

Revision Date: 20/10/2022

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier****Product name** Timbond H509 Hotmelt Adhesive**Product code** AD12H50915**1.2. Relevant identified uses of the substance or mixture and uses advised against****Identified uses** Adhesive.**Uses advised against** No specific uses advised against are identified.**1.3. Details of the supplier of the safety data sheet****Supplier** Adkwik  
Unit F  
Dales Manor Business Park  
Grove Road, Sawston, Cambridge  
CB22 3TJ  
T: 01223 412373  
E: tech@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)**National emergency telephone number** National Poisons Information Service (UK) TEL: 0844 892 0111  
(healthcare professionals only)**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****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 respiratory tract.**Physical chemical hazards** See Chapter 10**Environment hazards** Environment hazards

**SECTION 3: Composition/information on ingredients****3.1 Substance / 3.2 Mixture**

Mixture

Chemical family Hot melt adhesive (polyolefin based synthetic resin)

**SECTION 4: First aid measures****4.1. Description of first aid measures**

<b>Eye contact</b>	if solid, remove as foreign body If hot, rinse immediately with plenty of water and seek medical advice.
<b>Skin contact</b>	Cool skin rapidly with cold water after contact with molten preparation. Do not peel Adhesive from the skin. Get medical attention.
<b>Inhalation</b>	Remove to fresh air. Get medical attention if irritation persists.
<b>Ingestion</b>	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**

<b>General information</b>	The severity of the symptoms described will vary dependent on the concentration and the length of exposure.
<b>Eyes</b>	As supplied: Irritant as a foreign body; molten adhesive; Severe thermal burns
<b>Skin</b>	As supplied: None; molten adhesive; Severe thermal burns
<b>Inhalation</b>	Vapour/ Fumes generated by heating the product may be irritating to the eyes and

**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 CO<sub>2</sub> ( carbon dioxide) or water spray

**5.2. Special hazards arising from the substance or mixture**

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

**5.3. Advice for firefighters**

Self contained breathing 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/m<sup>3</sup> (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.

**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**

<b>Appearance</b>	Solid at room temperature
<b>Colour</b>	Amber
<b>Odour</b>	Faint Hydrocarbon
<b>Odour threshold</b>	No data available
<b>pH</b>	N/A
<b>Melting point</b>	105°C
<b>Boiling point</b>	>250°C
<b>Flash point</b>	>250°C
<b>Evaporation rate</b>	N/A
<b>Relative density</b>	0.92
<b>Solubility</b>	Insoluble
<b>Auto-ignition temperature</b>	>350°C
<b>Decomposition Temperature</b>	Thermal stability not tested. Low hazard under normal operating conditions
<b>Viscosity @ 160°C</b>	4000 cPs
<b>Explosive properties</b>	None under normal operating conditions
<b>Oxidising properties</b>	None under normal operating conditions

**SECTION 10: Stability and reactivity****10.1.**

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**

Strong oxidizing agents

**10.6. Hazardous decomposition products**

Carbon monoxide and unknown hydrocarbons

**11. Toxicological information****11.1. Information on toxicological effects**

<b>Oral</b>	Not tested, but considered to have a low order of toxicity
<b>Dermal</b>	Not tested, but considered low order of toxicity based on component Information.
<b>Inhalation</b>	Not tested but considered with low order of toxicity based on component information
<b>Irritation/sensitisation</b>	
<b>Oral</b>	No information available
<b>Dermal</b>	As supplied no hazard; Molten: severe thermal hazard
<b>Inhalation</b>	Vapours/fumes generated by heating the product may be irritating -to eyes / respiratory tract based on component information.
<b>Eyes</b>	As supplied irritant as a foreign body; molten adhesive severe thermal hazard.
<b>Corrosivity</b>	Not corrosive and normal conditions
<b>Repeated dose Toxicity</b>	Not tested, but considered low order of toxicity based on component information.
<b>Carcinogenity/ Mutgenicity</b>	Not determined
<b>Toxicity for Reproduction</b>	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 Bioaccumulative 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 not contain any PBT vPvB substances.

**12.6 Other adverse effects**

No information available.

**SECTION 13: Disposal considerations****13.1. Waste treatment methods**

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

**SECTION 14: Transport information**

<b>General</b>	Not classified according to ADR/RID AND/ADNR IMDG IATA UN number: None
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**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** Persistent, Bioaccumulative and Toxic

**vPvB** Very Persistent and very Bioaccumulative

**REACH** Registration and evaluation, authorisation and restriction of chemicals

**CAS** Chemical abstracts service

**EINECS** EINECS

**EWC** European Waste Catalogue

**Issued by** Compliance

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