

Material Safety Data Sheet

FIDDLY BITS AEROSOLS (VARIOUS COLOURS)

Infosafe No.: PPA0E
ISSUED Date : 24/05/2012
ISSUED by: PPG ARCHITECTURAL COATINGS

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name

FIDDLY BITS AEROSOLS (VARIOUS COLOURS)

Company Name

PPG ARCHITECTURAL COATINGS

Address

9 Birmingham Avenue Villawood
NSW 2163 Australia

Emergency Tel.

1 800 807 001 (Australia); 0800 154 666 (New Zealand)

Telephone/Fax Number

Tel: 131 686 / +61 2 9794 1200

Fax: (02) 9725 7804 / 61 2 9794 1237

Recommended Use

Decorative coating - aerosol spray.

Disclaimer

Note: Users should verify currency of this data sheet if more than 5 years old.

The information contained in this material safety data sheet is believed to be accurate on the date of issue and in accordance with the information available to us. Persons dealing with products referred to in the material safety data sheet do so at their own risk. We accept no liability whatsoever for damage or injury however caused arising from use of this information or of suggestions contained herein.

2. HAZARD IDENTIFICATION

Hazard Classification

HAZARDOUS SUBSTANCE.
DANGEROUS GOODS.

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)

Risk Phrase(s)

R12 Extremely Flammable.

R36 Irritating to eyes.

R66 Repeated exposure may cause skin dryness and cracking.

R67 Vapours may cause drowsiness and dizziness

R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Safety Phrase(s)

S2 Keep out of reach of children.

S16 Keep away from sources of ignition - No smoking.

S23 Do not breathe gas/fumes/vapour/spray

S25 Avoid contact with eyes.

S33 Take precautionary measures against static discharges.

S51 Use only in well ventilated areas.

S61 Avoid release to the environment. Refer to special instructions/safety data sheet.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients

Name	CAS	Proportion
Dimethyl Ether [Propellant]	115-10-6	30-60 %
Acetone	67-64-1	25-35 %
1,3,5-Trimethylbenzene	108-67-8	10-15 %
Butyl acetate	123-86-4	5-15 %
Ingredients determined not to be hazardous.		Balance

4. FIRST-AID MEASURES

Inhalation

If inhaled, remove affected person from contaminated area. Keep at rest until recovered. If symptoms persist seek medical attention.

Ingestion

Unlikely to occur due to the physical state of the product. However, if ingested, rinse mouth with water. Do NOT induce vomiting. Seek medical attention.

Skin

Wash affected area thoroughly with soap and water. If symptoms develop seek medical attention.

Eye

If in eyes, hold eyelids apart and flush the eyes continuously with running water. Continue flushing for several minutes until all contaminants are washed out completely. Seek medical attention.

First Aid Facilities

Eye wash and normal washroom facilities.

Advice to Doctor

Treat symptomatically.

Other Information

For advice in an emergency, contact a Poisons Information Centre (Phone Australia 13 1126) or a doctor at once.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Use carbon dioxide, dry chemical, foam, water fog or water mist.

Hazards from Combustion Products

Under fire conditions this product may emit toxic and/or irritating fumes including carbon monoxide and carbon dioxide and unidentified organic compounds.

Specific Hazards

This product is extremely flammable. Vapours are heavier than air and will 'travel' to low-level areas e.g. sumps, drains, etc. Aerosol containers may explode and may become a projectile in a fire. Keep storage tanks, pipelines, fire-exposed surfaces etc cool with water spray. Shut off any leak if safe to do so and remove sources of re-ignition. Vapour/air mixtures may ignite explosively. Flashback along the vapour trail may occur. Runoff to sewer may create fire or explosion hazard.

Hazchem Code

2YE

Precautions in connection with Fire

Fire fighters should wear full protective clothing and self-contained breathing apparatus (SCBA) operated in positive pressure mode. In case of fire the product may be violently or explosively reactive. Use water spray to disperse vapours. This product should be prevented from entering drains and watercourses.

Unsuitable Extinguishing Media

Do not use water jet.

