

HiChem Paint Technologies Pty.Ltd.

A.B.N. 95 064 139 563

73 Hallam South Road, HALLAM, VICTORIA 3803.

Telephone : {03} 9796 3400

Facsimile : {03} 9796 4500

Email: msdsinfo@hichem.com.auwww.hichem.com.au

HAZARD IDENTIFICATION

The product is classified as **Non Dangerous Goods** and **Non Hazardous Substance** in accordance to Work Safe Australia criteria.

Risk Phrases R

There are no assigned risk phrases for this product as the concentration of the ingredients are below the recommended concentration cut – off values i.e. non – hazardous.

Safety Phrases S

- 7 Keep containers tightly closed when not in use.
 20/21 When using, do not eat, drink or smoke.
 24/25 Avoid skin contact and with the eyes.
 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice if irritation occurs.
 36/37/39 The wearing of Safety Glasses fitted with side – shields, anti – static clothing, particulate respirator, skin and hair protection.
 45 In case of accident, or if you feel unwell, seek medical advice immediately. Show the label where possible.
 62 If swallow, give plenty of water to drink. Do not induce vomiting.

ADG Classification Deemed as a Non Dangerous Goods in accordance with the current edition of “Australian Dangerous Goods Code”.

SUSDP Not classified as a Schedule poison.

IDENTIFICATION of the SUBSTANCE(S) and COMPOSITION

Product Name	MARINE CONTAINER COATING - WATERBASED	Code	
Product Use	Applied by spray for the painting of containers.		
Ingredients	Name	CAS Number	Proportion w/w
	Water	7732 – 16 – 5	30 – 60 %
	Coloured Pigments/ Extenders (non – hazardous)	Mixture	30 – 60 %
	Polymeric Synthetic Resin	Proprietary	10.0 – <30 %
	Additives (non – hazardous)	Mixture	1.0 – <10.0%

FIRST AID MEASURES

<i>Inhalation</i>	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.
<i>Ingestion</i>	If swallow, and only if the person is conscious, give plenty of water to drink. Do NOT induce vomiting. Seek medical attention if any symptoms occur.
<i>Eyes</i>	If splashed into eyes, hold eyelids apart, and flush the eyes continuously with running for at least 15 minutes. Continue flushing until advised by a doctor.
<i>Skin and Hair</i>	If skin or hair contact occurs, remove all contaminated clothing, flush skin and hair with running water. Seek medical attention if any irritation occurs.
<i>First Aid Facilities</i>	Clean Water Supply, soap or skin cleaner, barrier cream, emergency showers and eye wash stations.
<i>Advice to Doctor</i>	If poisoning occurs, consult with the Poisons Information Centre {Telephone 13 11 26 }. Have a copy of this material safety data sheet or label available. Treat symptomatically.



FIRE FIGHTING MEASURES

<i>Extinguishing Media and Requirements</i>	Not required as the product is non – flammable and non – combustible.
<i>Hazardous Decomposition Products</i>	Above the boiling point, the product may decompose. May burn forming carbon oxides, soot and smoke if evolved in a fire.
<i>Flammability</i>	Non – Flammable and Non – Combustible Liquid.
<i>Specific Hazards</i>	Not Known.
<i>Precautions in connection with Fire</i>	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 packages and equipment from the direction of the fire, if safe to do so. Keep upwind.



ACCIDENTAL RELEASE MEASURES

<i>Spills and Leaks</i>	Wash all spills and leaks with excess water.
<i>Disposal</i>	Residues may be washed away with water, since the product is non – hazardous to the environment. No special disposal requirements are required. For any queries consult the Local Statutory Authorities.
<i>Other Precautions</i>	Not required.



HANDLING and STORAGE

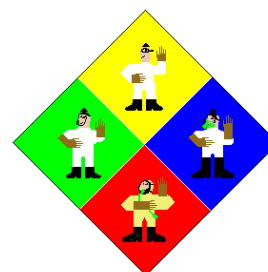
<i>Safe Handling</i>	After use and before eating, drinking or smoking, wash all exposed skin and hair with soap and water.
<i>Safe Storage</i>	Containers must be clearly labelled, rigid and strong.

