

## SAFETY DATA SHEET

### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** Clear Cool (Low) Melt Glue Sticks  
**MANUFACTURER'S NAME:** Tacwise Group Plc  
**TRADE NAME AND SYNONYMS:** Low Melt Adhesive, Clear Glue Sticks  
**USAGE:** Assembling

### 2. COMPOSITION INFORMATION ON INGREDIENTS

**CHEMICAL NAME:** Ethylene Vinyl Acetate Copolymer (CAS No. 24937-78-8)  
Hydrocarbon Saturated Resin (CAS No. 64742-16-1)  
Wax (CAS No. 8002-74-2)

### 3. HAZARDS IDENTIFICATION

**HMIS HAZARD RATINGS:** Molten material will produce thermal burns  
Health - 1, Flammability – 1, Chemical Reactivity - 0  
**NFPA HAZARD RATINGS:** Health - 1, Flammability – 1, Instability - 0  
**NOTE:** HMIS and NFPA ratings involve data and interpretations that may vary from company to company. They are intended only for rapid, general identification of the magnitude of the specific hazard. To deal adequately with the safe handling of this material, all the information contained in this MSDS must be considered.

### 4. FIRST AID MEASURES

**INHALATION:** If symptomatic, move to fresh air. Get medical attention if symptoms persist.  
**EYES:** If molten material contacts the eye, immediately flush with plenty of water for at least 15 minutes. If easy to do, remove contact lenses. Get medical attention immediately.  
**SKIN:** If burned by contact with molten material, cool as quickly as possible. Do not peel material from skin. Get medical attention.  
**INGESTION:** Seek medical advice  
**NOTE TO PHYSICIANS:** Burns should be treated as thermal burns. The material will come off as healing occurs; therefore, immediate removal from the skin is not necessary.

### 5. FIRE FIGHTING MEASURES

**EXTINGUISHING MEDIA:** Water spray, dry chemical  
**SPECIAL FIRE FIGHTING PROCEDURES:** Wear self-contained breathing apparatus and protective clothing.  
**HAZARDOUS COMBUSTION PRODUCTS:** Carbon dioxide, carbon monoxide  
**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Powdered material may form explosive dust-air mixtures.

### 6. ACCIDENTAL RELEASE MEASURES

Sweep up and place in a container for chemical waste

**FASTENING TOOLS FOR THE PROFESSIONAL****7. HANDLING AND STORAGE****PERSONAL PRECAUTIONARY MEASURES:****PREVENTION OF FIRE AND EXPLOSION:**

Avoid contact with molten material

Keep from contact with oxidizing materials

Minimize dust generation and accumulation. Refer to NFPA Pamphlet No. 654, "Prevention of Fire and Dust Explosions in the Chemical, Dye, Pharmaceutical and Plastics Industries".

**STORAGE:**

Keep container closed. Store at room temperature to avoid melting or softening

**8. EXPOSURE CONTROL/PERSONAL PROTECTION****EXPOSURE:**

TLV &amp; PEL (1989) – Not established

**VENTILATION:**

Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to the conditions.

Supplementary local exhaust ventilation, closed systems, or respiratory protection (air masks) may be needed in special circumstances such as poorly ventilated spaces, mechanical generation of dusts, heating, frying etc.

**RESPIRATORY PROTECTION:**

If engineering controls do not maintain airborne concentrations to an acceptable level, an approved respirator must be worn.

**RESPIRATOR TYPE:**

Dust, organic vapour. If respirators are used, a program should be instituted to assure compliance with OSHA Standard 63 FR 1152, January 8, 1998.

**EYE PROTECTION:**

Safety goggles should be worn. It is a good industrial hygiene practice to help minimize eye contact.

