



Nordale Australasia Pty Ltd

ABN 66 11 48 79 122

MATERIAL SAFETY DATA SHEET

SECTION 1: IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product name: NORDALE 9020 Glue Sticks

Other names: Nordale 9020 Adhesive.

Manufacturer's product code: 9020

Recommended use: Packaging

Manufacturer: Nordale Australasia Pty Ltd.
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2. HAZARDS IDENTIFICATION

Not classified under the Chemicals (Hazard Information and Packaging) Regulations (CHIP) 1994.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substances representing a health hazard within the meaning of the Dangerous Substances Directive 67/548/EEC

Name	Conc. Range	Symbols	Risk Phrases
Vinyl acetate	<0.3%	F	R11

The above is present as an impurity.

4. FIRST AID MEASURES

GET MEDICAL ASSISTANCE FOR ALL CASES OF OVER EXPOSURE

General Advice: Hotmelt adhesives pose virtually no hazards to health when used in normal industrial practice, but because they are used in a molten state at high temperatures there is a risk of thermal burns. Skin contact with molten hotmelt should be avoided and precautions taken against accidental splashes of adhesive. The use of hinged guards and the insulation of hot pipes, tanks etc. minimises the risk of burns.

Inhalation: Noxious and irritating fumes may be released from heating hotmelts. Vapours given off during operation

Skin Contact: Immediately flush skin with large amounts of water for at least 15 minutes. DO NOT ATTEMPT TO REMOVE MOLTEN MATERIAL. Cover affected area with a clean dressing. Get prompt medical attention.

Eye Contact: Immediately flush eyes with large amounts of water for at least 15 minutes. DO NOT ATTEMPT TO REMOVE MOLTEN MATERIAL. Get prompt medical attention.

Ingestion: First aid is not normally required. Do not induce vomiting unless instructed to do so by medical personnel. Give victim two glasses of water. Never give anything by mouth to an unconscious person. Get prompt medical attention.

5. FIRE FIGHTING MEASURES

Extinguishing Agents: Water spray, dry chemicals.

Special Fire fighting Procedures: Wear self-contained breathing apparatus and protective clothing.

Hazardous Products Formed: Under oxygen deficient conditions Carbon Monoxide (CO) and irritating smoke may be produced.

Unusual Fire or Explosion Hazards: Not applicable.

6. ACCIDENTAL RELEASE MEASURES

Sweep or scoop up and remove.

7. HANDLING AND STORAGE

Storage Temperature (°C) : Ambient

Transport Temperature (°C) : Ambient

Storage/Transport Pressure (Kpa) : Atmospheric

Personal Precautionary Measures : No special precautionary measure should be needed under anticipated conditions of use.

Prevention of Fire and Explosion : Keep from contact with oxidizing material.

Handling : Avoid skin contact with hot material. Keep out of the reach of children.

Storage : Store away from heat.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eyes Protection : Avoid eye contact. The following eye protection(s) are recommended: Safety glasses with side shields, Indirect Vented Goggles.

Skin Protection : Avoid skin contact. Wear appropriate gloves, such as Nomex, when handling this material to prevent thermal burns.

Ventilation : Use in well-ventilated area.

Respiratory Protection : Under normal use conditions, airborne exposures are not expected to be significant enough for respiratory protection.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Solid

Colour: Light Brown

Odour: Odourless or resin odour

Solubility: Nil in water.

Specific Gravity: 0.92 - 0.98

Flash Point (°C): over 200 °C

Softening Point: 90± 5°C

Boiling Point/Range (°C): Not Applicable

Volatile Organic Compound (EPA Method 24): No applicable

pH: Not Applicable

Viscosity: Not Applicable

Evaporation Rate: Not Applicable

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions of use.

Conditions to avoid: Strong oxidizing agents.

Incompatible materials: None known.

Hazardous decomposition products: Flammable Hydrocarbon, carbon monoxide and fumes.

Hazardous Polymerization: Hazardous Polymerization will not occur.

11. TOXICOLOGICAL INFORMATION

Ingestion: Minimal toxicity.

Eye contact: Low hazard for usual industrial handling by trained personnel.

Skin contact: Frequent or prolonged contact may cause mild skin discomfort. Molten material may cause thermal burns.

Inhalation: Low hazard for usual industrial handling by trained personnel.

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: Not determined.

CHEMICAL FATE INFORMATION: Not determined.

13. DISPOSAL CONSIDERATIONS

Discharge, treatment, or disposal may be subject to national, state, or local laws. Incinerate.

14. TRANSPORT INFORMATION

PROPER SHIPPING NAME: Not Determined

DOT HAZARD CLASS: Not regulated

IDENTIFICATION NUMBER: Not determined

15. REGULATORY INFORMATION

This product complies with the Chemical Substance Inventory requirements of the US EPA, TSCA and the EU EINEK.

16. OTHER INFORMATION

The information contained in this safety data is based in the present state of knowledge and current national legislation. It provides guidance on health, safety and environmental aspects of the product and should not be construed as any guarantee of technical performance or suitability for particular applications.

Date of preparation or last revision of the MSDS:

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