

HiChem Paint Technologies Pty.Ltd.

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13 11 26

Product Use: HICHEM Rust Not {Colour Range} is a single pack, industrial finish applied by brush, roller or spray onto various surfaces

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)

Dermal, Inhalation and Eye Irritation – (Category 2)

Acute Toxicity – inhalation dermal, oral (Category 3)

Environment – Aquatic Organisms

DANGER

H 225
Highly
Flammable
Liquid and
Vapour



H 302 + H 312 +
H 332
Harmful if
swallowed, in
contact with the
skin and if
inhaled



H 320 + H 315 +
H 335
Can cause eye,
skin and
respiratory
irritation.



H 402 + H 413
Harmful to
aquatic life and
may cause long
lasting harmful
effects to aquatic
life

PRECAUTIONARY REQUIREMENTS**General Requirements**

P 102 Keep out of reach of children.

P 103 Read label before use.

PreventionP 210 Keep away from heat sources, electrical discharges (sparks), naked (open) flames and ignition sources. **NO SMOKING.**

P 233 + P 234 + P 410 Keep original containers tightly closed when not in use and stored in a well ventilated area away from heat and sunlight.

P 261 Avoid inhaling vapours and spray mists. 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/particulate 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

- 11 Highly Flammable Liquid.
 21/22 Harmful by inhalation, in contact with skin and if swallowed.
 36/37/38 Irritating to eyes, respiratory system and skin.
 52/53 Harmful to aquatic organisms, may cause long term adverse effects to the aquatic environment.
 65/66/67 Harmful. May cause lung damage if swallowed. Repeated or prolonged exposure may cause skin dryness and cracking 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 and also in a well ventilated area.
 15/16 Keep away from heat and sources of ignition.
 20/21 When using, do not eat, drink or smoke.
 23.5 Do not breathe the vapours or spray mists.
 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.
 27 Take off immediately all contaminated clothing.
 28.1 In contact with the skin, wash immediately soap and plenty of water.
 36/37/38/39 Wear protective clothing, including enclosed footwear, PVC or Neoprene gloves, organic vapour/particulate respirator including eye, hair and face protection, and hearing protection.
 45 In case of accident, or if you feel unwell, seek medical advice immediately. Show the label where possible.
 62 If swallowed, do not induce vomiting: seek medical advice immediately. Show the label where possible.

ADG PAINT – immiscible in water, UN 1263, Class 3, HAZCHEM 3[Y]E, Packing Group
Classification II, Initial Emergency Response Guide 14.
SUSMP Classified as a Schedule S 5 poison.

IDENTIFICATION of the SUBSTANCE(S) and COMPOSITION

Product Name	RUST NOT COLOUR RANGE		Code	RN
Ingredients	Name	CAS Number	Proportion w/w	
	Mineral Turpentine	9005 – 90 – 7	10 – <30.0 %	
	Xylene	1330 – 20 – 7	10 – <30.0 %	
	Ethyl Benzene	100 – 41 – 4	1.0 – <10.0 %	
	Toluene	108 – 88 – 3	1.0 – <10.0 %	
	Polymeric Synthetic Resin (Non – Hazardous)	Proprietary	10 – <30.0 %	
	Encapsulated Pigments/Extender (Non – Hazardous)	Mixture	10 – <30.0 %	
	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 away from the contaminated area to the fresh air. Keep the victim warm and quiet until all symptoms subside. If the victim is not breathing, apply artificial respiration immediately away from the contaminated area.
<i>Ingestion</i>	If swallow, and only if the person is conscious, give water to drink. DO NOT induced vomiting; seek URGENT medical attention if frothing from the mouth occurs.
<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 and hair contact occurs, remove contaminated clothing, and wash thoroughly with soap and plenty of water. Continue flushing until advised by a doctor.
<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 as symptoms may be delayed for several hours after exposure.



FIRE FIGHTING MEASURES

<i>Extinguishing Media and Requirements</i>	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, sewage and drains.
<i>Hazardous Decomposition Products</i>	On heating, containers may rupture and explode: contents may burn rapidly forming toxic gases including carbon monoxide, soot and smoke, above the boiling point
<i>Flammability</i>	Highly Flammable Liquid. Flash Point = 4 °C
<i>Specific Hazards</i>	Vapours may form explosive/air mixtures.
<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>Emergency Procedures. Spills and Leaks</i>	Contain all spills and leaks. Avoid contamination with spilt material on surfaces or entering waterways, drains and sewage. 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.
<i>Disposal</i>	Collect all residues into labelled and sealed containers for disposal via special waste collection services as per local Statutory Authority requirements.