**SKIN PROTECTION:**

When material is heated, wear gloves to protect against thermal burns

**RECOMMENDED DECONTAMINATION FACILITIES:**

Eye bath, washing facilities

**9. PHYSICAL AND CHEMICAL PROPERTIES****SPECIFIC GRAVITY (WATER = 1):**

&lt;1.0

**VISCOSITY AT AMBIENT TEMPERATURE:**

Not Applicable

**VAPOUR PRESSURE:**

Negligible

**SOLUBILITY IN WATER AT AMBIENT TEMPERATURE:**

Negligible

**VAPOUR DENSITY (AIR = 1):**

Not applicable

**PH:**

Not applicable

**EVAPORATION RATE:**

Not applicable

**BOILING POINT:**

Not applicable

**AUTOIGNITION TEMPERATURE:**

Not applicable

**FLASH POINT (SETAFLASH CLOSED CUP):**

Not applicable

**LOWER FLAMMABLE LIMIT:**

Not applicable

**UPPER FLAMMABLE LIMIT:**

Not applicable

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**FASTENING TOOLS FOR THE PROFESSIONAL****10. STABILITY AND REACTIVITY**

<b>STABILITY:</b>	Stable
<b>INCOMPATIBILITY:</b>	Material can react with strong oxidizing agents
<b>HAZAROUS POLYMERIZATION:</b>	Will not occur.

**11. TOXICOLOGICAL INFORMATION****EFFECTS OF EXPOSURE:**

<b>INHALATION:</b>	Low hazard for usual industrial handling or commercial handling by trained personnel.
<b>EYES:</b>	Molten material will produce thermal burns
<b>SKIN:</b>	Molten material will produce thermal burns
<b>INGESTION:</b>	Expected to be a low ingestion hazard
<b>ORAL LD-50:</b>	Not available
<b>INHALATION LC-50:</b>	Not available
<b>DERMAL LD-50:</b>	Not available

**12. ECOLOGICAL INFORMATION**

This material has not been tested for environmental effects

**13. DISPOSAL CONSIDERATIONS**

Discharge, treatment or disposal may be subject to national, state or local anti-pollution law

**14. TRANSPORT INFORMATION**

<b>AIR:</b>	International Civil Aviation Organization (ICAO)
<b>ICAO STATUS:</b>	Not regulated
<b>SEA:</b>	International Maritime Dangerous Goods (IMDG)
<b>IMDG STATUS:</b>	Not regulated

**15. REGULATORY INFORMATION****INTERNATIONAL AGENCY FOR RESEARCH ON CANCER (IARC):**

Not listed

**AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS (ACGIH):**

Not listed

**NATIONAL TOXICOLOGY PROGRAM (NTP):**

Not listed

**OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA):**

Not listed

**CHEMICAL(S) SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OR TITLE III OF THE SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT (SARA) OF 1986 AND 40 CFR PART 372:**

None

**SARA (U.S.A.) SECTIONS 311 AND 312 HAZARD CLASSIFICATION(S):**

Not applicable

**US TOXIC SUBSTANCES CONTROL ACT (TSCA):**

All components of this product are listed on the TSCA inventory. Any impurities present in this product are exempt from listing.

**CANADIAN ENVIRONMENTAL PROTECTION ACT (CEPA) AND DOMESTIC SUBSTANCES LIST (DSL):**

All components of this product are listed on the DSL. Any impurities present in this product are exempt from listing.



worldwide

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**FASTENING TOOLS FOR THE PROFESSIONAL**

**EUROPEAN INVENTORY OF EXISTING COMMERCIAL CHEMICAL SUBSTANCES (EINECS):**

All components of this product are listed on EINECS. Any polymer intentionally European Union.

**AUSTRALIAN INVENTORY OF CHEMICAL SUBSTANCES (AICS) AND NATIONAL INDUSTRIAL CHEMICALS NOTIFICATION AND ASSESSMENT SCHEME (NICNAS):**

All components of this product are listed on AICS or otherwise comply with NICNAS.

**JAPANESE HANDBOOK OF EXISTING AND NEW CHEMICAL SUBSTANCES:**

All components of this product are listed in the Handbook or have been approved in Japan by new substance notification.

**16. OTHER INFORMATION**

**MSDS PREPARED BY:**

Tacwise Group Plc.

**REVISION DATE:**

9<sup>th</sup> October 2019

Every attempt has been made to give accurate information, but it is our policy to continually improve our products therefore we reserve the right to withdraw or amend the product specification in any way. Under such circumstances an alternative or substitute product may be offered.