



## SAFETY DATASHEET

### WB HTA – WATER BASED HIGH TEMP ADHESIVE

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

##### 1.1. Product identifier

**Product name** WB HTA  
**UFI** UFI: AFG0-YOW9-200G-FKKG

##### 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** Wayside Adhesives Ltd  
23 Main Road,  
Radcliffe on Trent  
Nottingham  
NG12 2BE  
Tel: 0044(0)1159 33 33 21  
Email: info@waysideadhesives.com

##### 1.4. Emergency telephone number

**Emergency telephone** 44 (0) 1159 33 33 21 (Available 08.30 to 17.00)

#### SECTION 2: Hazards identification

##### 2.1. Classification of the substance or mixture

###### Classification (EC 1272/2008)

**Physical hazards** Not Classified  
**Health hazards** Not Classified  
**Environmental hazards** Not Classified

**Human health** Splashes in the eyes may cause redness and irritation.  
**Environmental** The product is not expected to be hazardous to the environment.  
**Physicochemical** When handled correctly, undamaged units represent no danger.

##### 2.2. Label elements

**Hazard statements** NC Not Classified

##### 2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

#### SECTION 3: Composition/information on ingredients

##### 3.2. Mixtures

**Composition comments** The data shown are in accordance with the latest EC Directives.

## Chemical Nature

chemical nature

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

<b>General information</b>	Move affected person to fresh air at once. Get medical attention if any discomfort continues. <b>Inhalation</b> Move affected person to fresh air at once. Get medical attention if any discomfort continues.
<b>Ingestion</b>	Do not induce vomiting. Never give anything by mouth to an unconscious person. Do not induce vomiting. Rinse mouth thoroughly with water. Get medical attention.
<b>Skin contact</b>	Remove affected person from source of contamination. Get medical attention if irritation persists after washing.
<b>Eye contact</b>	Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.
<b>Protection of first aiders</b>	First aid personnel should wear appropriate protective equipment during any rescue. It may be dangerous for first aid personnel to carry out mouth-to-mouth resuscitation.

#### 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>Inhalation</b>	No specific symptoms known.
<b>Ingestion</b>	May cause stomach pain or vomiting.
<b>Skin contact</b>	No specific symptoms known.
<b>Eye contact</b>	May cause temporary eye irritation.

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

<b>Notes for the doctor treatments</b>	No specific recommendations. If in doubt, get medical attention promptly. <b>Specific treatments</b> Treat symptomatically.
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### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

<b>Suitable extinguishing media</b>	Extinguish with the following media: Water spray, fog or mist. Foam. Carbon dioxide (CO <sub>2</sub> ). Dry chemicals, sand, dolomite etc.
<b>Unsuitable extinguishing media</b>	None known.

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

<b>Specific hazards</b>	In case of fire: Thermal decomposition or combustion products may include the following substances: Oxides of carbon. Hydrogen chloride (HCl).
<b>Hazardous combustion products</b>	Does not decompose when used and stored as recommended.

#### 5.3. Advice for firefighters

<b>Protective actions during firefighting</b>	Use water to keep fire exposed containers cool and disperse vapours.
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**Special protective equipment for firefighters** Use air-supplied respirator, gloves and protective goggles.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

**Personal precautions** Wear protective clothing as described in Section 8 of this safety data sheet. **For non-emergency personnel** Wear protective clothing as described in Section 8 of this safety data sheet. **For emergency responders** Wear protective clothing as described in Section 8 of this safety data sheet.

### 6.2. Environmental precautions

**Environmental precautions** Avoid discharge into drains or watercourses or onto the ground. **6.3.**

### Methods and material for containment and cleaning up

**Methods for cleaning up** Absorb in vermiculite, dry sand or earth and place into containers. Avoid the spillage or runoff entering drains, sewers or watercourses.

### 6.4. Reference to other sections

**Reference to other sections** For personal protection, see Section 8.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

**Usage precautions** Avoid spilling. Wear protective gloves, eye and face protection.

**Advice on general occupational hygiene** Provide eyewash station. Good personal hygiene procedures should be implemented.

### 7.2. Conditions for safe storage, including any incompatibilities

**Storage precautions** Store in tightly-closed, original container in a dry, cool and well-ventilated place. Store at temperatures above 5°C.

**Storage class** Unspecified storage.

### 7.3. Specific end use(s)

**Specific end use(s)** The identified uses for this product are detailed in Section 1.2.

## SECTION 8: Exposure controls/Personal protection

### 8.1. Control parameters

### 8.2. Exposure controls

#### Protective equipment



#### Appropriate engineering controls

Provide adequate general and local exhaust ventilation.

#### Eye/face protection

Wear chemical splash goggles. Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. Personal protective equipment for eye and face protection should comply with European Standard EN166.

