



# Material Safety Data Sheet

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

<b>Common/Trade name</b> RIV-347 SOLPRO 347		<b>CI#</b>	Not applicable.
<b>Synonyms</b>	Not available.	<b>DSL</b>	
<b>Chemical name</b>	Not applicable.	<b>CAS#</b>	5989-27-5
<b>Chemical formula</b>	Not applicable.	<b>Code</b>	RIV-347
<b>Chemical family</b>	Solvent.	<b>Molecular weight</b>	Not applicable.
<b>Supplier</b>	Adhpro Adhesives inc.    Tel: (819) 847-2269 1650, Industriel Boul.    Fax: (819) 847-4990 Magog, Quebec, J1X 4V9	<b>Manufacturer</b>	Adhpro Adhesives Inc.    Tel: (819) 847-2269 1650, Boul. Industriel    Fax: (819) 847-4990 Magog, Quebec, J1X 4V9
<b>Material uses</b>	Metal industry: Metal cleaning.		

## Section IA. First Aid Measures

<b>Eye contact</b>	Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Get medical attention.
<b>Skin contact</b>	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.
<b>Hazardous skin contact</b>	Not available.
<b>Slight inhalation</b>	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
<b>Hazardous inhalation</b>	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.
<b>Slight ingestion</b>	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.
<b>Hazardous ingestion</b>	Not available.

**Section II. Hazardous Ingredients**

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Name	CAS #	% by Weight	TLV/PEL	LC <sub>50</sub> /LD <sub>50</sub>
4-isopropenyl-1-methylcyclohexene	5989-27-5	70 - 100	Not available.	Not available.

**Section III. Physical Data**

<b>Physical state and appearance</b>	Liquid. (Clear sparkling liquid.)	<b>Odor</b>	Lemon like. (Slight.)
<b>pH (1% soln/water)</b>	Not applicable.	<b>Taste</b>	Not available.
<b>Odor threshold</b>	Not available.	<b>Color</b>	Colorless. (Light.)
<b>Volatility</b>	100% (w/w).		
<b>Melting/Sublimation point</b>	Not available.		
<b>Boiling/Condensation point</b>	175°C (347°F)		
<b>Specific gravity</b>	0.84 (Water = 1)		
<b>Vapor density</b>	Not available.		
<b>Vapor pressure</b>	Not available.		
<b>Evaporation rate</b>	Not available.		
<b>Viscosity</b>	Not available.		
<b>Water/oil dist. coeff.</b>	Not available.		
<b>Ionicity (surface active agent)</b>	Not available.		
<b>Critical temperature</b>	Not available.		
<b>Instability temperature</b>	Not available.		
<b>Conditions of instability</b>	Not available.		
<b>Dispersion properties</b>	Is not dispersed in cold water, hot water.		
<b>Solubility</b>	Insoluble in cold water, hot water.		

## Section IV. Fire and Explosion Data

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<b>The product is:</b>	Flammable.
<b>Auto-ignition temperature</b>	Not available.
<b>Fire degradation products</b>	Not available.
<b>Flash points</b>	Open cup: 46°C (114.8°F).
<b>Flammable limits</b>	Lower: 0.7% Upper: 6.1%
<b>Fire extinguishing procedures</b>	SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use water spray or fog. Cool containing vessels with water jet in order to prevent pressure build-up, autoignition or explosion.
<b>Flammability</b>	Not available.
	<b>Remark</b> Not available.
<b>Risks of explosion</b>	Not available.
	<b>Remark</b> Not available.

## Section V. Reactivity Data

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

## Section VI. Toxicological Properties

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<b>Routes of entry</b>	Not available.
<b>TLV</b>	Not available.
<b>Toxicity for animals</b>	LD50: Not available. LC50: Not available.
	<b>Remark</b> Not available.
<b>Chronic effects on humans</b>	<b>CARCINOGENIC EFFECTS:</b> Not available. <b>MUTAGENIC EFFECTS:</b> Not available. <b>TERATOGENIC EFFECTS:</b> Not available. <b>DEVELOPMENTAL TOXICITY:</b> Not available. Repeated or prolonged exposure is not known to aggravate medical condition.
	<b>Remark</b> Not available.
<b>Acute effects on humans</b>	No specific information is available in our database regarding the acute toxic effects of this material for humans.
	<b>Remark</b> Not available.

## Section VII. Preventive Measures

<b>Waste information</b>	Waste must be disposed of in accordance with federal, state and local environmental control regulations.
<b>Waste stream</b>	Not available.
<b>Storage</b>	Store in a segregated 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 (spark or flame).
<b>Precautions</b>	Keep away from heat. Keep away from sources of ignition. Ground all equipment containing material. Do not breathe gas/fumes/ vapor/spray.
<b>Small spill and leak</b>	Absorb with an inert material and put the spilled material in an appropriate waste disposal.
<b>Large spill and leak</b>	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 get water inside container. Do not touch spilled material. Prevent entry into sewers, basements or confined areas; dike if needed. Call for assistance on disposal.
<b>Protective clothing</b>	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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rail 3

Shipping name: FLAMMABLE LIQUIDS, N.O.S. (4-isopropenyl-1-methylcyclohexene) UNNA: UN1993 PG: III

Maritime  
transportation Not available.**Remark**  
Not available.WHMIS Class B-3: Combustible liquid with a flash point between 37.8°C (100°F) and 93.3°C (200°F).  
Class D-2B: Material causing other toxic effects (TOXIC).**Remark**  
Not available.Federal and  
provincial  
regulations All ingredients are on the DSL.

## Section IX. Protective Clothing

Safety glasses. Lab coat. Impervious gloves.



## Section X. Other Information

References Not available.

Not available.

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Verified by Technical service.

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