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IDENTIFICATION of the SUBSTANCE(S) and COMPOSITION

Product Name AUTOMOTIVE ENAMEL – LEAD CONTAINING TINTERS E –
Product Use Applied by spray for painting of automotive vehicles.

Ingredients	***Name***	***CAS Number***	***Proportion w/w***
	Lead Chromate {as Lead}	7758 – 97 – 6	0.1 – 30 %
	Lead Chromate {as Chromium}	7758 – 97 – 6	0.1 – 10 %
	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	33,40,60, 61,65,66,67	Danger of cumulative effects. Limited evidence of a carcinogenic effect. May impair fertility. May cause harm to unborn child. 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 Classification PAINT– immiscible in water, UN 1263, Class 3, Packing Group III, HAZCHEM 3[Y].
SUSDP Classification Classified as a Schedule S 6 poison.

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 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.
S 45

FIRE FIGHTING MEASURES

Extinguishing Media and Requirements	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 and drains.
Fire Fighting Procedures & Precautions	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	Flammable Liquid. Flash Point = 37 ^{o}C
Hazardous Decomposition Products	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

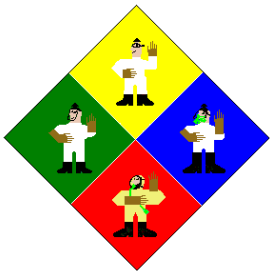
Handling	Keep out of reach of children. Avoid unnecessary contact with the material. After use before eating, drinking or smoking wash all exposed skin with soap and water.
Storage	Containers must be clearly labelled, rigid and strong. Store upright in a cool, dry, well ventilated area from heat, ignition sources and direct sunlight e.g. Flammable Goods Store as per AS 1940 requirements.

EXPOSURE CONTROLS

Exposure Standards MAK	Liquid Aliphatic Hydrocarbons – High Flash Point = Not Known Lead = 0.15 mg/m^3. Chromium = 0.05 mg/m^3.
Engineering Controls	When applying by spray, all work must be performed out in approved spray booth in accordance with Australian Standards.

PERSONAL PROTECTION

Inhalation ***AS –NZS 1715/16***	The wearing of an Organic Vapour – Particulate Respirator **should** be worn at all times during the mixing and spray application period; until all spray mists are efficiently dispersed from the spray booth atmosphere before exiting.
Eye ***AS –NZS 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 –NZS 2161***	The wearing of Viton or PVC gloves is recommended during the mixing and spray application period.
Footwear ***AS –NZS 2210***	The wearing of enclosed footwear is recommended during the mixing and spray application period
Clothing ***AS –NZS 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 –NZS 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	A coloured liquid with a mild odour.
pH	Not required.
Vapour Pressure ***(Butyl Acetate = 1)***	Less than 1.
Boiling Point °C	175 – 210 °C {literature value}
Density	1.1 – 1.3 {depending on colour}
Solubility in water	Immiscible
Flash Point °C	37 °C {literature value}
Flammability Limits	Lower Explosive Limit = 1.0 % Upper Explosive Limit = 3.5 %
Auto Ignition °C	250 °C {literature value}
Volatile Components	Organic Solvents

STABILITY and REACTIVITY

Chemical Stability	Stable under normal conditions of use.
Conditions to avoid	Avoid contact with heat and all ignition sources.
Incompatible materials	Incompatible with strong oxidizing agents
Hazardous decomposition products	On heating, containers may rupture and explode: contents may burn rapidly forming toxic gases including carbon monoxide and lead fumes.
Hazardous Reactions	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 and Lead Chromate > 200 mg/kilogram bodyweight/day
Eyes, Skin			Organic Solvents – irritant
Sensitization			No data for organic solvents.
Health Effects			R33 – Danger of cumulative effects R40 – Limited evidence of a carcinogenic effect. R60 – May impair fertility. R61 – May cause harm to unborn child.

ECOLOGICAL INFORMATION

Environment

R50 – Very toxic to aquatic organisms.
R53 – May cause long – term adverse effects to the aquatic environment

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[Y]		
IMDG			

REGULATORY INFORMATION

Risk Phrases R	33,40,60,61 65,66,67	Danger of cumulative effects. Limited evidence of a carcinogenic effect. May impair infertility. May cause harm to the unborn child. 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 6 Poison. Contains maximum 30 % Lead and 10 % Chromium of the Non – Volatile Content of the paint.	

OTHER INFORMATION

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

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Version 1 - Revised