SAFETY DATA SHEET

HOTMELT PRODUCT: AHM230NT

NEY Limited
Stonebridge Trading Estate
Sibree Road
Coventry CV3 4FD

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1 IDENTIFICATION OF THE PREPARATION AND THE COMPANY:

PRODUCT NAME:	**AHM230NT**
INTENDED USE:	**Hot Melt Adhesive**
SUPPLIER:	**NEY Limited** **Stonebridge Trading Estate** **Sibree Road** **Coventry** **CV3 4FD**
EMERGENCY TELEPHONE:	**024 7630 8100**

2 COMPOSITION/INFORMATION ON INGREDIENTS:

2.1 Substances

Not applicable

2.2 Mixtures

No hazardous substance(s) required for disclosure. Product is a hot melt adhesive based on thermoplastic polymers.

3 HAZARDS IDENTIFICATION:

3.1 Classification of the Substance or Mixture

According to Regulation (EC) No 1272/2008 (CLP)

Not classified.

According to Directive 67/548/EEC or 1999/45/EC

Not classified.

Further Information

During use, the product is applied at elevated temperatures, exposing the use to the possibility of severe burns unless suitable precautions are taken. Exposure to high levels of fumes at application temperature may cause irritation of the eyes and respiratory tract. If adhesive is overheated, especially using a naked flame, it will burn. Excessive fuming indicates overheating. Product may accumulate static changes.

Important:
As most requirements are unique, it is most important that trials are carried out in order that the user satisfies themselves that the adhesive is suitable. The information given on this sheet is for guidance only and does not represent a specification.

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3.2 Label Elements

According to Regulation (EC) No 1272/2008 (CLP)

No Label elements according to Regulation (EC) No 1272/2008

According to Directive 67/548/EEC or 1999/45/EC

No Label elements according to Directive 67/548/EEC or 1999/45/EC.

4 FIRST AID MEASURES:

4.1 General Information

Get medical attention if symptoms occur. Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Wash contaminated clothing before reuse. Take off contaminated clothing and shoes immediately.

4.2 Inhalation

If exposed to excessive levels of fume from hot product remove to fresh air and get medical attention. Cold product does not pose an inhalation hazard.

4.3 Skin Contact

Contact with cold product does not present a hazard. If burned by contact with hot material, cool molten material adhering to skin as quickly as possible with water and seek medical advice for removal of adhering material and treatment of burn. Adhesive may be softened with olive oil or liquid paraffin. When hot melt removed treat as thermal burn.

4.4 Eye Contact

If hot product enters eye flush area with large quantities of clean, cold water. Urgently seek medical assistance.

4.5 Ingestion

In the unlikely event of ingestion seek medical advice.

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5 FIRE FIGHTING MEASURES:

5.1 Suitable Extinguishing media:

Dry chemical power, Carbon dioxide, Earth, Sand and Foam

Unsuitable extinguishing media for safety reasons.

Water should not be used as burning product may float on water.

5.2 Special Hazards/Combustion Products

Harmful vapours including smoke, flume incomplete combustion products, oxides of carbon and flammable hydrocarbons.

5.3 Protective Equipment

Self contained respiratory equipment should be worn.

Further information

Contaminated extinguishing water must be disposed of in accordance with local or national regulations.

6 ACCIDENTAL RELEASE MEASURES:

6.1 Personal Precautions, Protective Equipment and Emergency Procedures

Use personal protective clothing.

6.2 Environmental Precautions

Prevent material from entering watercourses or sewers. Advise authorities if material enters watercourses or sewers. Place in a suitable container for disposal.

6.3 Methods and Materials for Containment and Clean Up

Clean up spilled material in suitable containers for reuse or disposal. If hot product is spilt allow ot cool and take up mechanically.

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7 HANDLING AND STORAGE:

7.1 Precautions for Safe Handling

No special requirements provided the product is used correctly.

7.2 Conditions for Safe Storage, including any incompatibilities

Store in a clean dry place at temperatures between 5oC and 30 oC with containers kept closed. Use oldest stock first.

8 EXPOSURE CONTROLS AND PERSONAL PROTECTION:

8.1 Control Parameters

No occupational exposure limits known.

8.2 Engineering Controls

Handle in accordance with good industrial hygiene and safety practice. Where contact may occur with hot materials, wear thermal resistant gloves, arm protection and a face shield. During processing adequate ventilation is required. The use of local exhaust ventilation is recommended to control fumes.

