

HiChem Paint Technologies Pty.Ltd.

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Product Use: HICHEM Plastic Cleaner and Anti Static used as a cleaning agent on plastic surfaces prior to painting.

HAZARD IDENTIFICATION

The product is classified as **Dangerous Goods** and **Hazardous Substance** in accordance to SAFE WORK AUSTRALIA {HSIS} and GLOBALLY HARMONISED SYSTEM {GHS} criteria.

GHS requirements.

Classification of the substance or mixture

Flammable liquids – (Category 2)

Irritant – (Category 2)

DANGER

H 226

Flammable
Liquid and
Vapour

H 320 + H 315

An eye and skin
irritant. .**PRECAUTIONARY REQUIREMENTS****General Requirements**

P 102 Keep out of reach of children.

P 103 Read label before use.

Prevention

- P 210 Keep away from heat sources, electrical discharges (sparks), naked (open) flames and ignition sources. **NO SMOKING**
- P 233 + P 234 Keep original containers tightly closed when not in use and stored in a well ventilated area away from heat, ignition sources and sunlight.
- P 410
- P 261 Avoid inhaling vapour. Ensure there is adequate ventilation at all times.
- P 264 Wash all exposed skin and hair with warm water and soap after use.
- P 270 When using, do not eat, drink or smoke.
- P 273 Avoid release to the environment including waterways, sewage and drains.
- P 274 The wearing of Personal Protective Equipment including protective clothing, organic vapour respirator, gloves, eye protection and enclosed footwear during the application period.

The following Risk and Safety Phrases have been allocated for this product in accordance with SAFE WORK AUSTRALIA requirements. The Australian Dangerous Goods Code included.

Risk Phrases R

- 10 Flammable Liquid.
67 Vapours may cause headaches, drowsiness and dizziness.

Safety Phrases S

- 2 Keep out of reach of children
7/9 Keep containers tightly closed when not in use.
15/16 Keep away from heat and sources of ignition.
20/21 When using, do not eat, drink or smoke.
23.3 Do not breathe the vapours.
25 Avoid contact with the eyes.
45 In case of accident, or if you feel unwell, seek medical advice immediately. Show the label where possible.

ADG PAINT RELATED MATERIAL – UN 1263, Class 3, HAZCHEM 3 **Y** E Packing
Classification Group II, Initial Emergency Response Guide 15.
SUSMP Not Classified as a Schedule poison.

IDENTIFICATION of the SUBSTANCE(S) and COMPOSITION

<i>Product Name</i>	PLASTIC CLEANER AND ANTISTATIC		<i>Code</i>
<i>Ingredients</i>	<i>Name</i>	<i>CAS Number</i>	<i>Proportion w/w</i>
	Iso Propyl Alcohol	67 – 63 – 0	60 – 100 %
	Acetic Acid	64 – 19 – 7	1.0 – <10.0 %
	Water	7732 – 18 – 5	10 – <30.0 %

FIRST AID MEASURES

- Inhalation** If the applicator feels drowsy, dizzy, tired or experiencing headaches, remove oneself away from the contaminated area to the fresh air.
- Ingestion** If swallow, give water to drink. **DO NOT** induced vomiting; seek URGENT medical attention if frothing from the mouth occurs.
- Eyes** 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.
- Skin and Hair** If on hair or skin contact occurs, wash thoroughly with soap and plenty of water.
- First Aid Facilities** Clean Water Supply and eye washing facilities, and barrier cream.
- Advice to Doctor** If poisoning occurs, consult with the Poisons Information Centre {Telephone **13 11 26**}.



FIRE FIGHTING MEASURES

Extinguishing Media and Requirements Hazardous Decomposition Products Flammability Specific Hazards Precautions in connection with Fire

Carbon Dioxide {CO₂}, alcohol resistant foam, dry chemical or water spray. **DO NOT** use water jets. Bund area with sand to prevent run – off entering waterways, sewage and drains. On heating, containers may rupture and explode: contents may burn rapidly forming soot and smoke, above the boiling point

Flammable Liquid. Flash Point = 23 °C

Vapours may form explosive/air mixtures.

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

Spills and Leaks Disposal

Wash all spills and leaks with excess water. 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.

Other Precautions

Ensure there is adequate ventilation at all times during the cleaning up period.