6. ACCIDENTAL RELEASE MEASURES

Emergency Procedures

Extinguish or remove all sources of ignition and stop leak if safe to do so. Wear appropriate personal protective equipment and clothing to prevent exposure. Evacuate all unprotected personnel. Water spray or fog may be used to disperse/absorb vapour if any. If safe, damaged cans should be placed in a container outdoors, away from ignition sources, until pressure has dissipated. Undamaged cans should be gathered and stowed safely. Place inert, non-combustible absorbent material onto liquid spillage. Collect residues and seal in labelled drums for disposal. If contamination of sewers or waterways occurs inform the local water authorities and waste management authorities in accordance with local regulations. Dispose of waste according to applicable local and national regulations.

7. HANDLING AND STORAGE

Precautions for Safe Handling

Wear appropriate protective clothing and equipment to prevent inhalation, skin and eye exposure. Ensure nozzle is always pointed away from user. Keep out of reach of children. Handle and use the material in a well-ventilated area, away from sparks, flames and other ignition sources. DO NOT store or use in confined spaces. Have emergency equipment (for fires, spills, leaks, etc.) readily available. Build up of mists or vapours in the atmosphere must be prevented. Do NOT cut or heat containers as they may contain hazardous residues. Do not smoke. Flameproof equipment is necessary in areas where the product is being used. Take precautionary measures against static discharges. Do not empty into drains. Vapour is heavier than air and will tend to accumulate in hollows or sumps. DO NOT enter confined spaces where vapours may have collected. Ensure a high level of personal hygiene is maintained when using this product, that is, always wash hands before eating, drinking, smoking or using the toilet facilities.

Conditions for Safe Storage

Store in a cool, dry, well ventilated area away from sources of ignition, oxidising agents, foodstuffs, clothing and out of direct sunlight. Keep out of reach of children. Protect container 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. For information on the design of the storeroom, reference should be made to Australian Standard AS 2278-2000 Non-refillable metal aerosol dispensers of capacity 50 mL to 1000 mL inclusive. Reference should also be made to all Local, State and Federal regulations.

Storage Temperatures

Aerosol can may explode when heated above 50°C.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

National Exposure Standards

No exposure value assigned for this specific material by Safe Work, Australia. However, the available exposure limits for ingredients are listed below:

Safe Work, Australia Exposure Standards:

Substance	TWA		STEL		NOTICES
	ppm	mg/m ³	ppm	mg/m ³	
Acetone	500	1185	1000	2375	-
Dimethyl ether	400	760	500	950	-
Butyl acetate	400	760	500	950	-

TWA (Time Weighted Average): The average airborne concentration of a particular substance when calculated over a normal eight-hour working day, for a five-day week.

STEL (Short Term Exposure Limit): The average airborne concentration over a 15 minute period which should not be exceeded at any time during a normal eight-hour workday.

Biological Limit Values

Biological Exposure Indices BEI from American Conference of Industrial Hygienists (ACGIH) for ingredients are as follows:

Determinant	Sampling Time	Biological Exposure Indices (BEI)
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ACETONE (67-64-1)

Acetone in urine	End of shift shift of work week	50 mg/L
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Engineering Controls

Provide sufficient ventilation to keep airborne levels below the exposure limits. Where vapours or mists are generated, particularly in enclosed areas, and natural ventilation is inadequate, a local exhaust ventilation system is required.

Respiratory Protection

If engineering controls are not effective in controlling airborne exposure then an approved respirator with a replaceable vapour/mist filter should be used. Reference should be made to Australian/New Zealand Standards AS/NZS 1715, Selection, Use and Maintenance of Respiratory Protective Devices; and AS/NZS 1716, Respiratory Protective Devices, in order to make any necessary changes for individual circumstances.

Eye Protection

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

Hand Protection

Wear gloves of impervious material, such as PVC/rubber gloves. Final choice of appropriate gloves will vary according to individual circumstances i.e. methods of handling or according to risk assessments undertaken. Reference should be made to AS/NZS 2161.1: Occupational protective gloves - Selection, use and maintenance.