9 PHYSICAL AND CHEMICAL PROPERTIES:

9.1 General Information

Form	Solid at ambient temperature, liquid at application temperatures.
Colour	Water white.
Odour	Slight Resinous.
Odour Threshold	No applicable information available.
pH Value	No applicable information available, product is not readily soluble in water.
Softening Point	92^{o}C (typical).

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Boiling Point	No applicable information available. Based on composition expected to be >250^{o}C.
Flash Point	No applicable information available. Based on composition expected to be >250^{o}C.
Evaporation Rate	No applicable information available. Based on composition expected to be >250^{o}C.
Flammability	Combustible but not flammable.
Explosion Limits	No applicable information available. Product is a non-volatile solid.
Vapour Pressure	No applicable information available. Product is a non-volatile solid at ambient temperature.
Density	1.03 g/cm^{3}
Solubility in water	No applicable information available. Based on composition expected to be negligible.
Autoignition Temperature	No applicable information available. Based on composition expected to be >250^{o}C.
Decomposition Temperature	No applicable information available. Based on composition expected to be >250^{o}C.
Viscosity	Solid at ambient temperatures, liquid at application temperatures.
Explosive Properties	Not explosive.

10 STABILITY AND REACTIVITY:

10.1 Reactivity

Limited chemical reactivity. No hazardous reactions if stored and handled as prescribed / indicated. Adding water to molten product will cause foaming and spitting.

10.2 Chemical Stability

Chemically stable. Prone to slone degradation when heated at application temperatures.

10.3 Conditions to Avoid

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Stong oxidising agents.

10.4 Hazardous Decomposition Products

Include carbon dioxide, carbon monoxide and low molecular weight hydrocarbons.

11 TOXICOLOGICAL INFORMATION:

11.1 Information on Toxicological Effects

Acute Toxicity

Non toxic after single exposure.

Irritation

Mixture not considered to be irritation to skin and eyes.

Respiratory/Skin Sensitisation

Mixture not considered to be a sensisitiser.

Germ cell Mutagenicity

Based on knowledge of the raw materials not expected to be a mutagenic.

Carcinogenicity

Based on knowledge of the raw materials not expected to have any carcinogenic effect.

Reproductive Toxicity

Based on information on raw materials not expected to have any toxic effect on reproduction.

Specifici Target Organ Toxicity (STOT) (single exposure)

Based on information on raw materials no specific target organ toxicity to be expected.

Aspiration Hazard

Not applicable.

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12 ECOLOGICAL INFORMATION:

12.1 Toxicity

Based on a knowledge of the raw materials not expected to be toxic.

12.2 Persistence and Degradability

Based on a knowledge of the raw materials not expected to biodegrade.

12.3 Bioaccumulative Potential

Based on a knowledge of the raw materials not expected to bioaccumulate.

12.4 Mobility in Soil

Based on a knowledge of the raw materials no absorption is expected.

12.5 Results of PBT and vPvB Assessment

Not assessed.

13 DISPOSAL CONSIDERATIONS:

Waste Treatment Methods

Disposal recommendations are based on materials as supplied.

Suitable routes of disposal are supervised incineration, preferentially with energy recovery, appropriate recycling methods in accordance with applicable regulations and material characteristics at the time of disposal.

Care should be taken to ensure compliance with EC, national and local regulations. In the UK the UK Environmental Protection (Duty of Care) Regulations and amendments should be noted.

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14 TRANSPORT INFORMATION:

Land

Not regulated for road/rail transport.

Inland Waterways

Not regulated for inland waterways transport.

Sea

Not regulated for sea transport.

Air

Not regulated for air transport.

15 REGULATORY INFORMATION:

15.1 Safety, Health and Environmental Regulations/Legislation Specific for the Mixture

All applicable legislation listed in other parts of this safety data sheet.

15.2 Chemical Safety Assessment

Not conducted.

16 OTHER INFORMATION:

Legal disclaimer:
The information contained in this Data Sheet is provided in accordance with the Chemicals (Hazard Information & Packaging for Supply) Regulations 2002. It does not constitute the user's own assessment of work place risks as required by other health and safety legislation. The provisions of the Health and Safety at Work etc. Act and the Control of Substances Hazardous to Health Regulations apply to the use of this product at work.

As the specific conditions of use of the product are outside the suppliers control the user is responsible for ensuring that the requirements of the relevant legislation are complied with. This product should be stored, handled and used in accordance with good industrial hygiene practices and in conformity with legal regulations. The information contained herein is based on the current state of our knowledge and is intended to describe products from the point of view of safety requirements and thus should not be construed as guaranteeing specific properties.