

Section 1 : Company & Product Identification

Product Name	117A
Others Name	Hot Melt Adhesive
Intended Use	Adhesive
Manufacturer / Supplier	Adtek Consolidated Sdn Bhd 7, Jalan Korporat/KU9, Kawasan Perindustrian Meru, 42200 Klang, Selangor, Malaysia
Emergency Telephone Number	+60 3 33927608
Telephone Number for Information	+60 3 33927608
Facsimile	+60 3 33936608

Section 2 : Hazards Identification

GHS Classification	Not classified as a hazardous chemical
NOHSC Classification	Not classified as hazardous substances
ADG Classification	Not classified as dangerous goods
Signal Word	No signal word
Hazard Statement	No known significant effects or critical hazards
Precautionary Statement	Not applicable
Hazard Symbols	Not applicable
Others Hazards	Not applicable
GHS	Global Harmonised System
NOHSC	National Occupational Health and Safety Commission
ADG	Australian Dangerous Goods

Section 3 : Composition / Information Of The Ingredient

Substance or Mixture	Mixture
Declaration Of Hazardous Substance	This mixture, or the ingredients in the mixture are not classified as hazardous

Section 4 : First-Aid Measures

Skin Contact	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.
Eye Contact	If molten material contacts the eyes, promptly flush with large amounts of water until irritation subsides and get medical attention directly, ophthalmologist is preferable.

Vapor Inhalation	This material is unlikely to be dangerous by inhalation. Remove individual to fresh air after an excessive level of fumes exposure as a preventive measure and get medical attention if cough or other symptoms persist.
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.
Specific Treatments	Burns should be treated as thermal burns. The material will peel off as healing occurs, therefore immediate removal from skin is not necessary. Coat with mineral oil to soften the material for removal.

Section 5 : Fire-fighting Measures

Suitable Extinguishing Media	Use fine water spray or a class B extinguishing agent (dry chemical, carbon dioxide).
Unsuitable Extinguishing Media	Avoid a solid water stream because it may scatter molten product.
Specific Hazards Arising From Chemical	Slight fire hazard.
Hazardous Thermal Decomposition Products	Carbon dioxide, Carbon monoxide.
Special Protective Equipment For Fire-fighters	Fire-fighting personnel should wear full protective clothing including self-contained positive pressure or pressure demand breathing apparatus, helmet and face mask.
Special Protective Actions For Fire-fighters	Keep people away. If material is molten, do not apply direct water stream. Cool surroundings with fine water spray or foam to localize fire zone. Hand held dry chemical or carbon dioxide extinguishers may be used for small fire.

Section 6 : Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures	Use of resistant gloves and exercise proper precautions when handling hot molten materials. Allow spilled molten material to solidify before disposal.
Environmental Precautions	Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations.
Methods and Materials for Containment and Cleaning	Sweep up spilled cold adhesive by scrapping or using a solvent to clean. Next, place in suitable containers for recycle or disposal.

Section 7 : Handling and Storage

Precautions For Safe Handling	<ul style="list-style-type: none"> * No special precautions are needed in handling hot melt glue under room temperature. * However, avoid breathing vapors/fumes of heated product and avoid contact with hot molten adhesive. * Wash hands thoroughly after handling especially before eating, drinking, and using toilet facilities. * Wash contaminated goggles, face shield and gloves.
Conditions For Safe Storage, Including Any Incompatibilities	<ul style="list-style-type: none"> * Store in dry, cool, low dust ambient temperature. Avoid direct sun light and keep containers closed. * Storage life is 24 months from date of manufacturing. * Material is packed in standard packaging 25kg /Carton for usual shipping. * Transport condition shall be at ambient temperature.
Expiry Material Handling	If expired product cannot be recycle, dispose the material as solid waste in compliance with local, state and federal regulations.

Section 8 : Exposure Controls / Personal Protection

Appropriate Engineering Controls

General exhaust ventilation is recommended when vapours or fumes can be released.

