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MATERIAL SAFETY DATA SHEET

PRODUCT: NORGLASS SOFT COPPER ANTI FOULING

IDENTIFICATION

CLASSIFICATION	:	HAZARDOUS. According to criteria of Worksafe Australia.
Product Name	:	SOFT COPPER ANTI FOULING
Other Names	:	Anti fouling
Manufacturer's Product Code	:	7020
UN Number	:	1263
Correct Shipping Name	:	Paint Flammable liquid
Dangerous Goods Class & Subsidiary Risk	:	3.2
Hazchem Code	:	3[Y] PG III
Poison Schedule Number	:	Not available
Use	:	As anti fouling on underwater sections of hull of crafts, to prevent growth of weeds and marine organisms.

PHYSICAL DESCRIPTION/PROPERTIES

Appearance	:	Coloured (Red & Blue) viscous liquid with solvent odour.
Boiling Point °C	:	137 for solvent
Melting Point °C	:	
Vapour Pressure 25 °C	:	Not measured
Specific Gravity	:	1.68 – 1.700
Flashpoint °C	:	32 for solvent
Flammability limits	:	not measured
Solubility in water	:	insoluble

INGREDIENTS

Chemical Entity	CAS Number	Proportions w/w
Cuprous oxide	1317 – 39 – 1	35%
Rosin	8050 – 09 – 7	30%
Xylene	1330 – 20 – 7	15%
Pigments	Various	13%
Asphalt	Various	7%

HEALTH HAZARD INFORMATION

Health Effect	:	No toxicological data available on this product. Prolonged exposure by inhalation or ingestion is considered harmful. Simple preventative measures and strictly following label instructions will prevent adverse effects.
Acute Swallowed	:	Product contains cuprous oxide and aromatic compounds, will irritate mouth, throat and digestive system. May result in nausea, chill and diarrhoea if swallowed in large quantities.
Eye	:	Eye irritation, redness, pain and even conjunctivitis.
Skin	:	May cause skin irritation, prolonged and constant contact may Cause dermatitis.
Inhaled	:	Inhalation of solvent vapour is harmful, may cause headaches, Nausea and dizziness.
Chronic	:	Not known.

FIRST AID

Swallowed	:	Seek immediate medical attention. Do not induce vomiting. If victim is conscious give plenty of water to drink.
Eye	:	Wash eye with plenty of water with eye lids open. Viscous product may find difficult to wash. Seek medical attention.
Skin	:	Remove contaminated clothes, wash affected parts thoroughly with soap and water. Cleaning cream or rag damped with Acetone or methanol may help to remove difficult spots.
Inhaled	:	Remove to fresh air. Keep warm and rest. Seek medical attention.
First Aid Facilities	:	Eye wash fountains and safety showers.
Advice to Doctor	:	None

PRECAUTION FOR USE

Exposure standards	:	USA, OSHA PEL for copper 1mg/m ³ . Avoid excessive exposure to solvent vapours. Handle with care and follow good workplace practice to avoid risks. Do not drink, smoke or eat while handling the products.
Engineering controls	:	Use only in well ventilated areas. Strictly follow local regulations. Apply local dust extraction to areas where product is sanded to avoid exposure to dust inhalation.
Personal protection	:	Wear overalls. Use barrier cream on skin. Wear chemical resistant gloves, goggles and safety masks. Avoid breathing dust when sanding and solvent vapours by wearing approved respirators.
Flammability	:	Flammable product. Dangerous goods Class 3. Use away from heat sparks and naked flames. Do not smoke.

SAFE HANDLING INFORMATION

Storage and Transport	:	This product has been classified as hazardous. Dangerous Goods Class 3.2 store in a cool place, away from heat sparks and naked flames. Store in a well ventilated area. Keep containers tightly closed at all times. Do not store with food, food stuffs or drinks. Transport in accordance with Federal and State regulations. Keep out of reach of children. Store in original containers. Do not use aluminium containers.
Spills and disposal	:	Extinguish all sources of ignition. Wear recommended protective clothing. Do not allow spillage to contaminate water ways. Absorb the spill to saw dust sand or wood shavings and dispose in landfills according to local regulations.
Fire/Explosion Hazard	:	Flammable product. Use Dry chemicals. Carbondioxide foam to extinguish fire. Water spray may be used to cool fire exposed containers. Combustion products may be toxic and fire fighters must wear protective clothes and self contained breathing apparatus. Combustion product CuO.

Other Handling Information:

Contact Point: Mr. Les Baker
NORGLASS LABORATORIES PTY. LTD.

The information contained in this material safety sheet is based on tests carried out by our research centres and data selected from literature, but shall in no event be held to constitute or imply any warranty or understanding. No liability whatsoever can be accepted with regard to handling, processing or use of the product or products concerned, which in all cases be employed with due regard to all relevant regulations and/or legislation in the country or countries concerned.

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