EXPOSURE CONTROLS

Exposure Standards OEL	There are no assigned exposure standards for this product since the product is non – hazardous.
Exposure Standards STEL	There are no assigned exposure standards for this product since the product is non – hazardous.
Biological Limited Values	There are no known Biological Limited Values have been assigned.
Engineering Controls	Use in a well ventilated area.

PERSONAL PROTECTION

Inhalation AS –NZZ 1715/16	The wearing of particulate respirator is recommended to be worn during the spray application period.
Eye AS –NZZ 1337	The wearing of safety glasses fitted side shields or face shield is recommended during the spray application period. Do not wear contact lenses.
Gloves AS –NZZ 2161	The wearing of Viton or PVC gloves at all times is recommended during the spray application period.
Footwear AS –NZZ 2210	The wearing of enclosed footwear at all times is recommended during the spray application period.
Clothing AS –NZZ 2919	The wearing of anti–static clothing made on natural fibre is recommended during the spray application period.
Hearing AS –NZZ 1270	The wearing of hearing protection when applying by conventional spray should be worn during the application period.
Other Requirements	Avoid contact unnecessary contact with eyes, skin and hair.



PHYSICAL – CHEMICAL PROPERTIES

Appearance	A coloured liquid with no appreciable odour.
pH	8 – 10
Vapour Pressure (Butyl Acetate = 1)	Less than 1.
Boiling Point °C	100 – 170 °C { literature value }
Density	1.2 – 1.4 (depending on colour)
Solubility in water	Miscible
Flash Point °C	Non – Flammable
Flammability Limits	Not required.
Auto Ignition °C	Not required
Volatile Components	Water, organic solvents.

STABILITY and REACTIVITY

<i>Chemical Stability</i>	Stable under normal conditions of use.
<i>Conditions to avoid</i>	Not known.
<i>Incompatible materials</i>	Not known.
<i>Hazardous decomposition products</i>	There are no known hazardous decomposition products
<i>Hazardous Polymerization</i>	Will not polymerize since the product is supplied as a polymeric coating.

TOXICOLOGICAL INFORMATION

<i>Health Effects</i>	There are no assigned risk phrases for the ingredients in this product.
<i>Acute Oral Toxicity rat</i>	Low toxicity.
<i>Acute Dermal Toxicity rabbit</i>	Low toxicity
<i>Acute Inhalation Toxicity rat</i>	Low toxicity.

OTHER TOXICOLOGICAL INFORMATION (CONTINUED)*Other Health Effects*

<i>Inhalation</i>	Not known.
<i>Ingestion</i>	Large quantities may cause nausea and vomiting.
<i>Eyes</i>	May cause irritation to the eyes, including burning sensation, redness, swelling and/or blurred vision.
<i>Skin</i>	May have degreasing effect on the skin may result in contact dermatitis.
<i>Carcinogenicity</i>	Not carcinogenic in animal studies.
<i>Mutagenicity</i>	Not mutagenic in animal studies
<i>Reproductive Toxicity</i>	Does not impair fertility.

ECOLOGICAL INFORMATION

<i>Environment</i>	No data available
<i>Persistence/ Degradability</i>	No data available.
<i>Mobility</i>	No data available
<i>Environment Protection</i>	Not Known

DISPOSAL CONSIDERATIONS

Wash away all spilt material with excess water. 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. Crush all small empty containers. Large containers and drums may be sent to an approved drum recycler. For any queries consult the Local Statutory Authorities.

TRANSPORT INFORMATION

UN number	Not Required.		
Proper Shipping Name	NON DANGEROUS GOODS		
Class	Not Required	Subsidiary Risk	Not Required
Packing Group	Not Required	Initial Emergency Response Guide	Not Required
Emergency Procedures	Not Required		
HAZCHEM	Not Required		
IMDG	Not Known		



REGULATORY INFORMATION

Regulatory Information and Hazard Category	The product is classified as a Non Hazardous Substance in accordance to Work Safe Australia.
SUSDP Classification	Not classified as a Schedule Poison.

OTHER INFORMATION

Emergency Contact	Poisons Information Centre 13 11 26	HiChem Paint Technologies
Disclaimer		(03) 9796 3400

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