Material Safety Data Sheet

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Product Name: **AEROSOL ENGINE ENAMEL**

Classified as hazardous

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name	AEROSOL ENGINE ENAMEL
Company Name	Septone Products Pty Ltd (ABN 50 009 745 537)
Address	44 Aquarium Avenue HEMMANT QLD 4174
Emergency Tel.	Business hours only: 1800 000 945 or New Zealand Poisons Information Centre 0800 764 766
Telephone/Fax Number	Tel: (07) 3390 5044 Fax: (07) 3390 5041
Email	general@septone.com.au (For NZ customers other than in emergencies. Your supplier can be contacted)
Recommended Use	Automotive engine enamel, aerosol form, available in a range of colours

Other Names

Name	Mancode
AEROSOL ENGINE ENAMEL BRIGHT RED	AAEBR400
AEROSOL ENGINE ENAMEL CHEVY ORANGE	AAECO400
AEROSOL ENGINE ENAMEL BRIGHT YELLOW	AAEBY400
AEROSOL ENGINE ENAMEL FLAT BLACK	AAEFB400
AEROSOL ENGINE ENAMEL FORD DARK BLUE	AAEFDB400
AEROSOL ENGINE ENAMEL FORD LIGHT BLUE	AAEFLB400
AEROSOL ENGINE ENAMEL GLOSS BLACK	AAEGB400
AEROSOL ENGINE ENAMEL HOLDEN ORANGE	AAEHO400
AEROSOL ENGINE ENAMEL ALUMINIUM	AAEA400
AEROSOL ENGINE ENAMEL HOT PINK	AAEHP400

2. HAZARDS IDENTIFICATION

Hazard Classified as hazardous

Classification
HAZARDOUS SUBSTANCE.
DANGEROUS GOODS.
Hazard classification according to the criteria of NOHSC.
Dangerous goods classification according to the Australia Dangerous Goods Code.

Risk Phrase(s)
Classified as hazardous
R11 Highly flammable.
R20/21 Harmful by inhalation and in contact with skin.
R38 Irritating to skin.

Safety Phrase(s)
S16 Keep away from sources of ignition - No smoking.
S2 Keep out of reach of children.
S25 Avoid contact with eyes.
S29 Do not empty into drains.
S33 Take precautionary measures against static discharges.
S45 In case of accident or if you feel unwell seek medical advice immediately
S53 Avoid exposure - obtain special instructions before use.
S9 Keep container in a well ventilated place.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Composition, information on ingredients
There are no lead or chrome pigments used in the manufacture of this paint

Chemical Characterization
Gas

Ingredients

Name	CAS	Proportion	Hazard	R Phrase
Hydrocarbon propellant	68475-59-2	30-60 %	F+	R12
Acetone	67-64-1	30-60 %	Xi, F	R11, R36, R66, R67
Ingredients determined not be be hazardous		10-30 %		
Xylene	1330-20-7	10-30 %	Xn, Xi	R10, R20/21, R38
Toluene	108-88-3	10-30 %	Xn, F	R11, R20

4. FIRST AID MEASURES

Inhalation
Rescuers should wear respiratory protection. Remove the victim from the source of exposure. If the victim is not breathing, apply artificial resuscitation. For all but the most minor symptoms, seek medical attention.

Ingestion
If sprayed in mouth, rinse mouth with water. Do NOT induce vomiting. Give water to drink. Seek medical attention.

Skin
Remove contaminated clothing and launder before re-use. Wash affected skin and hair thoroughly with soap and water.

Eye
Hold the eyes open and flush with water for at least 15 minutes. Seek medical attention.

First Aid Facilities
A safety shower and an eye irrigation facility should be provided. This Material Safety Data Sheet should be provided to the attending medical doctor.

Advice to Doctor
Inhalation: Treat symptomatically. CNS depression, characterised by headache and nausea.
Ingestion: Gastrointestinal irritation, nausea, vomiting and cramping. CNS depression, ranging from mild headache to

anaesthesia and coma. Pulmonary irritation secondary to exhalation of solvent. Lavage with cuffed tube if large quantity ingested. Aspiration is the main danger. Enforce bed rest and observe carefully. Prophylactic antibiotics are useful. Observe for 24 hours for chemical pneumonitis. Longer term medical surveillance may be necessary. Maintain airways and vital functions. Avoid sympathomimetic amines.

Other Information For advice, contact a Poisons Information Centre (phone Australia 13 1126, New Zealand 0800 764 766) or a doctor at once.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media Firefighters should fight large fires with AFFF foam. For smaller fires, suitable extinguishers are dry chemical, carbon dioxide or foam.

Special Protective Equipment for fire fighters If this product is involved in a fire, firefighters should wear full protective equipment including self-contained breathing apparatus.

Specific Hazards Highly flammable. Aerosol containers are highly pressurised and can explode in a fire. Keep intact containers cool using a water fog. Vapours are heavier than air.

6. ACCIDENTAL RELEASE MEASURES

Spills & Disposal Personnel involved in cleaning up any spills are to wear appropriate protective equipment. Remove all sources of heat or ignition. Do not smoke during the clean-up procedure. Cordon off the spillage area. Isolate the source of the spillage or leak. Contain the spillage using a suitable non-flammable absorbent material such as sand or diatomaceous earth (but not sawdust), and then transfer to sealed metal containers for disposal. Prevent the spillage from entering the sewerage system or waterways. Do not puncture or incinerate aerosol cans, even when empty.

