TBA)
Flammable limits	Not available.
Fire extinguishing procedures	SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use alcohol foam, water spray or fog. Cool containing vessels with water jet in order to prevent pressure build-up, autoignition or explosion.
Flammability	Highly flammable in presence of open flames, sparks and static discharge, of heat. Slightly flammable to flammable in presence of oxidizing materials.
Risks of explosion	Vapors are heavier than air and may spread along floors. Vapor may travel considerable distance to source of ignition and flash back.

Section V. Reactivity Data

Stability	The product is stable.
Hazardous decomp. products	carbon oxides and oxides of nitrogen
Degradability	Not available.
Products of degradation	carbon oxides (CO, CO ₂) and nitrogen oxides (NO, NO ₂ ...)
Corrosivity	Not available.
Reactivity	Slightly reactive to reactive with oxidizing agents.

Section VI. Toxicological Properties

Routes of entry	Dermal contact. Eye contact. Inhalation. Ingestion.
TLV	See section II
Toxicity for animals	See section II
Chronic effects on humans	Hazardous in case of inhalation (lung irritant). CARCINOGENIC EFFECTS: Classified A4 (Not classifiable for human or animal.) by ACGIH [XYLENE pur]. MUTAGENIC EFFECTS: Not available. TERATOGENIC EFFECTS: can cause deformations.: Not available. DEVELOPMENTAL TOXICITY: Not available. The substance is toxic to the nervous system. Repeated or prolonged exposure to the substance can produce target organs damage.
Acute effects on humans	Inhalation of the spray mist may produce severe irritation of respiratory tract, characterized by coughing, choking, or shortness of breath. This product may irritate eyes and skin upon contact.



Section VII. Preventive Measures

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Waste disposal	Recycle, if possible. Consult your local or regional authorities.
Storage	Store in an isolated and approved area. Keep container in a cool, well-ventilated area. Keep container tightly closed and sealed until ready for use. Avoid all possible sources of ignition (sparks or flame).
Precautions	Keep away from heat. Keep away from sources of ignition. Ground all equipment containing material. Do not ingest. Do not breathe gas/fumes/ vapor/spray. Wear suitable protective clothing. If ingested, seek medical advice immediately and show the container or the label.
Small spill and leak	Absorb with an inert material and put the spilled material in an appropriate waste disposal.
Large spill and leak	Keep away from heat. Keep away from sources of ignition. Stop leak if without risk. Absorb with DRY earth, sand or other non-combustible material. Do not touch spilled material. Prevent entry into sewers, basements or confined areas; re-direct if needed.
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

TDG road / rail	TDG Class 3: Flammable liquid.	
	Shipping name: Painting related materials. UN: 1263 PG: III	
WHMIS	Class B-2: Flammable liquid with a flash point lower than 37.8°C (100°F). Class D-2A: Material causing other toxic effects (VERY TOXIC). Class D-2B: Material causing other toxic effects (TOXIC).	

Section IX. Protective Measures

Protective clothing	Safety glasses. Lab coat. Gloves.	
Engineering controls	Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective occupational exposure limits. Ensure that eyewash stations and safety showers are proximal to the work-station location.	

Section X. Other Information

References	Commission de la Santé et de la Sécurité du Travail du Québec (REPTOX). Material Safety Data Sheet of raw material.
Not available.	
Validated by Industries Pépin Ltée on 2016-04-13.	Verified by Industries Pépin Ltée. Printed 2016-04-13.

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