

Material Safety Data Sheet

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CS: 1.9.605

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Infosafe No™ 5APHA Issue Date : October 2015 Status : ISSUED

Product Name **SEPTONE AEROSOL RUST SHIELD**

Classified as hazardous according to criteria of NOHSC.

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name SEPTONE AEROSOL RUST SHIELD
Product Code AARS400
Company Name ITW AAMTech (ABN 63 004 235 063)
Address 1-9 NINA LINK DANDENONG SOUTH
VIC 3175 AUSTRALIA
Emergency Tel. 1800 638 556
Telephone/Fax Number Tel: 1800 177 989
Fax: +61 2 9725 4698
Email info@aamtech.com.au
Recommended Use Rust preventative coating, aerosol form.
Other Information Website: www.aamtech.com.au
*
Email: info@aamtech.com.au
*
New Zealand
2/38 Trugood Drive, East Tamaki, Auckland
Tel: 0800 438 996

2. HAZARDS IDENTIFICATION

Hazard Classification Classified as hazardous according to criteria of NOHSC.
HAZARDOUS SUBSTANCE.
DANGEROUS GOODS.

Risk Phrase(s) Classified as Hazardous according to criteria of National Occupational Health & Safety Commission, Australia (NOHSC).
Classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)
Classified as hazardous according to criteria of NOHSC.
R12 Extremely Flammable.
R48/20 Harmful: danger of serious damage to health by prolonged exposure through inhalation.
R63 Possible risk of harm to the unborn child.
R67 Vapours may cause drowsiness and dizziness

Safety Phrase(s) S16 Keep away from sources of ignition - No smoking.
S2 Keep out of reach of children.
S23 Do not breathe gas/fumes/vapour/spray
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.
S62 If swallowed, do not induce vomiting; seek medical advice immediately and show this container or label.
S7/8 Keep container tightly closed and dry.

Sensitization of Product None of the components of this product is considered to be a skin or respiratory sensitiser.

Other Information GHS Classification
Danger
Flammable Aerosol Cat 1
Toxic to Reproduction Cat 2
Specific Target Organ Toxicity RE Cat 2
Specific Target Organ Toxicity SE Cat 3
*
Hazard Codes
H222 Extremely flammable aerosol
H361d Suspected of damaging the unborn child
H373 May cause damage to organs through repeated exposure (inhalation)
H336 May cause drowsiness or dizziness
*
HSNO Classification
Flammable aerosol 2.1.2A

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Specific target organ toxicity RE 6.9A
Suspected developmental toxicant 6.8B
Group Standard Aerosol Flammable HSR002515

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
	Hydrocarbon propellant	N/A	30-60 %
	Asphalts (petroleum)	8052-42-4	10-30 %
	Stoddard solvent	8052-41-3	10-30 %
	Toluene	108-88-3	10-30 %
	Light aromatic naphtha	64742-95-6	0-10 %
	Solvent Naphtha (petroleum), medium aliphatic	64742-88-7	0-10 %
	Ethyl alcocol	64-17-5	0-1 %
	other ingredients determined not to be hazardous	-	BALANCE

4. FIRST AID MEASURES

Inhalation	Do not breathe vapour/mist. Remove victim to fresh air to prevent further exposure. Seek medical attention. Apply resuscitation if victim is not breathing and use respiratory protection. If victim has ingested or inhaled the substance, prevent from using mouth to mouth resuscitation technique. Mechanical device and supplemental oxygen should be used instead.
Ingestion	Due to high volatility of product, this is not likely to occur. If sprayed in mouth, rinse mouth with plenty of water. However, if product is swallowed, do NOT induce vomiting. Seek medical attention.
Skin	Remove contaminated clothing and launder before re-use. Wash affected skin thoroughly with soap and water.
Eye	If contact with eyes, flush out immediately with water for 15 minutes. If symptoms persist, seek medical attention
First Aid Facilities	A safety shower and an eye irrigation facility should be provided. This 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. Use good occupational work practice.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media	Firefighters should fight large fires with foam. For smaller fires, suitable extinguishers are dry chemical, carbon dioxide or foam.
Special Protective Equipment for fire fighters	Wear SCBA and protective gloves. If large amounts are involved, wear SCBA and chemical splash suit. Use spark-proof tools and explosion-proof equipment.
Specific Hazards	Heat or damage to containers can release flammable/poisonous gases. Extremely flammable. Pressurised dispenser. Closed containers may rupture when exposed to heat greater than 50 °C / 122 °F. Ruptured containers may rocket. Released

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Other Information

gases can form invisible, odourless explosive mixtures with air. Hazardous concentrations can accumulate in a confined space. Released gases can travel to source of ignition causing flashback. Fire can produce irritating, poisonous and corrosive gases. Vapour is heavier than air.
Extremely flammable. Do not spray on a naked flame or any incandescent material. Keep away from sources of ignition - no smoking.

6. ACCIDENTAL RELEASE MEASURES

Emergency Procedures

Leak/Spill area should be isolated immediately for at least 8 m in all directions. Eliminate all sources of ignition within at least 15 m. Keep unauthorised personnel away. Keep upwind and to higher ground. Personnel involved in cleaning up any spills are to wear the appropriate protective equipment (refer to Personal Protection above). Remove all sources of heat or ignition. Cordon off the spillage area. Isolate the source of the spillage or leak.

