

Material Safety Data Sheet

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Product Name: **Arbee Crystal Clear , 400 g Aerosol**
Classified as Hazardous

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

Product Name Arbee Crystal Clear , 400 Grm AEROSOL
Product Code n/a
Product Use : Fast Drying Clear coating .
Company Name Aerosolve (J & CE Musgrove Pty Ltd) (ABN 068 440 200)
Address 2 Clare Street BAYSWATER VIC 3153
Telephone Tel: 03 9729 1488
Number/Fax 03 9720 7015
Web www.aerosolve.com.au

2. COMPOSITION/INFORMATION ON INGREDIENTS

Information on Product contains Hydrocarbon solvent , additives and hydrocarbons as propellant

Composition		
Ingredients Name	CAS	Proportion
Acetone	67-64-1	30 – 60 %
Hydrocarbon solvent	1330-20-7	< 10 %
Ingredients not Determined to be hazardous.	Not Required	Balance

3. HAZARDS IDENTIFICATION

Not Classified as hazardous according to the criteria of NOHSC.
Classified as a Dangerous Good According to the ADG Code.
Risk Phrases: R36 Irritating to eyes.
Safety Phrases: S23 Do not breathe gas/fumes/vapour/spray S24/25 Avoid contact with skin and eyes. S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

4. FIRST AID MEASURES

Inhalation Remove affected person from contaminated area and if irritation persists, seek medical advice. If not breathing apply artificial respiration and seek urgent medical advice.
Ingestion Do NOT induce vomiting. Wash out mouth with water. Seek medical attention.
Skin Remove contaminated clothing and wash skin thoroughly with soap and water. Ensure contaminated clothing is washed before re-use or discard. If irritation develops, seek medical attention.
Eye Flood eyes with plenty of water, holding eyelid(s) open. If irritation develops and persists, seek medical attention.
First Aid Facilities Eye wash station, safety showers and normal washroom facilities.
Advice to Doctor Treat symptomatically.
Other Information For advice may contact the Poisons Information Centre (Australia phone 131 126) or a doctor at once.

5. FIRE FIGHTING MEASURES Extinguishing Media

Use foam, carbon dioxide or dry chemical to extinguish fire. Use water spray to keep cool aerosol container.
Specific Hazards Combustible Liquid. Container may explode when heated. Keep away from naked flames, sparks and other sources of ignition.
Hazardous Combustion products include oxides of carbon.
Combustion Products
Precautions in Fire fighters should wear full protective clothing and self contained connection with Fire breathing apparatus.

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6. ACCIDENTAL RELEASE MEASURES

For liquid spill: Wear appropriate personal protective equipment and clothing to minimise exposure. Extinguish or remove all sources of ignition and stop leak if safe to do so. Increase ventilation. Evacuate all unnecessary personnel. If possible contain the spill. Place inert absorbent, non-combustible material onto spillage. Use clean non-sparking tools to collect the material and place into a suitable labelled container for subsequent disposal. Prevent contamination of ground water or surface water. Dispose of waste according to the Environmental Protection Authority (EPA), federal, state and local regulations. If large quantities of this material enter the waterways contact the EPA, or your local Waste Management Authority.

7. HANDLING AND STORAGE

Handling Use in a well ventilated area. DO NOT store or use in confined spaces. Build up of mists and vapours in the atmosphere must be prevented. Prevent concentration in hollows and sumps. Product contains an asphyxiant therefore do not enter these areas until atmosphere has been checked. Avoid breathing in spray or mists or vapours. Do not use near welding or other ignition sources and avoid sparks. Do not puncture cans. Do not incinerate empty cans. Do not smoke. When dealing with large quantities, repeated or prolonged skin exposure without protection should be prevented in order to lessen the possibility of skin disorders. It is essential that all who come into contact with this material maintain high standards of personal hygiene ie. washing hands prior to eating, drinking, smoking or using toilet facilities.

Storage Store in a cool, dry, well-ventilated area away from heat, sources of ignition, oxidising agents, foodstuffs, and clothing and out of direct sunlight. Protect containers against physical damage. Inspect regularly for deficiencies such as damage or leaks. Have appropriate fire extinguishers available in and near the storage area. Do NOT pressurise, cut or heat aerosol containers. Content is under pressure and can explode violently. For information on the design of the storeroom, reference should be made to Australian Standard AS1940 - The storage and handling of flammable and combustible liquids. Reference should also be made to all Local, State and Federal regulations.

8. EXPOSURE CONTROLS, PERSONAL PROTECTION

Exposure Limits No value assigned for this specific material by the Australian National Occupational Health and Safety Commission (NOHSC). As with all chemicals, exposure should be kept to lowest possible levels.

Other Exposure This product contains an asphyxiant and the minimum oxygen content in air **Information** should be 18% by volume under normal atmospheric pressure.

Respiratory If engineering controls are not effective in controlling airborne exposure **Protection** then respiratory protective equipment should be used suitable for protecting against airborne contaminants. Final choice of appropriate breathing protection is dependant upon actual airborne concentrations and the type of breathing protection required will vary according to individual circumstances. Expert advice may be required to make this decision. Reference should be made to Australian Standards AS/NZS 1715, Selection, Use and Maintenance of Respiratory Protective Devices; and AS/NZS 1716, Respiratory Protective Devices.

