Date Created: 25.03.24

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name Timbond H517 Hotmelt Adhesive MSDS

Product number AD12H51715

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses Adhesive.

Uses advised against Adhesive for industrial of professional use, use in accordance of this MSDS

1.3. Details of the supplier of the safety data sheet

Supplier

Adkwik Ltd
Unit F Dales Manor Business Park
Grove Road
Sawston
Cambridge
CB22 3TJ
T: 01223 412373
E: technical@adkwik.co.uk
www.adkwik.co.uk

1.4. Emergency telephone number

Emergency telephone +44 (0) 01223 412373 (NOT 24HRS)
Working Hours: Weekdays: 8am- 4.30pm (GMT)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Not Classified (regulation EC 1272/2007 CLP Directive 1999/45/EC)

2.2. Label elements

GHS Pictograms None

Signal word None

Hazard statements Not classified

Precautionary statements None

Additional Labelling Not required

2.3. Other hazards

Health hazards No hazard if solid, molten adhesive will cause thermal burns, Hot vapours may be irritating To the eyes and repiratory tract.

Physical chemical hazards See Chapter 10

Environment hazards See hazard statements. Mixture does not meet the criteria for PBT or vPVB accordingly to annex XIII of reach regulations.

SECTION 3: Composition/information on ingredients

3.1 Substance / 3.2. Mixtures

Mixture

Chemical family	Hot melt adhesive (polyolefin based synthetic resin)

SECTION 4: First aid measures

4.1. Description of first aid measures

Eye contact	If solid, remove as foreign body If hot, rinse immediately with plenty of water and seek medical advice.
Skin Contact	Cool skin rapidly with cold water after contact with molten preparation. Do not peel Adhesive from the skin. Get medical attention.
Inhalation	Remove to fresh air. Get medical attention if irritation persists.
Ingestion	Drink plenty of water, do not induce vomiting, seek medical advice if any symptoms appear

4.2. Most important symptoms and effects, both acute and delayed

Eyes	As supplied: Irritant as a foreign body; molten adhesive; Severe thermal burns
Skin	As supplied: None; molten adhesive; Severe thermal burns
Inhalation	Vapour/ Fumes generated by heating the product may be irritating to the eyes and respiratory tract

4.3. Indication of any immediate medical attention and special treatment needed

In case of burns with the molten product, cool immediately the burned area with cold water and do not move the product from the skin. The removal of the adhesive should be done very carefully and when the product is sufficiently solid and hard. Seek medical attention.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	Dry chemical, foam CO2 (carbon dioxide) or water spray

5.2. Special hazards arising from the substance or mixture

Specific hazards	Combustible at high temperature. May produce toxic fumes of carbon monoxide Carbon dioxide and small chain hydrocarbons on burning.

5.3. Advice for firefighters

Protective actions during firefighting	Self contained brething apparatus and full protection coating must be worn in cases of fire involving this product.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Wear appropriate protection equipment

6.2. Environmental precautions

Environmental precautions Not regarded as a environmental hazard

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Allow to cool and collect in suitable containers for disposal
Clean up area to prevent slipping hazard.

6.4. Reference to other sections

Reference to other sections See section 1 for emergency contact details
For instructions on fire- fighting measures see section
Section 12 for environmental precautions
See section 13 for additional waste treatment information.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions No special measures are necessary in handling the solid product
Avoid contact with molten adhesive. The product should only be heated to recommended temperatures.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Store in a dry and cool place at room temperature at room temperature
Out of direct sunlight in original packaging

7.3. Specific end use(s)

Specific end use(s) See section 1.2 and exposure in annex, if applicable.

SECTION 8: Exposure controls/Personal protection

8.1. Control parameters

Occupational exposure limits

None established
Information on special components

Paraffin waxes and Hydrocarbon waxes (CAS 8002-74-2) (<30%) Threshold limit Value time weighted average (TLV-TWA: 2mg/m3 (smoke)

8.2. Exposure controls

Use in a well ventilated area. Provide local exhaust extraction to maintain airbourne levels bellows the levels stated above.

