



Get Packed Pty Ltd

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Safety Data for Hot Melt Glue

1. Intended use: To be used as adhesive in various industrial applications
2. Composition of Ingredients:

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

<u>Name</u>	<u>Conc. Range</u>	<u>Symbol</u>	<u>Risk Phrases</u>
Vinyl acetate	<0.3%	F	R11

The above is present as an impurity

3. Hazard Identification:

Not classified under the chemicals (Hazard information and packaging) regulations CHP 1994

4. First Aid Measures:

General Advice: Hot melt adhesives pose virtually no hazard when used in a 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 hot melt should be avoided and precautions taken against accidental splashes of adhesive. The use of hinged guards and the insulation of hot pipes, tanks, etc minimizes the risk of burns.

Inhalation: Noxious and irritating fumes may be released from heating hot melts. Vapour given off during operation are not considered toxic, but if overheated, the chemical breakdown of the components may occur, releasing a complex mixture of organic materials, some of which may be toxic or irritant. Remove to fresh air, keeping patient warm and at rest. If breathing is irregular or stopped, administer artificial respiration. Give recovery nothing by mouth. Treat any irritation symptomatically, if unconscious place in recovery position and seek medical advice.

Skin Contact: Solid cold hot melt is harmless to the skin. Wash hands with soap and water. Skin affected by molten hot melt should be plunged into cold water immediately and left until burning sensation subsides. If no tap is available, have a bucket of clean water available. If coated with hot melt, move fingers to prevent a tourniquet effect as it cools. Do not remove the adhesive when molten, as it might remove the skin to quite a depth leaving a raw wound. Even when solid, remove with care as the paraffin should be soaked into a cotton wool pad and placed over the affected area. This will slowly soften the adhesive into the pad. When hot melt is removed, treat as a normal burn. In isolated circumstances, an allergic reaction may occur and direct contact with the adhesive and its vapour should be avoided.

Eye Contact: For molten hot melt, irrigate with cold water and seek medical advice immediately.

Ingestion: If accidentally swallowed, obtain immediate medical attention. Keep at rest. DO NOT induce vomiting. Give large quantities of water but never give anything by mouth to an unconscious person.

5. Fire Fighting Measures:

Hot melt is a solid or, when heated liquid, with no flash point. The product is combustible and will burn in case of a small fire but does not have unusual fire or explosion hazards. If a fire does occur, extinguish the dry agent, foam or CO₂. Water should not be allowed to come into contact with molten hot melt adhesives. Fire will produce black smoke and toxic gases eg. Carbon monoxide, which must not be inhaled.

6. Accidental Release Measures:

Sweep up granules of solid material and place in a container for disposal according to local regulations. Allow melt to cool & solidify. Scrape up and dispose of as above. Do not allow to enter drains or water courses.

7. Handling & Storage:

Handling: Do not heat hot melt glue above recommended temperatures. Avoid overheating hot melts as this can give rise to excessive fumes indicating polymer breakdown and production of toxic or irritant vapours. The product contains some residual free vinyl acetate and on overheating, acetic acid can be produced by decomposition. The requirements or regulations made under THE Health & Safety Work Act should be complied to.

Storage: Hot melts can be stored for indefinite periods but stock rotation is advised. Store in a dry, well ventilated place. Keep in original containers to avoid contamination with moisture and other foreign bodies. Keep containers closed.

8. Exposure Controls / Personal Protection:

Provide adequate extraction / ventilation of fumes and vapours released from molten hot melt.

Exposure limits: Occupational exposure limit (OEL) in ppm given is EH40

<u>Name:</u>	<u>LTEL</u>	<u>STEL</u>
Vinyl Acetate	10	20
Acetic Acid	10	15

Personal Protection: Gloves to avoid contact with molten adhesive

Respiratory Protection: No special protection necessary

Hand Protection: Wear gloves to avoid contact with molten adhesive. Wash hands with soap and water after use.

Eye protection: Eye protection designed to protect against liquid splashes may be useful.

Skin Protection: Cotton or cotton/synthetic overalls may be useful to avoid skin contact.