Eye Protection Safety glasses with side shields or full-face shield as appropriate recommended. Final choice of appropriate eye/face protection will vary according to individual circumstances ie. methods of handling or engineering controls and according to risk assessments undertaken. Eye protection should conform to Australian/New Zealand Standard AS/NZS 1337- Eye Protectors for Industrial Applications.

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Hand Protection Impervious gloves recommended. Final choice of appropriate gloves will vary according to individual circumstances ie. methods of handling or according to risk assessments undertaken. Reference should be made to AS/NZS 2161

Occupational protective gloves- Selection, use and maintenance.

Body Protection Wear appropriate clothing including chemical resistant apron where clothing is likely to be contaminated. It is advisable that a local supplier of personal protective clothing is consulted regarding the choice of material.

Eng. **Controls** Provide sufficient ventilation to keep airborne levels as low as possible.

Where vapours or mists are generated, particularly in enclosed areas, and natural ventilation is inadequate, a local exhaust ventilation system is required. Refer to AS 1940 - The storage and handling of flammable and combustible liquids and AS 2430 - Explosive gas atmospheres for further information concerning ventilation requirements.

Other Information No biological limit allocated.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance clear spray liquid.

Melting Point Not Available

Boiling Point Not Available

Solubility in Water Insoluble

Specific Gravity 0.85

(H₂O=1)

Vapour Pressure 55 psi (approximately)

Vapour Density Not Available

(Air=1)

Volatile Component 90% (Approximately)

Flash Point -300C

Flammability Flammable.

Ignition Temperature Not Available

Flammable Limits 1. 2%

LEL

Flammable Limits 7.5%

UEL

10. STABILITY AND REACTIVITY

Stability Stable under normal conditions of storage and handling.

Materials to Avoid Strong oxidising agents.

Hazardous Oxides of carbon.

Decomposition

Products

Hazardous Reaction Hazardous reaction with strong oxidising agents.

Conditions to Avoid Extremes of temperature.

11. TOXICOLOGICAL INFORMATION

Toxicology Product contains less than 0.1% butadiene.

Information

Inhalation vapours or mists generated in confined and/or poorly ventilated areas, may cause respiratory system irritation, headache, nausea and dizziness.

Deliberate misuse of aerosol sprays can have an adverse affect the CNS, resulting in confusion, lack of coordination, can cause hallucinations, perceptual distortions and euphoria. Solvent misuse can cause death.

Ingestion Not a likely source of exposure. Ingestion of liquid may cause irritation of the gastrointestinal system. Symptoms may include nausea, vomiting and diarrhoea.

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Skin May cause irritation to skin. Symptoms may include redness and itchiness.
Repeated or prolonged skin contact may lead to dermatitis.
May be Irritating to eyes. Eye contact and high concentration of solvent vapour may cause symptoms including redness, excessive tearing, stinging and swelling.
Chronic Effects Prolonged and/or repeated skin contact with this product will cause irritation and could lead to drying and defatting, possibly leading to dermatitis.

12. ECOLOGICAL INFORMATION

Environ. Protection Do not allow product to enter drains, waterways or sewers.

Mobility Data not available for this specific product.

Persistence 1 Data not available for this specific product.

Degradability

Bioaccumulation Data not available for this specific product.

Ecotoxicity Data not available for this specific product.

13. DISPOSAL CONSIDERATIONS

Dispose of waste according to Environmental Protection Authority, federal, state and local regulations.

14. TRANSPORT INFORMATION

This material is classified as a Class 2.1 Dangerous Good according to the Australian Code for the Transport of Dangerous Goods. Class 2.1 Flammable Gases shall not be loaded or packed in the same vehicle or freight as:

- Class 1, Explosives
- Class 3, Flammable Liquids (If both the Class 2.1 and Class 3 dangerous goods are in bulk),
- Class 4.1, Flammable Solids
- Class 4.2, Spontaneously Combustible Substances
- Class 4.3, Dangerous When Wet Substances
- Class 5.1, Oxidising Agents
- Class 5.2, Organic Peroxides
- Class 7, Radioactive Substances.

UN Number 1950

Proper Shipping AEROSOLS

Name

DG Class 2.1

Packaging Method 5.9.2

EPG Number 2D1

IERG Number 49

15. REGULATORY INFORMATION

Risk Phrase

Safety Phrase **Safety Phrase** S23 Do not breathe gas/fumes/vapour/spray
S24/25 Avoid contact with skin and eyes.

Poisons Schedule. n/a

Hazard Category

Do not breathe gas/fumes/vapour/spray

Poisons Schedule n/a.

16. OTHER INFORMATION

Contact Person/Point Mr. Jon Musgrove

General Manager

Telephone: (03) 9729 1488

Fax: (03) 9720 7015

SDS History MSDS Review: January 2008.

... End Of MSDS ...