

HiChem Paint Technologies Pty Ltd

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Email: msdsinfo@hichem.com.auWebsite: www.hichem.com.au**IDENTIFICATION of the SUBSTANCE(S) and COMPOSITION**

| | | | |
|---------------------|---|-------------------|-----------------------|
| Product Name | AUTOMOTIVE ENAMEL – LEAD FREE TINTERS | | E – |
| Product Use | Applied by spray for painting of automotive vehicles. | | |
| Ingredients | Name | CAS Number | Proportion w/w |
| | Coloured Pigments (Non-Hazardous) | Not Known | 0.1 – 30 % |
| | Liquid Aliphatic Hydrocarbons – High Flash Pt. | Not Known | 10 – 30 % |
| | Synthetic Resins (Non-Hazardous) | Not Known | 10 – 30 % |
| | Additives (Non-Hazardous) | Not Known | 1 – 10 % |

HAZARD IDENTIFICATION

The product is classified both as Hazardous Substance and Dangerous Goods in accordance to NOHSC.

Chronic Risk 65,66,67 Harmful. May cause lung damage if swallowed. Repeated exposure may cause skin dryness and cracking. Vapours may cause headaches, drowsiness and dizziness.

Acute

Skin Risk 21,38 Harmful X_n, Irritant X_i

Inhalation Risk 20,37 Harmful X_n Irritant X_i

Ingestion Risk 22 Harmful X_n

Eyes Risk 36 Irritant X_i

Safety Phrases 7/9,23.5,24/25,36/37/38/39 Further description, refer to page 4.

ADG PAINT– immiscible in water, UN 1263, Class 3, Packing Group III,

Classification HAZCHEM 3[Y].

SUSDP Classified as a Schedule S 5 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 S 45 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**

***Extinguishing
Media and
Requirements
Fire Fighting
Procedures &
Precautions***

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 and drains.

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
Hazardous
Decomposition
Products***

Flammable Liquid. Flash Point = 37 °C

On heating, containers may rupture and explode: contents may burn rapidly forming toxic gases including carbon monoxide.

ACCIDENTAL RELEASE MEASURES

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

Keep out of reach of children. Avoid unnecessary contact with the material. 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.

EXPOSURE CONTROLS

***Exposure
Standards MAK
Engineering
Controls***

Liquid Aliphatic Hydrocarbons – High Flash Point = Not Known

When applying by spray, all work should be performed out in approved spray booth in accordance with Australian Standards.

PERSONAL PROTECTION

Inhalation
AS –N.ZS 1715/16

The wearing of an Organic Vapour – Particulate Respirator is recommended during the mixing and spray application period; until all spray mists are efficiently dispersed from the spray booth atmosphere before exiting.

Eye
AS –N.ZS 1337

The wearing of safety glasses fitted with side shields is recommended during the mixing and spray application period. Do not wear contact lenses.

Gloves
AS –N.ZS 2161

The wearing of Viton or PVC gloves is recommended during the mixing and spray application period.

Footwear
AS –N.ZS 2210

The wearing of enclosed footwear is recommended during the mixing and spray application period

Clothing
AS –N.ZS 2919

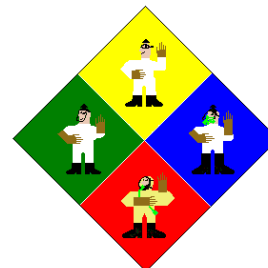
The wearing of anti-static clothing made on natural or synthetic high temperature fibre is recommended during the mixing and spray application period

Hearing
AS –N.ZS 1270

The wearing of hearing protection when applying by conventional spray is recommended during the spraying application period

Other Requirements

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



PHYSICAL – CHEMICAL PROPERTIES

Appearance
pH
Vapour Pressure
(Butyl Acetate = 1)
Boiling Point ° C
Density
Solubility in water
Flash Point ° C
Flammability Limits
Auto Ignition ° C
Volatile Components

A coloured liquid with a mild odour.
Not required.
Less than 1.
175 – 210 ° C {literature value}
1.1 – 1.3 {depending on colour}
Immiscible
37 ° C {literature value}
Lower Explosive Limit = 1.0 % Upper Explosive Limit = 3.5 %
250 ° C {literature value}
Organic Solvents

STABILITY and REACTIVITY

Chemical Stability
Conditions to avoid
Incompatible materials
Hazardous decomposition products
Hazardous Reactions

Stable under normal conditions of use.
Avoid contact with heat and all ignition sources.
Incompatible with strong oxidizing agents
On heating, containers may rupture and explode: contents may burn rapidly forming toxic gases including carbon monoxide.
Will not polymerize.

TOXICOLOGICAL INFORMATION

| | | | |
|------------------------|------------------|--------|---|
| Inhalation | LC ₅₀ | rat | Organic Solvents > 20mg/Litre for 4 hours |
| Skin | LD ₅₀ | rabbit | Organic Solvents > 400 mg/kilogram bodyweight/day |
| Ingestion | LD ₅₀ | rat | Organic Solvents > 200 mg/kilogram bodyweight/day |
| Eyes & Skin | | | Organic Solvents – irritant |
| Sensitization | | | No data for organic solvents. |
| Health Effects | | | Not Known. |

ECOLOGICAL INFORMATION

Environment No data available

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 | III | | |
| Emergency Procedures | EP 3303 | Initial Emergency Response Guide | 15 |
| HAZCHEM | 3 | | |
| IMDG | 3 | | |



REGULATORY INFORMATION

| | | |
|-----------------------------|--------------------------------------|---|
| Risk Phrases R | 65,66,67 | Harmful. May cause lung damage if swallowed. Repeated exposure may cause skin dryness and cracking. Vapours may cause headaches, drowsiness and dizziness |
| | 20/21/22 | Harmful by inhalation, skin contact and if swallowed. |
| | 36/37/38 | Irritating to eyes, respiratory tract and skin. |
| | 10 | Flammable |
| Safety Phrases S | 7/9 | Keep containers closed and in a well ventilated area when not in use. |
| | 23.5 | Avoid breathing vapours or spray mist. |
| | 24/25 | Avoid contact with skin and eyes. |
| | 36/37/38/39 | Wear recommended Personal Protective Equipment – protective clothing, gloves, boots, respirator, eyes and hearing protection. |
| SUSDP Classification | Classified as a Schedule S 5 Poison. | |

OTHER INFORMATION

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

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