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

HANDLING and STORAGE

Precautions for Safe Handling Highly Flammable Liquid. Remove all sources of ignition. Wear the recommended Personal Protective Equipment including organic vapour respirator, eye/face protection, protective clothing, gloves and enclosed footwear. Ensure there is adequate ventilation at all times. After use, before eating, drinking or smoking, wash all exposed skin and 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 e.g. Flammable Goods Store as per AS 1940 requirements.

EXPOSURE CONTROLS

Exposure Standards MAK	Xylene = 350 mg/m ³	Mineral Turpentine = 480 mg/m ³
Exposure Standards STEL	Ethyl Benzene = 440 mg/m ³	Toluene = 190 mg/m ³
	Xylene = 655 mg/m ³	Toluene = 565 mg/m ³

Biological Limited Values Engineering Controls There are no known Biological Limited Values have been assigned.

The use of local exhaust ventilation equipment is required. All ventilation equipment must be fitted with flame and explosion proof electrical fittings. Do not fill containers in a confined space.

PERSONAL PROTECTION

Inhalation AS –NZZ 1715/16 The wearing of Organic Vapour/Particulate Respirator **should** be worn at all times during the handling and application period.

Eye AS –NZZ 1337 The wearing of safety glasses fitted with side shields **should** be worn at all times during the handling and application period. Do not wear contact lenses.

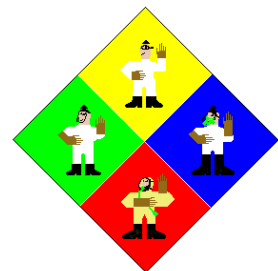
Gloves AS –NZZ 2161 The wearing of Neoprene or PVC gloves **should** be worn at all times during the handling and application period.

Footwear AS –NZZ 2210 The wearing of enclosed footwear **should** be worn at all times during the handling and application period.

Clothing AS –NZZ 2919 The wearing of anti-static clothing made on natural or synthetic high temperature fibre **should** be worn at all times during the handling and application period

Hearing AS –NZZ 1270 When applied by conventional spray, the wearing of hearing protection should be worn.

Other Requirements Avoid contact with eyes and skin. Avoid inhaling spray mists and vapours.



PHYSICAL – CHEMICAL PROPERTIES

Appearance	A coloured, viscous liquid with a mild odour.	
pH	Not required.	
Vapour Pressure (Butyl Acetate = 1)	Greater than 1	
Boiling Point °C	110 – 150 °C	
Density	1.08 {calculated value}	
Solubility in water	Immiscible	
Flash Point °C	4 °C (literature value)	
Flammability Limits	Lower Explosive Limit = 1.0	Upper Explosive Limit = 8.0
Auto Ignition °C	250° C (literature value)	
Volatile Organic Compounds VOC	51 % weight/volume	
Volatile Components	Mineral Turpentine, Ethyl Benzene, Xylene, Toluene.	

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 toxic gases including carbon monoxide, soot and smoke.
Incompatible materials	Incompatible with strong oxidizing agents
Hazardous Reactions	Will not polymerize.

TOXICOLOGICAL INFORMATION

<i>Health Effects</i>	<i>Risk Phrase</i>	<i>Mineral Turpentine</i>	<i>Xylene</i>	<i>Ethyl Benzene</i>	<i>Toluene</i>
Inhalation LC ₅₀ rat	20	20 mgm/L.	20 mgm/L.	20 mgm/L.	20 mgm/L.
Dermal LD ₅₀ rabbit	21	2000 mgm/kg	4500 mgm/kg	2000 mgm/kg	12100 mgm/kg
Oral LD ₅₀ rat	22	2000 mgm/kg	4300 mgm/kg	2000 mgm/kg	640 mgm/kg

Acute Oral Toxicity rat	Low toxicity. Aspiration into lungs when swallowed or vomited may cause chemical pneumonitis which can be fatal.
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 acute irritation to the respiratory system. Other symptoms 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. Harmful. May cause lung damage if swallowed.
Eyes	May irritate to the eyes, including burning sensation, redness, swelling and/or blurred vision. Also, may cause decreased in colour perception.
Skin	May have degreasing effect on the skin may result in contact dermatitis. Repeated or prolonged exposure may cause skin dryness and cracking.
Carcinogenic	No evidence of a carcinogenic effect
Mutagenic	Not mutagenic in animal studies.
Reproductive	No data available
Toxicity	

ECOLOGICAL INFORMATION

Environment	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**

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. Ensure all contents do not pollute waterways, drains and sewage.

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	Not Known		



REGULATORY INFORMATION**Regulatory
Information and
Hazard Category
SUSMP
Classification**

The product is classified as Hazardous Substance in accordance to SAFE WORK AUSTRALIA {HSIS} and Globally Harmonised System as Harmful and Irritant.

Classified as a Schedule S 5 Poison.

OTHER INFORMATION**Emergency
Contact
Disclaimer**

Poisons Information Centre 13 11 26

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