

SAFETY DATA SHEET**1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

PRODUCT NAME: Clear Hot Melt Glue Sticks
MANUFACTURER'S NAME: Tacwise Group Plc
TRADE NAME AND SYNONYMS: Hot Melt Adhesive Clear Glue Sticks

2. COMPOSITION INFORMATION ON INGREDIENTS

CHEMICAL NAME: Ethylene Vinyl Acetate Copolymer (CAS No. 24937-78-8)
Hydrocarbon Saturated Resin (CAS No. 64742-16-1)
CHEMICAL FAMILY: Ethylene Plastics

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 the 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 eyes, 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:****STORAGE:**

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

8. EXPOSURE CONTROL/PERSONAL PROTECTION**EXPOSURE:****VENTILATION:****RESPIRATORY PROTECTION:****RESPIRATOR TYPE:****EYE PROTECTION:****SKIN PROTECTION:****RECOMMENDED DECONTAMINATION FACILITIES:**

TLV & PEL (1989) – Not established
Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should match 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.
If engineering controls do not maintain airborne concentrations to acceptable level, an approved respirator must be worn.
Dust, organic vapour. If respirators are used, a program should be instituted to assure compliance with OSHA Standard 63 FR 1152, January 8, 1998.
Safety goggles should be worn. It is a good industrial hygiene practice to help minimize eye contact.
When material is heated, wear gloves to protect against thermal burns
Eye bath, washing facilities

9. PHYSICAL AND CHEMICAL PROPERTIES**APPEARANCE:****COLOUR:****ODOUR:****SPECIFIC GRAVITY (WATER=1):****VISCOSITY AT AMBIENT TEMPERATURE:****VAPOUR PRESSURE:****SOLUBILITY IN WATER AT AMBIENT TEMP.:****VAPOUR DENSITY (AIR=1):****PH-VALUE:****EVAPORATION RATE:****BOILING POINT:****AUTOIGNITION TEMPERATURE:****FLASH POINT (SETAFLASH CLOSED UP):****LOWER FLAMMABLE LIMIT:****UPPER FLAMMABLE LIMIT:**

Glue stick
Transparent
None (at room temperature)
<1.0
Not applicable
Negligible
Negligible
Not applicable
Not applicable
Not applicable
Not available
Not available
Not applicable
Not applicable
Not applicable

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

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

11. TOXICOLOGICAL INFORMATION

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

AIR:	International Civil Aviation Organization (ICAO)
ICAO STATUS:	Not regulated
SEA:	International Maritime Dangerous Goods (IMDG)
IMDG STATUS:	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 CR 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

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:

8th 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.