<b>Hand protection</b>	Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. It is recommended that gloves are made of the following material: Nitrile rubber. To protect hands from chemicals, gloves should comply with European Standard EN374. The selected gloves should have a breakthrough time of at least 6 hours.
<b>Other skin and body protection</b>	Avoid contact with skin. Wear appropriate clothing to prevent skin contamination.
<b>Hygiene measures</b>	Wash at the end of each work shift and before eating, smoking and using the toilet. Do not smoke in work area.
<b>Respiratory protection</b>	If ventilation is inadequate, suitable respiratory protection must be worn. Wear a respirator fitted with the following cartridge: Combination filter, type A2/P3. Ensure all respiratory protective equipment is suitable for its intended use and is 'CE'-marked.
<b>Thermal hazards</b>	Contact with hot product can cause serious thermal burns.
<b>Environmental exposure controls</b>	Keep container tightly sealed when not in use.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

<b>Appearance</b>	Liquid.
<b>Colour</b>	White.
<b>Odour</b>	Characteristic.
<b>Odour threshold</b>	Not relevant.
<b>pH</b>	pH (concentrated solution): > 10
<b>Melting point</b>	Not available.
<b>Initial boiling point and range</b>	100°C @ 760 mm Hg
<b>Flash point</b>	No information required.
<b>Evaporation rate</b>	Not available.
<b>Evaporation factor</b>	Not available.
<b>Flammability (solid, gas)</b>	Not available.
<b>Upper/lower flammability or explosive limits</b>	Not relevant.
<b>Other flammability</b>	Not available.
<b>Vapour pressure</b>	Not available.
<b>Vapour density</b>	Not available.
<b>Relative density</b>	1.10 @ @ 20°C
<b>Bulk density</b>	Not applicable.
<b>Solubility(ies)</b>	Not determined. Miscible with water.
<b>Partition coefficient</b>	Not available.
<b>Auto-ignition temperature</b>	Not available.
<b>Decomposition Temperature</b>	Not determined.

<b>Viscosity</b>	250 - 550 cP @ 20°C
<b>Explosive properties</b>	No information available.
<b>Explosive under the influence of a flame</b>	No
<b>Oxidising properties</b>	Not applicable.
<b>Comments</b>	Information declared as "Not available" or "Not applicable" is not considered to be relevant to the implementation of the proper control measures.

**9.2. Other information**

<b>Refractive index</b>	Not relevant.
<b>Particle size</b>	Not available.
<b>Molecular weight</b>	Not available.
<b>Volatility</b>	Not applicable.
<b>Saturation concentration</b>	Not available.
<b>Critical temperature</b>	Not available.
<b>Volatile organic compound</b>	Not relevant.

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

**Reactivity** There are no known reactivity hazards associated with this product. **10.2.**

**Chemical stability**

**Stability** Stable at normal ambient temperatures and when used as recommended. **10.3.**

**Possibility of hazardous reactions**

**Possibility of hazardous reactions** Not applicable. Not relevant.

**10.4. Conditions to avoid**

**Conditions to avoid** Protect from frost.

**10.5. Incompatible materials**

**Materials to avoid** Avoid contact with the following materials: Some metals. **10.6.**

**Hazardous decomposition products**

**Hazardous decomposition products** Thermal decomposition or combustion products may include the following substances: Irritating gases or vapours. Carbon dioxide (CO<sub>2</sub>). Carbon monoxide (CO). Hydrogen chloride (HCl).

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

**Toxicological effects** No data recorded.

**Acute toxicity - oral**

**Notes (oral LD<sub>50</sub>)** Not determined.

**Acute toxicity - dermal**

**Notes (dermal LD<sub>50</sub>)** Not determined.

**Acute toxicity - inhalation****Notes (inhalation LC<sub>50</sub>)** Not determined.**Skin corrosion/irritation****Animal data** Not determined.**Human skin model test** Not determined.**Extreme pH** Not applicable.**Serious eye damage/irritation****Serious eye damage/irritation** Based on available data the classification criteria are not met. **Respiratory****sensitisation****Respiratory sensitisation** Based on available data the classification criteria are not met.**Skin sensitisation****Skin sensitisation** Based on available data the classification criteria are not met. **Germ****cell mutagenicity****Genotoxicity - in vitro** Based on available data the classification criteria are not met.**Genotoxicity - in vivo** Based on available data the classification criteria are not met.**Carcinogenicity****Carcinogenicity** Not applicable.**Reproductive toxicity****Reproductive toxicity - fertility** Based on available data the classification criteria are not met.**Reproductive toxicity - development** Does not contain any substances known to be toxic to reproduction.**Specific target organ toxicity - single exposure****STOT -single exposure** Based on available data the classification criteria are not met. **Target****organs** Not relevant.**Specific target organ toxicity - repeated exposure****STOT -repeated exposure** Based on available data the classification criteria are not met. **Target****organs** Not relevant.**Aspiration hazard****Aspiration hazard** Not relevant.**General information**

No specific health hazards known.

**Inhalation**

No specific health hazards known.

**Ingestion**

No specific health hazards known.

**Skin contact**

Skin irritation should not occur when used as recommended.

**Eye contact**

Particles in the eyes may cause irritation and smarting.

