

MATERIAL SAFETY DATA SHEET

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Product Name : HOT MELT 223

issue date 08/03/06

Not classified as Hazardous according to the criteria of Worksafe Australia

company details

Company Name ADVANCED ADHESIVES PTY .LTD. (ACN 079 016 550)
Address 5 Dowling Place South Windsor NSW 2756
Telephone (02) 4577 6611
Fax (02) 4577 6110

IDENTIFICATION

Product name ADVANCED HOT MELT 223
Other names Not Available
U.N. Number None Allocated
Correct Shipping Name Not Applicable
Dangerous Goods Class Not Applicable
Hazchem Code Not Applicable
E.P.G Not Applicable
Packaging Group Not Applicable
Poison Schedule Not Scheduled
Product Use High speed packaging adhesive

PHYSICAL DATA

Appearance Light amber pillows
Melting point 100-105 oC
% volatiles (w/w) Nil
Specific gravity 0.95
Flash point > 200 oC
Flamm. Limit LEL Not Applicable
Flamm. Limit UEL Not Applicable

INGREDIENTS

<u>Chemical Entity</u>	<u>CAS</u>	<u>Proportion</u>
EVA Copolymer	proprietary	30-60%
Hydrocarbon resin	68131-77-1	10-30%
Wax	proprietary	< 10%

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HEALTH HAZARD INFORMATION

Health Effects

Acute - Ingestion	None known but swallowing may result in choking.
Acute - Eye	fumes from heated product can be mildly irritating to the eyes
Acute - Skin	molten material may cause burns
Acute - Inhalation	vapour and fumes are mildly irritating to mucous membranes and respiratory tract and may result in nausea .
Chronic	Available data indicates low toxicity. Long term exposure to this product type indicates no danger to health when handled in accordance with good industrial practices

First aid

Ingestion	If solid is swallowed ,rinse mouth immediately with water and give water to drink. For molten material seek immediate medical assistance.
Eye	Irrigate immediately with copious quantities of water for at least 15 minutes holding eyelids open. Seek immediate medical assistance. In case of burns treat as for "skin"and urgently seek medical assistance
Skin	For burns ,immediately flood burnt area with plenty of water and and cover with a clean dry dressing. If molten material should contact the skin and adhere,cool quickly with running water -do not attempt to remove the adhesive from the skin. Seek medical assistance in case of burns.
Inhalation	Remove victim from exposure and allow to recover. Apply artificial respiration or oxygen if required . If discomfort continues seek medical assistance.
First Aid Facilities	safety shower and eye wash station
Advise to doctor	
Advise to doctor	Treat symptomatically

Other Health Hazard Information

Precautions for use

Exposure Limits None assigned by worksafe Australia , However Exposure standard (TWA) refers to the time weighted average airborne concentration over an eight-hour day ,for a five day working week, over an entire working life. According to current knowledge, this concentration level should neither impair the health of ,nor cause undue discomfort to, nearly all workers. Short term exposure limit (STEL) refers to the average airborne concentration over a 15 minute period which should not be exceeded at any time during a normal eight -hour day. These exposure standards are guides to be used in the control of occupational health hazards. All atmospheric contaminants should be kept to as low as is workable and should not be used as fine dividing line between safe and dangerous concentrations of chemicals.

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Engineering controls

General ventilation is usually adequate .If product is to be used in a confined space local extraction is recommended.

Personal Protection

Respirator type	Organic Vapour respirator is recommended if at risk of exposure to vapours .
Eye protection	Safety glasses with side shield ,chemical goggles or face mask.
Glove type	PVC coated.
Clothing	Standard work overalls covering arms and legs.
Foot wear	Chemical resistant safety shoes or boots .
work /hygiene practice	Always wash hands before smoking, eating, drinking or using toilet.

Flammability

FireHazard Not flammable under normal conditions of use .

SAFE Handling Information

Storage and Transport

Storage Precautions Store in a well ventilated area away from direct sunlight and frost. Store away from foodstuffs and oxidising agents. Keep containers closed when not in use.

Transport Not classified as a dangerous good for the purposes of transportation.

Spills and disposal

Spills and leaks Contain molten material using absorbent material such as sand soil on spilt adhesive. When adhesive has set ,Collect ,seal in containers and identify for disposal .Area may be hosed down to remove any remaining material but, where possible water should be collected for disposal .

Disposal Refer to state land waste management authority.
Normally suitable for disposal at approved land waste site or for incineration by approved agent

Fire/explosion hazard

Fire/Explos. Hazard combustible- on burning will emit toxic fumes.

Fire Fighting fire fighters to wear self -contained breathing apparatus if risk of exposure to

Procedures vapour or products of combustion

Extinguishing Media foam, carbon dioxide or dry chemical powder .use water spray to cool down fire exposed surfaces, but do not use on molten hot melt.

Hazardous reaction Hazardous reactions will not occur.

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Contact Point Contact

Advanced Adhesives Pty.Ltd on (02) 4577 6611 during office hours
Out of hours contact : Poison Information Centre : 131126

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