Methods and Materials for Containment and Clean Up Procedures

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. If water is available, spray leaking containers to reduce ignition hazard and disperse gas. Isolate area until gas has dispersed. Ventilate area. Do not puncture or incinerate aerosol cans, even when empty. All equipment used when handling the product must be earthed. Avoid static discharge - avoid synthetic clothing. Dispose of large amounts in a suitable chemical dump (check the local statutory requirement).

7. HANDLING AND STORAGE

Handling and Storage

Pressurised dispenser. Highly flammable. Do not pierce or burn, even after use. 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 50C. Store in accordance 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. Wear appropriate protective equipment whilst handling this product.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

National Exposure Standards	Name	STEL		TWA		Footnote
		mg/m3	ppm	mg/m3	ppm	
	Toluene	565	150	377	100	
Other Exposure Information	Stoddart Solvent	790 mg/m3 (TWA)				
Engineering Controls	Aromatic Hydrocarbon	350 mg/m3 (TWA) - supplier's recommendation				
Personal Protective Equipment	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.					
	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 complying with AS1715 and 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	Black paint, solvent odour (in aerosol form).
Boiling Point	-25°C minimum
Solubility in Water	Immiscible

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Specific Gravity	0.90 approximately (product excluding propellants)
Volatile Component	68%w/w
Flash Point	-104C (propellant)
Flammability	Highly flammable. Isolate from all sources of heat or ignition, including sparks and naked flames. Do not spray near flames or sparks or onto hot surfaces. Do not smoke whilst using this product. Use only in a well ventilated area. Vapours are heavier than air. Keep away from strong oxidising materials.
Auto-Ignition Temperature	494C to 600C (propellant)
Flammable Limits - Lower	1.5%v/v (propellant)
Flammable Limits - Upper	9.6% v/v (propellant)

10. STABILITY AND REACTIVITY

Chemical Stability	Stable under normal ambient conditions of storage and use. Avoid heat sources. Store below 50°C. Aerosol cans may explode when subject to extremes of heat or pressure and may become projectiles.
Conditions to Avoid	Heat, flames and sparks. Avoid static charge and discharge with high concentrations and in confined space. An explosive air-vapour mix may form - ensure adequate ventilation. Vapours are heavier than air.
Incompatible Materials	Can react violently with oxidising agents - chlorine, pool chlorine or nitric acid.
Hazardous Decomposition Products	Products may include oxides of carbon and nitrogen.
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(1995)). May be harmful at high exposure levels. May irritate the nose and respiratory tract. Prolonged irritation may cause headaches and nausea.
Ingestion	Practically non-toxic. 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	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.

12. ECOLOGICAL INFORMATION

Short Summary of Assessment of Environmental Impact	Avoid release of contents into the environment. The propellant will vapourise rapidly when released into the atmosphere. The propellant will photochemically decompose under atmospheric conditions.
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13. DISPOSAL CONSIDERATIONS

Disposal Considerations	Empty aerosol cans are recyclable. Empty containers might contain residue and still be highly flammable. Dispose of empty aerosol cans by leaving at an appropriate metal recycling collection point. Do not pierce or burn, even when empty. Do not empty aerosol cans into drains or release into the environment.
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14. TRANSPORT INFORMATION

U.N. Number 1950
Proper Shipping Name AEROSOLS
DG Class 2.1
Packaging Method
Packing Group
EPG Number 2D1
IERG Number 49
IMDG UN No 1950
IMDG Description AEROSOLS
IMDG Hazard Class 2.1
IMDG EMS F-D, S-U
IMDG Marine Pollutant (MP) No

15. REGULATORY INFORMATION

Regulatory Information Classified as hazardous according to criteria of NOHSC.
HAZARDOUS SUBSTANCE.
NOT SCHEDULED POISON.

Classified as Hazardous according to criteria of National Occupational Health & Safety Commission, Australia (NOHSC).
Not classified as a Scheduled Poison according to the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP).
Not Scheduled

Poisons Schedule

HSNO Approval Number Aerosols (Flammable) Group Standard 2006, HSR002515.

Hazard Category Harmful, Extremely Flammable

AICS (Australia) All ingredients listed

16. OTHER INFORMATION

Date of preparation or last revision of MSDS Replaces MSDS dated Oct 2010

Contact Person/Point Australia:
24 HOUR EMERGENCY CONTACT (Chemical Safety International): 1 800 638 556
Poisons Information Centre (Australia): 13 11 26
New Zealand:
24 HOUR EMERGENCY CONTACT (Chemical Safety International): 0800 154 666
NZ National Poisons Centre (24 Hour): 0800 764 766

DISCLAIMER:
This Material Safety Data Sheet summarises at the date of issue to the best of our knowledge, the health and safety hazards of the product and how to safely handle and use the product.
As ITW AAMTech cannot anticipate or control the conditions under which the product is used, customers are encouraged, prior to usage, to assess and control the risks associated with their use of the product.
Data sheets from unauthorised sources may contain information that is no longer current or accurate.
This MSDS is valid for 5 years from date of issue. However, this version may be revoked and revised at any time, and users should contact ITW AAMTech to ensure they are in possession of the latest version.

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**Signature of
Preparer/Data
Service**

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...End Of MSDS...

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