8.3 Individual protection measures
PPE

Hygiene measures	Wash hands after handling product and before eating drinking and smoking.
Eye/ Face protection	It is a good industrial practice to minimise eye contact. Wear safety glasses or face shield when working with molten material.
Skin/Hand Protection	Wear gloves, apron and other PPE to eliminate contact with molten product.
Respiratory protection	If engineering controls are not sufficient to maintain airbourne concentrations below exposure limits or to an acceptable level,an approved respirator must be worn.
Environmental controls	Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation.

SECTION 9: Physical and chemical properties

Appearance	Solid at room temperature
Colour	Amber
Odour	Faint Hydrocarbon
Odour threshold	No data available
pH	N/a
Melting point	105°C
Boiling point	>250°C
Flash point	>250°C
Evaporation rate	N/A
Relative density	0.92
Bulk density	Not available.
Solubility(ies)	Insoluble
Auto-ignition temperature	>350°C
Decomposition Temperature	Thermal stability not tested. Low hazard under normal operating conditions
Viscosity	1700 cPs
Explosive properties	None under normal operating conditions
Oxidising properties	None under normal operating conditions

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity	There no specific test data available for this product. For additional information please consult points 10.4 and 10.5.

10.2. Chemical stability

Stability	Stable under recommended conditions of use.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	None under normal conditions of use.

10.4. Conditions to avoid

Conditions to avoid	The product should under be used at recommended temperatures. Avoid exposure Naked flames and sources of ignition.

10.5. Incompatible materials

Materials to avoid	Strong oxidizing agents

10.6. Hazardous decomposition products

Hazardous decomposition products	Carbon monoxide and unknown hydrocarbons.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Oral	Not tested, but considered to have a low order of toxicity.
Dermal	Not tested, but considered low order of toxicity based on component Information.
Inhalation	Not tested but considered with low order of toxicity based on component information.

Irritation/sensitisation

Oral	No information available
Dermal	As supplied no hazard; Molten: severe thermal hazard
Inhalation	Vapours/fumes generated by heating the product may be irritating -to eyes / respiratory tract based on component information.
Eyes	As supplied irritant as a foreign body; molten adhesive servere thermal hazard.
Corrosivity	Not corrosive and normal conditions.
Carcinogenity/ Mutgenicity	Not determined
Toxicity for Reproduction	Not determined

SECTION 12: Ecological information

12.1. Toxicity

There are no special test data available for this product. It is not classified as dangerous to the environment.

12.2 Persistence and Degradability

Not readily biodegradable, insoluble in water.

12.3 Bioacculmative potential

No special test data available for this product

12.4 Mobility in soil

There are no special test data available for this product

12.5 Result of PBT and vPvB Assessment

Based on component information does nor contain any PBT vPvB substances.

12.6 Other adverse effects

No information available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste treatment	Disposal should take place according to local and national regulations
European waste codes	EWC 08 04 10 – Waste adhesives and sealants other than those mentioned in 08 04 09

SECTION 14: Transport information

General	Not classified according to ADR/RID AND/ADNR IMDG IATA
UN number:	None

14.7 Transport in bulk according to Annex II of Marpol 73/78 and the IBC code or practice

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Regulations on (EC) no 1907/2006 REACH	The supplier identified in section 1, produces the product in the EU in conformity with the present requirements of REACH. Under the present date of revision of this data sheet. This product does not contain and SVHC substances in quantities exceeding 0.1% by weight.
Other regulations	The compliance of this product with other applicable regulations is available on request. Please contact the supplier in section 1.

15.2. Chemical safety assessment

Not performed

SECTION 16: Other information

Hazard statements	None
Risk Phrases	None
Danger category and classes	
EC 1272/2008	None
Directive 67/548/EEC	None

Abbreviations and acronyms used in this data sheet

CLP	Classification on labelling and packaging
PBT	Persistant, Bioacculmative and Toxic
vPvB	Very Persistant and very Bioacculmative
REACH	Registration and evaluation, authorisation and restriction of chemicals
CAS	Chemical abstracts service
EINECS	European inventory of existing chemical substances
EWC	European Waste Catalogue
Issued by	Compliance
Date Created:	25.03.24

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