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INTERNATIONAL COATINGS LIMITED

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Safety Data Sheet
(SDS)

Commercial product name: **TACOMELT 1034 SHAPED HOT MELT**
Amendment date: 30.04.08

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1. IDENTIFICATION OF THE SUBTANCE/PREPARTATION AND OF THE COMPANY/UNDERTAKING

1.0 Identification of the substance or preparation:
Commercial Product Name: **TACOMELT 1034 SHAPED HOT MELT**
Version: 1

1.1 Company/undertaking identification:

Manufacture/distributor:	McConnells Coatings
Street:	Ballycorus
Town:	Kilternan
County:	Dublin 18
Country:	Ireland
Telephone:	01-2822877/2822141
Telefax:	01-2822653
Emergency:	01-2893290

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2. COMPOSITION / INFORMATION ON INGREDIENTS

2.0 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.

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3. HAZARDS IDENTIFICATION

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

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4. FIRST AID MEASURES

4.0 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 are not considered toxic, but if overheated 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 nothing by mouth. Treat any irritation symptomatically. If unconscious place in recovery position and seek medical advice.

Skin Contact:

Solid cold hotmelt is harmless to the skin. Wash hands with soap and water. Skin affected by molten hotmelt should be plunged into cold water immediately and left until the burning sensation subsides. If no tap is available have a bucket of clean cold water available. If coated with hotmelt move fingers to prevent a tourniquet effect as it cools. Do not remove the adhesive when molten as it might remove skin to quite a depth leaving a raw wound. Even when solid remove with care as the above may still occur. If difficult to remove, with medical approval, olive oil or liquid 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 hotmelt 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 solid treat as inert particles and irrigate copiously with clean fresh water. For molten hotmelt 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

5.0 General information: A solid or when heated liquid with no flash point. The product is combustible and will burn in the event of a small fire but has no unusual fire or explosion hazards. If a fire does occur extinguish with dry agent, foam or CO2. Water should not be allowed to come into contact with molten hotmelt adhesives. Fire will produce dense black smoke and toxic gases e.g. carbon monoxide which must not be inhaled.

6. ACCIDENTAL RELEASE MEASURES

6.0 Sweep up granules of solid material and place in a container for disposal according to local regulations (see section 13). Allow melt to cool and solidify. Scrape up and dispose of as above. Do not allow to enter drains or water courses.

7. HANDLING AND STORAGE

7.0 Handling: Do not heat hotmelt above recommended temperatures. Avoid overheating hotmelts as this can give rise to excessive fuming 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 of regulations made under the Health and Safety at Work Act should be complied with.

7.1 Storage: Hotmelts 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

8.0 Provide adequate extraction/ventilation of fumes and vapours released from molten hotmelt.

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

NAME	LTEL	STEL
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.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Solid thermoplastic material.
Flash Point:	>250ºC
Specific Gravity:	0.90 – 1.10
Solubility:	Insoluble

10. STABILITY AND REACTIVITY

Stable under recommended storage and handling conditions (see section 7)

When exposed to high temperature may produce hazardous decomposition products such as sulphur dioxide, carbon monoxide, carbon dioxide and smoke as well as vinyl acetate and acetic acid.

11. TOXICOLOGICAL INFORMATION

There is no data available on the product itself.

12. ECOLOGICAL INFORMATION

The product should not be allowed to enter drains or water courses or be deposited where it can affect ground surface waters.

13 DISPOSAL CONSIDERATIONS

Do not allow into drains or water courses or dispose of where ground or surface waters may be affected. Wastes should be disposed of in accordance with the regulations made under the Control of Pollution Act 1974 and the Environmental Protection Act 1990.

14. TRANSPORT INFORMATION

Not hazardous for transport.

15. REGULATORY INFORMATION

The product is not classified as dangerous under the Chemicals (Hazard Information and Packaging) Regulations 1994.

16. OTHER INFORMATION

The above information describes exclusively the safety requirements for the product(s) and is based on our present-day knowledge. It does not represent a guarantee for the properties of the product(s) described in terms of the legal warranty regulations. The delivery specification is to be found in the respective product leaflet.

The information contained in this sheet does not constitute a hazard assessment, and should not be used in place of the user's own assessment of workplace risks as required by other health and safety legislation. Our data and suggestions are based on information which we believe to be reliable. Users should verify by tests that our product as well as suggested methods are suitable with the product / materials being used in their application. Since specific use, materials and handling are not controlled by us, our warranty is limited to the replacement of any defective product supplied by us. Further technical support is available from our trained sales staff.