Material Safety Data Sheet

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Product Name: **BITUMEN COATING**

Classified as hazardous

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name	BITUMEN COATING
Product Code	AUBC20, AUBC200
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	Sprayable noise suppressant, anti-corrosive vehicle underbody coating.
Other Information	The information herein is, to the best of our knowledge, correct and complete. It describes the safety requirements for this product and should not be construed as guaranteeing specific properties. Since methods and conditions of application are beyond our control, Septone does not accept liability for any damages resulting from the use of, or reliance on, this information, in inappropriate contexts.

2. HAZARDS IDENTIFICATION

Hazard Classification	Classified as hazardous 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.
Safety Phrase(s)	S16 Keep away from sources of ignition - No smoking. S2 Keep out of reach of children. S23(2) Do not breathe vapour. S24 Avoid contact with skin. S29 Do not empty into drains. S33 Take precautionary measures against static discharges. S36/37 Wear suitable protective clothing and gloves. S45 In case of accident or if you feel unwell seek medical advice immediately S53 Avoid exposure - obtain special instructions before use. S61 Avoid release to the environment. Refer to special instructions/safety data sheet.

S62 If swallowed, do not induce vomiting; seek medical advice immediately and show this container or label.
S7 Keep container tightly closed.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Characterization Liquid

Ingredients

Name	CAS	Proportion	Hazard	R Phrase
Light Aliphatic Petroleum Solvent	64742-89-8	30-<60 %	T	R65, R48, R45 (1), R46(1)
Bitumen	64742-93-4	30-60 %		
Toluene	108-88-3	10-30 %	Xn, F	R11, R20
Ingredients determined not to be hazardous	-	Balance		

4. FIRST AID MEASURES

Inhalation Remove the victim from the source of exposure. If the victim is not breathing, apply artificial respiration. For all but the most minor symptoms, seek medical advice.

Ingestion Do NOT induce vomiting. Give water to drink. Seek medical attention. Lean victim forward to reduce the risk of aspiration.

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

Eye If contact with the eye(s) occur, wash with copious amounts of water for approximately 15 minutes holding eyelids(s) open. Take care not to rinse contaminated water into the non-effected eye. If irritation develops 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 Treat symptomatically. CNS depression, characterised by headache and nausea.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media Use dry chemical powder, carbon dioxide or foam. Do not allow the extinguishing residues to enter the aquatic environment.

Hazards from Combustion Products Combustion is likely to give rise to a complix mixture of airborne solid and liquid particulates and gases, including carbon monoxide, oxides of sulphur and unidentified organic and inorganic compounds.

Special Protective Equipment for fire fighters Fire-fighters should wear full protective clothing and self-contained breathing apparatus (SCBA).

Specific Hazards Keep intact containers cool with water spray as violent rupture may occur during a fire, with a subsequent increase in the fire load.

Hazchem Code 3[Y]E

Unsuitable Extinguishing Media

Do not use water in a jet.

6. ACCIDENTAL RELEASE MEASURES

Spills & Disposal

Personnel involved in cleaning up any spills are to wear the appropriate protective equipment (refer to Personal 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.
Dispose of large amounts of recovered spillages in a suitable chemical dump (check the local statutory requirements).

7. HANDLING AND STORAGE

Precautions for Safe Handling

Use in a well ventilated area. Ensure the appropriate personal protective equipment is used when handling this material. Use safe workplace practices and avoid contaminating waterways. Ensure a high level of personal hygiene is maintained when using this product. That is; always wash hands before eating, drinking, smoking or using toilet facilities. Mix product well before use.

Conditions for Safe Storage

Store in accordance with AS1940 in dangerous goods approved, sealed metal containers in a clean, dry, cool, well ventilated area away from foodstuffs. Avoid direct sunlight. Store away from sources of heat or ignition and store away from oxidising agents. Keep container sealed when not in use.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

National Exposure Standards

Name	mg/m3 (STEL)	ppm (STEL)	mg/m3 (TWA)	ppm (TWA)	TWA Footnote
Light Aliphatic Petroleum Solvent	-	-	-	-	
Toluene	574	150	191	50	
Ingredients determined not to be hazardous	-	-	-	-	

Other Exposure Information

Due to the form in which the product is supplied and under normal conditions of storage and use, the exposure standards for bitumen will not be reached.

Engineering Controls

Ensure that the ventilation is adequate to maintain air concentrations below the relevant exposure standards quoted. If necessary, provide local exhaust ventilation to produce a face velocity of >20 m/minute. 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 skin contact is likely, PVC or Nitrile gloves should be worn. The wearing of safety glasses is recommended. Wear an organic vapour resistant respirator to AS 1716 if vapour concentrations exceed the exposure standards.

Always wash skin and clothing after using this product.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form	Liquid
Appearance	Black mobile paint, solvent odour.
Solubility in Water	Immiscible
Specific Gravity	@ 25°C: 0.95
Flash Point	-30°C
Flammability	Flammable. Isolate from all sources of heat or ignition, including sparks and naked flames. Do not smoke whilst using this product. Take precautions against static electricity discharges. Earth and bond all equipment. An explosive air-vapour mix may form - ensure adequate ventilation. Vapours are heavier than air. Keep away from strongly oxidising materials.
Flammable Limits - Lower	1% v/v
Flammable Limits - Upper	7.5% v/v

10. STABILITY AND REACTIVITY

Chemical Stability	Considered stable to heat and light.
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	A complex mixture of airborne solids including soot, and gases including carbon monoxide, carbon dioxide and other organic compounds will be evolved when this material undergoes combustion or thermal or oxidative degradation.
Hazardous Polymerization	Will not occur.

11. TOXICOLOGICAL INFORMATION

Inhalation	May be harmful at high exposure levels. May irritate the nose and respiratory tract. Prolonged exposure to vapours may cause somnolence and narcosis.
Ingestion	Harmful if swallowed. 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.
Eye	Mildly 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

Information on Ecological Effects	The volatile components of this product are readily biodegradable under aerobic conditions. They will partition largely to the atmosphere but some will partition to soil and sediment where lowered bioavailability would reduce uptake by organisms. Research also indicates that the volatile components have a moderate potential for bioaccumulation: however bioconcentration would be expected to be low. They are expected to exhibit a moderate toxicity to aquatic organisms. The non-volatile components of this product are not considered to be biodegradable and will persist for years in the environment. However, they are not considered to be toxic to the environment and will not bioaccumulate.

13. DISPOSAL CONSIDERATIONS

Waste Disposal	Dispose of paint residues according to local statutory regulations. Do not empty into drains.
Product Disposal	Dispose of large amounts in a suitable chemical dump (check the local statutory requirements).
Container Disposal	Dispose of paint containers according to local statutory regulations.

14. TRANSPORT INFORMATION

Transport Information	This product is classified as UN 1263, Paint. Dangerous Goods Class 3, Packaging Group III. Transport according to the ACTDG.
U.N. Number	1263
Proper Shipping Name	PAINT RELATED MATERIAL
DG Class	3
Hazchem Code	3[Y]E
Packaging Method	3.8.3RT1
Packing Group	II
EPG Number	3C1
IERG Number	14
IMO Marine Pollutant	None of the components of this product is considered by IMO to be a marine pollutant.

15. REGULATORY INFORMATION

Poisons Schedule	S5
Hazard Category	Highly Flammable
AICS (Australia)	To the manufacturer's best knowledge all components of this product are listed on AICS.

16. OTHER INFORMATION

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

...End Of MSDS...