

Section 1. Product and Company Identification

Product Name: Thermobond DM70277-2K
Recommended Use(s): Adhesive

Manufacturer: **Adfast**
 2685 Diab
 Saint-Laurent, Québec,
 H4S 1E7
 Canada

Url: <http://www.adfastcorp.com>

Emergency Contact: **Emergency Spills (CHEMTREC):** (800)424-9300
Emergency Spills (CANUTEC): (613)996-6666

Section 2. Hazard Identification

GHS Classification for mixture:

This product has no hazards

Pictograms: None

Signal Words: None

Hazard Statements: None

Precautionary Statements:None

Section 3. Composition / Information on Ingredients

Identifiers	Ingredients	Percentage	Classification
	Not classified as a hazardous chemical	100%	

Section 4. First-Aid Measures

First-Aid: Eyes

If molten material contacts the eyes, promptly flush with large amounts of water until irritation subsides and get medical attention directly.

First-Aid: Skin

In case of skin contact, DO NOT ATTEMPT TO REMOVE THE HOT MATERIAL FROM SKIN. Flush with large amounts of cold water as fast as possible to dissipate heat and keep affected area covered with cold, clean, wet compresses. For severe burns contact a physician immediately.

First-Aid: Ingestion

No harmful effect is anticipated. In case of ingestion, get medical attention immediately. Do not induce vomiting unless instructed by medical doctor. Provide the physician with this SDS.

First-Aid: Inhalation

This material is unlikely to be dangerous by inhalation. Remove individual to fresh air after an excessive level of dust or fumes exposure as a preventive measure and get medical attention if cough or other symptoms persist.

First-Aid: Other

Specific Treatment: Burns should be treated as thermal burns. The material will peel off as healing occurs, therefore immediate removal from skins is not necessary. Coat with mineral oils to soften the material for removal.

Section 5. Fire-Fighting Measures

Suitable Extinguishing Media

The suggested appropriate media: Water spray. Class B extinguishing agent. Carbon dioxide. Dry chemical.

Unsuitable Extinguishing Media

Inappropriate media: Straight streams. Streams may scatter molten product.

Protective Measures for Fire-Fighting

Wear protective gloves, clothing, and protective goggles to prevent contact with skin and eyes. Wear self-contained breathing apparatus.

Special Protective Actions for Fire-Fighters

Evacuate the people from the area.

Combustion Products

Carbon dioxide (CO₂). Carbon monoxide (CO).

Specific Hazards Arising from Combustion of Products

Slight fire hazard.

Other Information for Fire Fighters

Small fires: Small fires can be extinguished with portable extinguishers.

Section 6. Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures

Use heat resistance gloves and exercise proper precautions when handling hot molten materials. Allow spilled molten material to solidify before disposal.

Environmental Precautions

Dispose off via a licensed waste disposal contractor.

Clean-up Procedures

Sweep up spilled cold adhesive by scrapping or solvent cleaning and place in suitable containers for recycle or disposal.

Section 7. Handling and Storage

Precautions for Safe Handling

No special precautions are needed in handling hot melt glue under room temperature. Avoid breathing gas / mist / dust / fume / vapor / spray / particles. Wash Hands thoroughly after handling.

Conditions for Safe Storage

Store in a cool and dry area.

Storage life: storage life is 24 months from date of manufacturing.

Keep away from: Direct sunlight.

Suitable Packaging

1kg clogk 24kg/carton. Transport condition shall be at ambient temperature.

Section 8. Exposure Controls / Personal Protection

Control Parameters / Limits for Product

Not established for the product or its ingredients.

Engineering Measures

Provide adequate general and local exhaust ventilation. Respect the occupational health and safety standards. Safety showers and eye wash stations are recommended in the immediate vicinity of any potential exposure.

Eye/Face Protection

Wear safety goggles. Ensure eye bath is at hand.

Skin and Body Protection

Wear standard industrial work clothes.

Hand Protection

Heat resistant gloves.

Hygiene Measures

Keep away from food or drink. Use in accordance with good hygiene and safety practice. Wash hands after use.

Section 9. Physical and Chemical Properties

Basic physical and chemical properties Information

Physical State	solid
Appearance	Light yellow block
Odor	No Odour
Odor threshold	Not available
pH	Not available
Melting point	83-93°C / 181.4-199.4°F
Boiling point	Softening Point
Flash Point	Not available
Evaporation rate w/r/t ether	Greater than 210°C / 410°F
	Not available

Evaporation rate w/r/t butyl acetate	Not available
Flammability	Not available
Flammability limit	Not available
Vapor pressure	Not available
Vapor density	Not available
Relative density w/r/t water	0.93 to 0.99
Relative density w/r/t air	Not available
Relative density w/r/t other substance	Not available
Solubility	Not available
Solubility in other solvents Partition coefficient	Not available
Auto-ignition temperature	Not available
Decomposition temperature	Not available
Viscosity	3350 to 5050 cps at 160°C / 320°F
Freezing point	Not available

Section 10. Chemical Stability & Reactivity Information

Stability/Reactivity

Chemical stability: This product is stable under ambient condition.

Conditions to Avoid

Keep away from: Direct sunlight.

Materials to Avoid

Avoid contact or storage with: Strong oxidizers.

Section 11. Toxicological Information

Toxicological Information for Product

This product is only dangerous when hot and molten.

Ingestion: Ingestion may cause choking and gastrointestinal disturbance.

Skin: Contact of hot molten product may cause serious burns.

Irritation/Corrosion Information for Product

Prolonged or repeated exposure to vapors/fumes generating by heating this product may cause respiratory irritation such as throat discomfort and coughing.

Section 12. Ecological Information

Ecotoxicity Values for Product

Ecotoxicity: No ecotoxicity values specified for product.

Section 13. Disposal Considerations

Waste Disposal Regulation(s) / Operation

Disposal, treatment, or recycling of industrial waste must comply with applicable regulations to preserve the environment. When large amounts of this product need to be disposed of, the services of a registered professional waste disposal organisation is highly recommended.

Section 14. Transportation Information

Other

This product is not regulated for transport.

Section 15. Regulatory Information

Safety, Health and Environmental Regulations for Product

This product is no regulated by any agency.

Section 16. Other Information

Other Information

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.