Body Protection

Suitable protective clothing should be worn e.g. cotton overalls buttoned at neck and wrist. When large quantities are handled the use of chemical resistant apron and safety boots is recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

White or coloured liquid in aerosol spray

Odour

Solvent odour

Melting Point

Not available

Boiling Point

-25°C (DME propellant)

Solubility in Water

Partly miscible

Solubility in Organic Solvents

Soluble in organic solvents

pH Value

Not applicable

Vapour Pressure

500kPa (approximate, DME propellant)

Vapour Density (Air=1)

Not available

Density

0.65-0.75 g/mL

Flash Point

-41°C (DME propellant)

Flammability

Extremely flammable

Auto-Ignition Temperature

Not available

Flammable Limits - Lower

Not available

Flammable Limits - Upper

Not available

10. STABILITY AND REACTIVITY

Chemical Stability

Stable under normal conditions of storage and handling.

Conditions to Avoid

Do not leave in a car and avoid exposure to heat and direct sunlight.

Incompatible materials

Strong oxidising agents, acids, anhydrides, alkali metals, amines.

Hazardous Decomposition Products

Thermal decomposition and combustion produce noxious fumes containing carbon monoxide, carbon dioxide and unidentified organic compounds.

Hazardous Reactions

Reacts with incompatibles.

Hazardous Polymerization

Will not occur.

11. TOXICOLOGICAL INFORMATION

Toxicology Information

No data available for this material.

Inhalation

Inhalation of product vapours may cause irritation of the nose, throat and respiratory system. Vapours may cause drowsiness and dizziness. Intentional misuse by deliberately concentrating and breathing the contents can be harmful or fatal.

Ingestion

Unlikely to occur due to physical state of the product. However, if ingested, may irritate the gastric tract causing nausea and vomiting.

Skin

May be irritating to skin. The symptoms may include redness, itching and swelling.

Eye

Irritating to eyes. On eye contact this product will cause tearing, stinging, blurred vision, and redness.

Chronic Effects

Repeated exposure may cause skin dryness and cracking.

Prolonged or repeated skin contact may cause defatting leading to drying and cracking of skin and dermatitis. Prolonged inhalation may cause central nervous system depression with symptoms including dizziness, drowsiness, nausea and headaches. Chronic exposure may have adverse effects on the central nervous system, liver and kidneys.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Persistence / Degradability

No data available for this specific product.

Mobility

No data available for this specific product.

Environmental Protection

Do not discharge this material into waterways, drains and sewers.

13. DISPOSAL CONSIDERATIONS

Disposal considerations

Dispose of waste according to applicable local and national regulations. Do not cut, incinerate, puncture or weld on or near containers. Empty containers may contain hazardous residues. Empty the container completely before disposal. Contaminated containers must not be treated as household waste. Advise flammable nature.

14. TRANSPORT INFORMATION

Transport Information

This material is classified as a Division 2.1 (Flammable Gases) Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road or Rail. (7th edition)

Division 2.1 Dangerous Goods are incompatible in a placard load with any of the following:

- Class 1, Explosives
- Division 2.2 Non-flammable, Non toxic gas that have a subsidiary risk 5.1 except when all are packed in cylinders or pressure drums not exceeding 500L capacity.
- Class 3, Flammable Liquids, if both the Division 2.1 and Class 3 dangerous goods are in tanks or other receptacles with a capacity individually exceeding 500L.
- Division 4.1, Flammable Solids
- Division 4.2, Spontaneously Combustible Substances
- Division 4.3, Dangerous When Wet Substances
- Division 5.1, Oxidising Agents
- Division 5.2, Organic Peroxides
- Class 7, Radioactive Substances

U.N. Number

1950

Proper Shipping Name

AEROSOLS

DG Class

2.1

Hazchem Code

2YE

IERG Number

49

15. REGULATORY INFORMATION

Regulatory information

Classified as Hazardous according to criteria of National Occupational Health & Safety Commission (NOHSC), Australia.

Classified as a Scheduled Poison according to the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP).

Poisons Schedule

S5

Hazard Category

Irritant,Extremely Flammable

Australia (AICS)

All components of this product are listed on the Australian Inventory of Chemical Substances (AICS) or exempted.

16. OTHER INFORMATION

Date of preparation or last revision of MSDS

MSDS Created: May 2012

Contact Person/Point

PPG Architectural Coatings

Customer Service Technical Officer

Phone Toll Free: 131 686

Emergency Contact: 1800 807 001, 0800 154 666 in NZ

END OF MSDS

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