**Acute and chronic health hazards**

No specific health hazards known.

**Route of exposure**

Skin and/or eye contact

**Target organs**

Not relevant.

**Medical symptoms** No specific symptoms known.

## **SECTION 12: Ecological information**

**Ecotoxicity** The product components are not classified as environmentally hazardous. However, large or frequent spills may have hazardous effects on the environment.

### **12.1. Toxicity**

#### **Acute aquatic toxicity**

**Acute toxicity - fish** Not determined.

**Acute toxicity - aquatic invertebrates** Not determined.

**Acute toxicity - aquatic plants** Not determined.

**Acute toxicity - microorganisms** Not determined.

**Acute toxicity - terrestrial** Not determined.

#### **Chronic aquatic toxicity**

**Chronic toxicity - fish early life stage** Not determined.

**Short term toxicity - embryo** Not determined.

**and sac fry stages** Not determined.

**Chronic toxicity - aquatic invertebrates**

### **12.2. Persistence and degradability**

**Persistence and degradability** The product is potentially degradable.

**Phototransformation** Not determined.

**Stability (hydrolysis)** Not determined.

**Biodegradation** Inherently biodegradable.

**Biological oxygen demand** Not determined.

**Chemical oxygen demand** Not determined.

### **12.3. Bioaccumulative potential**

**Bioaccumulative potential** No data available on bioaccumulation.

**Partition coefficient** Not available.

### **12.4. Mobility in soil**

**Mobility** The product is miscible with water and may spread in water systems.

**Adsorption/desorption coefficient** Not determined.

**Henry's law constant** Not determined.

**Surface tension** Not determined.

### **12.5. Results of PBT and vPvB assessment**

**Results of PBT and vPvB assessment** This product does not contain any substances classified as PBT or vPvB.

**12.6. Other adverse effects**

**Other adverse effects** None known.

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

**General information** Dispose of waste product or used containers in accordance with local regulations

**Disposal methods** Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

**SECTION 14: Transport information**

**General** The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

**14.1. UN number**

Not applicable.

**14.2. UN proper shipping name**

Not applicable.

**14.3. Transport hazard class(es)****Transport labels**

No transport warningsign required. **14.4.**

**Packing group**

Not applicable.

**14.5. Environmental hazards****Environmentally hazardous substance/marine pollutant**

No.

**14.6. Special precautions for user**

Not applicable.

**14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code**

**Transport in bulk according to** Not applicable.

**Annex II of MARPOL 73/78  
and the IBC Code**

**SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****National regulations**

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716).  
Rivers (Prevention of Pollution) Act 1961.

Control of Substances Hazardous to Health Regulations 2002 (as amended).

**EU legislation**

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).



<b>Guidance</b>	CHIP for everyone HSG228. Approved Classification and Labelling Guide (Sixth edition) L131.
<b>Authorisations (Annex XIV Regulation 1907/2006)</b>	No specific authorisations are known for this product.
<b>Restrictions (Annex XVII Regulation 1907/2006)</b>	No specific restrictions on use are known for this product.

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

## **SECTION 16: Other information**

<b>Abbreviations and acronyms used in the safety data sheet</b>	<p>ATE: Acute Toxicity Estimate.  ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.  CAS: Chemical Abstracts Service. DNEL: Derived No Effect Level. GHS: Globally Harmonized System.  IATA: International Air Transport Association.  ICAO: Technical Instructions for the Safe Transport of Dangerous Goods by Air. IMDG: International Maritime Dangerous Goods.  Kow: Octanol-water partition coefficient.  LC<sub>50</sub>: Lethal Concentration to 50% of a test population.  LD<sub>50</sub>: Lethal Dose to 50% of a test population (Median Lethal Dose). PBT: Persistent, Bioaccumulative and Toxic substance.  PNEC: Predicted No Effect Concentration.  REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006.  RID: European Agreement concerning the International Carriage of Dangerous Goods by Rail.  SVHC: Substances of Very High Concern.  vPvB: Very Persistent and Very Bioaccumulative. IARC: International Agency for Research on Cancer.  MARPOL 73/78: International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978.  cATpE: Converted Acute Toxicity Point Estimate. BCF: Bioconcentration Factor.  BOD: Biochemical Oxygen Demand.  EC<sub>50</sub>: 50% of maximal Effective Concentration.  LOAEC: Lowest Observed Adverse Effect Concentration. LOAEL: Lowest Observed Adverse Effect Level.  NOAEC: No Observed Adverse Effect Concentration. NOAEL: No Observed Adverse Effect Level.  NOEC: No Observed Effect Concentration. LOEC: Lowest Observed Effect Concentration. DMEL: Derived Minimal Effect Level.  UN: United Nations.  IBC: International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk (International Bulk Chemical Code).  Dangerous Properties of Industrial Materials Report, N.Sax et.al.</p>
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### **Key literature references and sources for data**

**Revision comments** NOTE: Lines within the margin indicate significant changes from the previous revision.

<b>Revision date</b>	05/03/2021
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