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MATERIAL SAFETY DATA SHEET
Health, Safety and Environment Data.

DATE OF ISSUE: May 2010
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IDENTIFICATION

Classified as Hazardous according to criteria of Worksafe Australia.

Product Name: MINERAL TURPS	UN Number:	1300
	Hazchem Code:	3(Y)
	Dangerous Goods Class:	3
Other Names: MINERAL TURPENTINE	Subsidiary Risk Class:	Not Listed
	Poisons Schedule:	5
	Packaging Group	III

Product Code: 500-0106

Use: Paint Solvent.

Physical Description/Properties

Appearance:	Colourless mobile liquid.
Specific Gravity:	0.82
Boiling Point/Range (°C):	145 - 200
Vapour Pressure:	Approx. 0.7 kPa @ 20°C
Flash Point (°C):	33 Abel.
Flammability Limits (%):	LEL 0.9 UEL 5.5
Solubility in water:	Below 0.1% @ 20°C

<u>Ingredients:</u>	<u>CAS NO.</u>	<u>Percent by weight</u>
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Pigments:

Resin:

Solvents: Liquid Hydrocarbons	64742 - 95 - 6	> 98
Benzene	71-43-2	Below 0.5

Others:

HEALTH HAZARD INFORMATION

HEALTH EFFECTS

ACUTE

<u>Swallowed</u>	May cause irritation to mouth, throat and digestive tract. Large dose may cause unconsciousness.
<u>Eye</u>	Irritant.
<u>Skin</u>	Irritant. Avoid prolonged or repeated contact as this may cause dermatitis.
<u>Inhaled</u>	Vapour is irritant to mucous membranes and respiratory tract. Vapours can effect the central nervous system and result in headaches and dizziness. High concentrations of vapours, if exposure is prolonged, may cause unconsciousness. Aspiration of liquid into the lungs can cause serious (even fatal) pneumonitis.
FIRST AID	
<u>Swallowed</u>	If poisoning occurs, contact a doctor or Poisons Information Centre. If swallowed do not induce vomiting. Give a glass of water. If any suspicion of aspiration into the lungs e.g. during vomiting) obtain medical advice immediately.
<u>Eye</u>	Irrigate with copious amounts of water. If soreness or redness persists, seek medical attention.
<u>Skin</u>	Wash off with soap and water. Remove and launder contaminated clothing before re-use.
<u>Inhalation</u>	Move to fresh air. Keep warm and at rest. Seek medical attention.
<u>Advice to Doctor</u>	Because of risk of aspiration, gastric lavage should only be undertaken after endotracheal intubation.

PRECAUTIONS FOR USE

<u>Exposure Limits</u>	Exposure limit not specified by the National Occupational Health and Safety Commission (Worksafe Australia) . Recommend Exposure Limit : 80 ppm , 8 hour TWA
<u>Engineering Controls</u>	Avoid breathing vapour. Use in a well ventilated area. Local exhaust ventilation usually required.
<u>Personal Protection</u>	Avoid skin and eye contact. Wear chemical resistant goggles and chemical resistant gloves. Wear protective clothing as necessary to avoid skin contact. Wear supplied air breathing apparatus in confined areas. Avoid prolonged or repeated skin contact. Wash thoroughly after handling.
<u>Flammability</u>	Avoid heat and sources of ignition. Prevent build-up of flammable vapours. Hoses should be electrically continuous and containers bonded to avoid static charge build-up.

SAFE HANDLING INFORMATION

Storage and Transport

Avoid contact with strong oxidising agents. Store in cool well ventilated area away from heat and ignition sources. Containers should always be kept closed in storage and properly labelled. Do not store in low or enclosed areas where vapours may become trapped. Store only in original or approved containers.

SHIPPING NAME UN 1300 MINERAL TURPENTINE GROUP III

Spills and Disposal

Extinguish all ignition sources and ventilate area. For major spills, dam and recover. Prevent entry into drainage systems, rivers, etc. Collect with absorbent material such as sand, earth or sawdust. Ensure waste disposal conforms with local waste disposal regulations. After recovery and evaporation remaining soil may be disposed of to approved landfill, or if approved, allowed to degrade insitu.

Fire/Explosion Hazard

Flammable liquid. Combustion products include oxides of carbon. Remove sources of re-ignition. Vapour/air mixtures may ignite explosively. Flashback along vapour trail may occur. Use foam, CO₂, powder or BCF fire extinguishers.

OTHER INFORMATION

Toxicology

Mineral Turpentine: LD50 oral, rat - > 2000 mg/Kg

CONTACT POINT

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EMERGENCY TELEPHONE NUMBER NOT AVAILABLE.

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