HANDLING and STORAGE

Precautions for Safe Handling

Flammable Liquid. Remove all sources of ignition and heat. Ensure there is adequate ventilation at all times. After use, before eating, drinking or smoking, wash the contaminated hair with soap and water.

Conditions of Safe 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

EXPOSURE CONTROLS

Exposure Standards MAK

Acetic Acid = 25 mg/m³.

Iso Propyl Alcohol = 500 mg/m³

Exposure Standards STEL

Acetic Acid = 37 mg/m³

Biological Limited Values

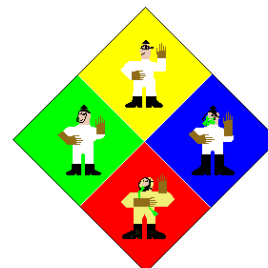
There are no known Biological Limited Values have been assigned.

Engineering Controls

Use in a well ventilated area away from heat sources.

PERSONAL PROTECTION

Inhalation	The wearing of an Organic Vapour Respirator should be worn during the application period
AS –NZN 1715/16	
Eye	The wearing of safety glasses fitted with side shields should be worn during the application period. Avoid the wearing of contact lenses.
AS –NZN 1337	
Gloves	The wearing of Neoprene gloves should be worn during the application period
AS –NZN 2161	
Footwear	The wearing of enclosed footwear should be worn during the application period
AS –NZN 2210	
Clothing	Protective clothing should be worn during the application period
AS –NZN 2919	
Hearing	Not required.
AS –NZN 1270	
Other Requirements	Avoid contact with eyes and vapours. Avoid inhaling vapours.



PHYSICAL – CHEMICAL PROPERTIES

Appearance	A colourless liquid with an alcoholic odour.	
pH	Not required.	
Vapour Pressure <i>(Butyl Acetate = 1)</i>	Greater than 1	
Boiling Point °C	82– 118 °C	
Density	0.82 {calculated value }	
Solubility in water	Miscible	
Flash Point °C	23 °C (literature value)	
Flammability Limits	Lower Explosive Limit = 2.0	Upper Explosive Limit = 12.7
Auto Ignition °C	425 °C (literature value)	
Volatile Organic Compounds VOC	66 % weight/volume	
Volatile Components	Iso Propyl Alcohol.	

STABILITY and REACTIVITY

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

TOXICOLOGICAL INFORMATION

<i>Health Effects</i>	<i>Risk Phrase</i>	<i>Acetic Acid</i>	<i>Iso Propyl Alcohol</i>
Inhalation LC ₅₀ rat	20	20 mgm/L.	20 mgm/L.
Dermal LD ₅₀ rabbit	21	1060 mgm/kg	12600 mgm/kg
Oral LD ₅₀ rat	22	3310 mgm/kg	5050 mgm/kg

Acute Oral Toxicity rat Low toxicity.

Acute Dermal Toxicity rabbit Low toxicity.

Acute Inhalation Toxicity rat Low toxicity. High concentrations may cause central nervous system depression resulting in headaches, dizziness and nausea; continued inhalation may result in unconsciousness and/or death.

TOXICOLOGICAL INFORMATION (CONTINUED)

Health Effects

Inhalation	The inhalation of vapours may cause central nervous system depression resulting in headaches, dizziness, nausea, loss of co-ordination, impaired judgement. Vapours may cause headaches, drowsiness and dizziness
Ingestion	Large quantities may cause nausea and vomiting.
Eyes	May irritate to the eyes, including burning sensation, redness, swelling and/or blurred vision. Also, may cause decreased in colour perception.
Skin	Not known
Carcinogenic	Not carcinogenic in animal studies.
Mutagenic	Not mutagenic in animal studies
Reproductive Toxicity	No data available.

ECOLOGICAL INFORMATION

Environment May be harmful to aquatic organisms, may cause long term adverse effects to the aquatic environment

Persistence/ Degradability No data available.

Mobility No data available

Environment Protection Not Known



DISPOSAL CONSIDERATIONS

Wash away all residues with excess water. Do not incinerate empty containers after use. Dampen all unwanted cloths and rags in water prior to disposal. Do not recycle contents.

TRANSPORT INFORMATION

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



REGULATORY INFORMATION

Regulatory Information and Hazard Category	The product is classified as Hazardous Substance in accordance to SAFE WORK AUSTRALIA {HSIS} and Globally Harmonised System as an irritant.
SUSMP 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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