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MATERIAL SAFETY DATA SHEET

PRODUCT: BUMPER COAT LACQUER

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IDENTIFICATION of the SUBSTANCE(S) and COMPOSITION

Product Name: BUMPER COAT LACQUER

Code: BC01-05

Product Use: Use as an automotive spraying finish

Ingredients:	Name	CAS Number	Proportion w/w
	Toluene	108 – 88 – 3	30-60 %
	Aliphatic Esters	Not Known	10 – 30 %
	Aliphatic Ketones	Not Known	10 – 30 %
	Synthetic Resins (Non-Hazardous)	Not Known	10 – 30 %
	Additives (Non-Hazardous)	Not Known	1 – 10 %

HAZARD IDENTIFICATION

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 Xn, Irritant Xi

Inhalation Risk 20,37 Harmful Xn Irritant Xi

Ingestion Risk 22 Harmful Xn

Eyes Risk 36 Irritant Xi

ADG Classification: PAINT– immiscible in water, UN 1263, Class 3, Packing Group II, HAZCHEM 3[Y]E.

SUSDP Classification: Classified as a Schedule S 5 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 clean water to drink. If any symptoms occur, 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 as systems may be delayed for several hours after exposure.



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FIRE FIGHTING MEASURES

Extinguishing Media and Requirements:

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 Fighting Procedures & Precautions:

Fire – fighters must 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:

Highly Flammable Liquid. Flash Point = - 17 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: Toluene= 190 mg/m³ Aliphatic Esters = not known

Exposure Standards STEL: Aliphatic Ketones = not known

Engineering Controls: When applying the product, ensure there is adequate ventilation during the application period.



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PERSONAL PROTECTION

- Inhalation AS –NZN 1715/16:** The wearing of an Organic Vapour – Particulate Respirator is recommended during application period.
- Eye AS –NZN 1337:** The wearing of safety glasses fitted with side shields is recommended during the application period. Do not wear contact lenses.
- Gloves AS –NZN 2161:** The wearing of Viton or PVC gloves is recommended during the application period.
- Footwear AS –NZN 2210:** The wearing of enclosed footwear is recommended during the application period.
- Clothing AS –NZN 2919:** The wearing of anti–static clothing made on natural or synthetic high temperature fibre is recommended during the application period.
- Hearing AS –NZN 1270:** The wearing of hearing protection when applying by conventional spray must be worn during the spraying application period
- Other Requirements:** Avoid contact with eyes and skin. Wear the recommended Personal Protective Equipment as described.

PHYSICAL – CHEMICAL PROPERTIES

- Appearance:** A coloured liquid with a sweet odour.
- pH:** Not required.
- Vapour Pressure:** Greater than 1.0
(*Butyl Acetate = 1*)
- Boiling Point oC:** 56 – 145 °C {literature value}
- Density:** 0.95 {calculated value}
- Solubility in water:** immiscible
- Flash Point oC:** - 17 °C {literature value}
- Flammability Limits:** Lower Explosive Limit = 1.0 % Upper Explosive Limit = 15 %
- Auto Ignition oC:** 370 °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.
- Hazardous decomposition products:** Stable
- Incompatible materials:** Incompatible with strong oxidizing agents
- Hazardous Reactions:** Will not polymerize.



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TOXICOLOGICAL INFORMATION

<i>Inhalation</i>	LC50	rat	Organic Solvents > 20mg/Litre for 4 hours
<i>Skin</i>	LD50	rabbit	Organic Solvents > 400 mg/kilogram bodyweight/day
<i>Ingestion</i>	LD50	rat	Organic Solvents > 200 mg/kilogram bodyweight/day
<i>Eyes</i>	Organic Solvents – irritant		
<i>Sensitization</i>	No data for Organic Solvents – non sensitizer		

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: II
Emergency Procedures: 3300
Initial Emergency Response Guide: 14
HAZCHEM 3[Y]E
IMDG Not Known



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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.
	11	Highly Flammable
Safety Phrases S	7/9	Keep containers closed and in a well ventilated area when not in use.
	23.5	Avoid breathing vapours and spray mists.
	24/25	Avoid contact with skin and eyes.
	36/37/38/39	Wear recommended Personal Protective Equipment – protective clothing, gloves, boots, respirator, eye and hearing protection.

SUSDP Classification: Classified as a Schedule S 5 poison.

OTHER INFORMATION

Emergency Contact: Poisons Information Centre 13 11 26
Trimfix Supplies (03) 54283988

Disclaimer

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