7. HANDLING AND STORAGE

Handling and Storage Pressurised dispenser. Highly flammable. Do not pierce or burn, even when empty. Do not spray on or near a naked flame, any incandescent material or hot surface. Keep away from all sources of heat or ignition, including sparks and naked flames - no smoking. Use only in a well ventilated area. Protect from sunlight and do not expose to temperatures above 50°C. Store in acccordance with local regulations in a cool, well ventilated place away from sources of heat or ignition. Keep out of the reach of children and away from strong oxidising materials. Store in accordance with local regulations as this product is defined under ACTDG to be dangerous goods.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

National Exposure	Name	mg/m3 (STEL)	ppm (STEL)	mg/m3 (TWA)	ppm (TWA)	TWA Footnote

Standards

Acetone	2375	1000	1185	500
Xylene	655	150	350	80
Toluene	565	150	377	100

Engineering Controls Ensure that the ventilation is adequate to maintain air concentrations below the exposure standards. If necessary, provide local exhaust ventilation. Ventilation equipment must be explosion proof. Isolate from all sources of heat or ignition, including sparks and naked flames.

Personal Protective Equipment Avoid contact with the skin and eyes and avoid breathing the vapour or spray mists. If prolonged or repeated skin contact is likely, oil impervious gloves should be worn. Wear safety glasses if spray mists are produced during use. Wear an organic vapour resistant respirator meeting the requirements of AS 1716 if vapour or spray mist concentrations exceed the exposure standards. Always wash skin and clothing after using this product.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form Gas

Appearance Coloured paint, solvent odour (in aerosol form).

Boiling Point -42°C minimum

Solubility in Water Immiscible

Specific Gravity 0.76 approximately

Flash Point -150°C (propellant)

Flammability Highly flammable.

Flammable Limits - Lower Not known

Flammable Limits - Upper Not known

10. STABILITY AND REACTIVITY

Chemical Stability Considered stable to heat and light. Store below 30°C.

Conditions to Avoid Sources of heat or ignition, including sparks and naked flames. Static electricity discharges. An explosive air-vapour mix may form - ensure adequate ventilation. Vapours are heavier than air.

Incompatible Materials Strong oxidising agents.

Hazardous Decomposition Products During combustion, this product may produce carbon monoxide and other unidentifiable organic compounds.

Hazardous Polymerization Will not occur.

11. TOXICOLOGICAL INFORMATION

Inhalation	Intentional misuse by deliberately concentrating and inhaling the contents of aerosols can be harmful or fatal. This product contains a hydrocarbon propellant which includes propane and butane. Propane is regarded by NOHSC as an asphyxiant (Refer NOHSC:3008(1991). May be harmful at high exposure levels. May irritate the nose and respiratory tract. Prolonged irritation may cause headaches and nausea.
Ingestion	Harmful. Upon aspiration into the lungs, chemical pneumonitis may develop.
Skin	Mildly irritating to the skin. Signs of irritation include redness, itchiness and eventually cracking of the skin. Irritation usually only occurs after prolonged, repeated skin contact and is due to the de-fatting effect on the skin of the solvents. May lead to the onset of dermatitis.
Eye	Irritating to the eyes. Signs of irritation include redness, soreness and tear production.
Chronic Effects	Skin irritation may occur after prolonged, repeated skin contact and is due to the de-fatting effect on the skin of the solvents. May lead to the onset of dermatitis.
Reproductive Toxicity	None of the components of this product is considered to be toxic to the unborn foetus.
Mutagenicity	None of the components of this product is considered to be a mutagen.
Carcinogenicity	None of the components of this product is considered to be a carcinogen.

12. ECOLOGICAL INFORMATION

Ecological Information	Avoid release of contents into the environment. This product does not contain CFCs.
Short Summary of Assessment of Environmental Impact	The propellant will vapourise rapidly when released into the atmosphere. The propellant will photochemically decompose under atmospheric conditions.

13. DISPOSAL CONSIDERATIONS

Waste Disposal	Dispose of large amounts in a suitable chemical dump (check the local statutory requirements). Do not empty aerosol cans into drains or release into the environment.
Container Disposal	Empty aerosol cans are recyclable. Dispose of empty aerosol cans by leaving at an appropriate metal recycling collection point.

14. TRANSPORT INFORMATION

Transport Information	This product is classified as UN 1950, Aerosols. Dangerous Goods Class 2.1, Packaging Group II. Transport according to the ACTDG.
U.N. Number	1950
Proper Shipping Name	AEROSOLS
	2.1

DG Class	
EPG Number	2D1
IERG Number	49
IMO Marine Pollutant	None of the components of this product is classified as a Marine Pollutant.

15. REGULATORY INFORMATION

Poisons Schedule	Not Scheduled
Hazard Category	Harmful,Irritant,Highly Flammable
AICS (Australia)	To the manufacturer's best knowledge, all of the components of this product are listed on AICS.

16. OTHER INFORMATION

Contact Person/Point	Technical Manager (07) 3390-5044

...End Of MSDS...