



CONSTANTIA ORGANIC FINISHES
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IDENTIFICATION of the SUBSTANCE(S) and COMPOSITION

Product Name	PINE OIL	<i>Cod e</i>	
Product Use	Use as a colour enhancer on timber		
Ingredients	<u>Name</u>	CAS Number	Proportion w/w
	Natural Tung Oil	8001 – 20 - 5	20 - 30 %
	Gum Turpentine Oil	8006 – 64 – 2	20 - 30 %
	Linseed Oil	8001 – 26 - 1	20 - 30 %


HAZARD IDENTIFICATION

Non – Hazardous Substance	Dangerous Goods
Acute	
Skin Risk	There is no assigned risk phrase
Inhalation Risk	There is no assigned risk phrase
Ingestion Risk	There is no assigned risk phrase
Eyes Risk	There is no assigned risk phrase
Safety Phrases	7/9,16,23.2,25 Further description, refer to page 4.
ADG	PAINT– immiscible in water, UN 1263, Class 3, Packing Group
Classification	II, HAZCHEM 3[V]E.
SUSDP	Not Classified as a Schedule poison.
Classification	


FIRST AID MEASURES

Inhalation	If the applicator feels drowsy, dizzy, tired or experiencing headaches, remove the victim to the fresh air. Keep the victim warm and quiet until all symptoms subside.	
Ingestion	If swallowed and only if the person is conscious, give water to drink. DO NOT induce vomiting. Seek URGENT medical attention if frothing from the mouth occurs.	
Eyes	If splashed into eyes, hold eyes open, irrigate copiously with clean water for at least 15 minutes. Seek immediate medical attention if any irritation occurs.	
Skin	If skin contact occurs, remove contaminated clothing, and wash thoroughly with soap and plenty of water. Seek medical attention if any irritation occurs.	
First Aid Facilities	Clean Water Supply, soap or skin cleaner, barrier cream, emergency showers and eye wash stations.	
Advice to Doctor	If poisoning occurs, get to a doctor or hospital quickly. Have a copy of this material safety data sheet or label available.	

FIRE FIGHTING MEASURES

Extinguishing Media and Requirements	Carbon Dioxide {CO ₂ }, alcohol resistant foam, dry chemical or water spray. DO NOT use water jets. Bund area with sand to prevent run – off entering waterways and drains.	
Fire Fighting Procedures & Precautions	Fire – fighters should wear Chemical Splash Suit with attached Self – Contained Breathing Apparatus and gloves. Evacuate all non fire–fighting personnel away from the area. Turn off all electricity and power supplies. Keep containers cool with water spray or water to prevent rupture or burning. Move away all containers and equipment from the direction of the fire, if safe to do so. Keep upwind.	
Flammability	Highly Flammable Liquid. Flash Point = < 15 °C	
Hazardous Decomposition Products	On heating, containers may rupture and explode: contents may burn rapidly forming toxic gases including carbon monoxide.	

ACCIDENTAL RELEASE MEASUREMENTS

Spills and Leaks	Contain all spills and leaks. Avoid contamination with spilt material on surfaces. Remove all sources of ignition and NO SMOKING . Wear the recommended full body impervious clothing, gloves and breathing apparatus as per AS– NZ 1715/16. Keep upwind. Absorb all spilt contents onto sand or earth.	
Disposal	Collect all residues into labelled and sealed containers for disposal via special waste collection services as per local Statutory Authority requirements.	
Other Precautions	Avoid contaminating waterways, drains, water courses and sewage.	

HANDLING and STORAGE

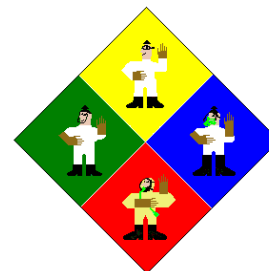
Handling	After use before eating, drinking or smoking wash all exposed skin with soap and water.
Storage	Containers must be clearly labelled, rigid and strong. Store upright in a cool, dry, well ventilated area from heat, ignition sources and direct sunlight e.g. Flammable Goods Store as per AS 1940 requirements. Rags must be disposed of in metal flammable proof containers as they may combust.

EXPOSURE CONTROLS

Exposure Standards MAK	Wood Turpentine Oil = 560 mg/m ³ .
Engineering Controls	When applying the product, ensure there is adequate ventilation during the application period.

PERSONAL PROTECTION

Inhalation AS –NZS 1715/16	It is advisable to wear an Organic Vapour Respirator during the application period.
Eye AS –NZS 1337	It is advisable to wear safety glasses fitted with side shields during the application period. Do not wear contact lenses.
Gloves AS –NZS 2161	It is advisable to wear Viton or PVC gloves during the application period.
Footwear AS –NZS 2210	It is advisable to wear enclosed footwear during the application period
Clothing AS –NZS 2919	It is advisable to wear anti–static clothing made on natural or synthetic high temperature fibre is recommended during the application period
Hearing AS –NZS 1270	Not required.
Other Requirements	Avoid contact with eyes and skin. Wear the recommended Personal Protective Equipment as described.



PHYSICAL – CHEMICAL PROPERTIES

Appearance	A colourless liquid with a terpene type odour.	
pH	Not required.	
Vapour Pressure (Butyl Acetate = 1)	Less than 1.	
Boiling Point °C	120 – 290 °C {literature value}	
Density	0.9	
Solubility in water	Immiscible	
Flash Point °C	< 15 °C {literature value}	
Flammability Limits	Lower Explosive Limit = 1.0%	Upper Explosive Limit = 3.5%
Auto Ignition °C	250 °C {literature value}	
Volatile Components	Not Known	

STABILITY and REACTIVITY

Chemical Stability	Stable under normal conditions of use.
Conditions to avoid	Avoid contact with heat and all ignition sources.
Incompatible materials	Incompatible with strong oxidizing agents
Hazardous decomposition products	On heating, containers may rupture and explode: contents may burn rapidly forming toxic gases including carbon monoxide.
Hazardous Reactions	Will not polymerize.

TOXICOLOGICAL INFORMATION

Inhalation	LC ₅₀	Rat	No data available
Skin	LD ₅₀	Rabbit	No data available
Ingestion	LD ₅₀	Rat	No data available

Eyes	No data available
Sensitization	No data available
Health Effects	Not Known

ECOLOGICAL INFORMATION

Environment	No data available.
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DISPOSAL CONSIDERATIONS

Collect all residues and placed into labelled and sealed containers. Do not incinerate empty containers after use. Dampen all unwanted cloths and rags in water prior to disposal. Do not recycle contents or spent containers. Crush all small empty containers. Larger containers and drums may be sent to an approved drum recycler. Ensure all contents do not pollute waterways, drains and other water courses.

TRANSPORT INFORMATION

UN number	1263		
Proper Shipping Name	PAINT, immiscible in water		
Class	3	Subsidiary Risk	Not Required
Packing Group	II		
Emergency Procedures	EP 3300	Initial Emergency Response Guide	14
HAZCHEM	3[<input checked="" type="checkbox"/>]E		
IMDG			



REGULATORY INFORMATION

Risk Phrases R	11	Highly Flammable
Safety Phrases S	7/9	Keep containers closed and in a well ventilated area when not in use.
	16	Keep away from sources of ignition – NO SMOKING.
	23.2	Avoid breathing vapours.
	25	Avoid contact with eyes.
SUSDP Classification	Not Classified as a Schedule Poison.	

OTHER INFORMATION

Emergency Contact	Poisons Information Centre AUS: 13 11 26 NZ: 0800 764 766	CONSTANTIA Ph: (08) 86823977 M: 0449994003
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