Individual Protection Measures

- * Wear standard industrial work clothes.
- * Wear heat resistant gloves when handling hot molten adhesive to prevent burns on skin.
- * Avoid eye contact with hot material. Wear safety glasses or splash goggles.
- * Have an eye wash station and safety shower available.
- * Exercise good personal hygiene. Do not consume or store food in the work area. Wash hands with soap and water before eating, drinking, or smoking.

Section 9 : Physical / Chemical Properties

Appearance

Physical State	Solid
Colour / Appearance	Clear white stick
Odour	None
Odour Threshold	Not available
PH	Not applicable
Softening Point (R & B)	86 +/- 5
Boiling Point	Not established
Flash Point	> 210°C
Evaporation Rate	Not available
Flammable Limit	Not applicable
Vapour Pressure	Not available
Vapour Density	Not available
Solubility in Water	Insoluble
Partition Coefficient	Not available
Auto-ignition Temperature	Not established
Decomposition Temperature	Not available
Viscosity (Brookfield Thermosel)	19500 +/- 3900 cps at 170°C
Specific Gravity (H2O = 1)	0.96 +/- 0.03

Section 10 : Stability and Reactivity

Reactivity	No specific test data available
Chemical Stability	Stable
Possibility of Hazardous Reactions	Under normal conditions of storage and use, hazardous reactions will not occur
Conditions to Avoid	Direct sunlight
Incompatible Materials	Strong oxidizing agents
Hazardous Decomposition Products	None

Section 11 : Toxicological Information

Information On The Likely Routes Of Exposure	Eye contact, skin contact, inhalation and ingestion.
Potential Acute Health Effects	
Eyes Contact	Contact of hot molten product may cause serious burns.
Inhalation	Prolonged or repeated exposure to vapors/fumes generated by heating this product may cause respiratory irritation such as throat discomfort and coughing.
Skin Contact	Contact of hot molten product may cause serious burns.
Ingestion	Ingestion may cause choking and gastrointestinal disturbance.
Potential Chronic Health Effects	
Germ Cell Mutagenicity	Not applicable
Carcinogenicity	Not applicable
Reproductive Toxicity	Not applicable
Specific Target Organ Toxicity - Single Exposure	Not applicable
Specific Target Organ Toxicity - Repeated Exposure	Not applicable
Aspiration Hazard	Not applicable
Numerical Measures of Toxicity	Not applicable

Section 12 : Ecological Information

Eco-toxicity	
Aquatic	Not available
Terrestrial	Not available
Persistence and Degradability	Not available
Bioaccumulative Potential	Not available
Mobility in Soil	Not available
Others Adverse Effects	Not available

Section 13 : Disposal Considerations

Disposal Methods	Dispose of waste material according to local, state, federal and provincial environmental regulation. When large amounts of this product need to be disposed of, the services of a registered professional waste disposal organisation is highly recommended.
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Section 14 : Transport Information

Not classified as dangerous for transport

UN Number	Not applicable
UN Proper Shipping Name	Not applicable
Packing Group	Not applicable
Environmental Hazards	Not applicable
Special Precautions For User	Not applicable
Additional Information	Not applicable
Hazchem/Emergency Action	Not applicable

Section 15 : Regulatory Information

1. Occupational Safety and Health (Classification, Labelling and Safety Data Sheet of Hazardous Chemicals) Regulations 2013.
2. TSCA (Toxic Substance Control Act)
3. SARA (Superfund Amendments and Reauthorization Act) TITLE III

Section 16 : Other Information

For other information, please contact Adtek Consolidated Sdn. Bhd. at + 60-3-3392-7608

This information applies to the product as such and conforming to specifications of Adtek Consolidated Sdn. Bhd. In case of formulations, it is necessary to ascertain that a new danger will not appear. The information contain in this Safety Data Sheet is based on best of our knowledge of the product, at the date of publishing and it is given sincerely. Because some of the data is derived from information provided to Adtek from its suppliers, Adtek makes no warranty, expressed or indirect regarding the accuracy, reliability or completeness of the data in all cases. Adtek also makes no representations and assumes no liability for any direct, incidental or consequential damages resulting from its use. It is the user's obligation to evaluate and use this product safely and to comply with all applicable laws and regulations.