FU HONG
MATERIAL SAFETY DATA SHEET

1.CHEMICL PRODUCT AND COMPANY IDENTIFICATION	
Product Name	Hot Melt Adhesives
Product Identification Number(s)	925
Manufacturer/Supplier	FU HONG CHEMICAL CO., LTD.
	No.18 Hsin Tu Road, Chien Chen District
	Kaohsiung,Taiwan
	TEL:886-7-8131235 FAX:886-7-8131286
MSDS Prepared by	FU HONG CHEMICAL CO., LTD.
Chemical Name	not applicable
Synonym(s)	not applicable
Molecular Formula	not applicable
Molecular Weight	not applicable
Usage:	Assembling

2.COMPOSITION INFORMATION ON INGREDIENTS	
	CAS Registry No.
E.V.A. Copolymer	24937-78-8
Hydrocarbon Saturated Resin	64742-16-1
Ester Gum	20633-97-0
Wax	8002-74-2

3.HAZARDS IDENTIFICATION

CAUTION !
POWDERED MATERIAL MAY FORM EXPLOSIVE DUST-AIR MIXTURES
MOLTEN MATERIAL WILL PRODUCE THERMAL BURNS
HMIS Hazard Ratings: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 very 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.

7.HANDLING AND STORAGE

Personal Precautionary Measures: Avoid contact with molten material.
Prevention of Fire and Explosion: 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.

8.EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limits:
ACGIH Threshold Limit Value(TLV): not established
OSHA(USA) Permissible Exposure Limit (PEL,1989 Table Z-1-A values or section-specific standards): not established
Ventilation: Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. Supplementary local exhaust ventilation, closed systems, or respiratory Protection 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 vapor. If respirators are used, a program Should be instituted to assure compliance with OSHA Standard 63 FR 1152, January 8, 1998.
Eye Protection: It is a good industrial hygiene practice to 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):< 1.0	-Viscosity at Ambient Temperature: not applicable
Vapor Pressure: negligible	-Solubility in Water at Ambient Temperature: negligible
Vapor Density (Air=1): 0.93~0.94g/cm3	-pH: not applicable
Evaporation Rate: not applicable	
Boiling Point: not available	-Octanol /Water Partition Coefficient: not applicable
Autoignition Temperature: not available	Flash Point (Setaflash closed cup): 295℃
Sensitivity to Mechanical Impact: not available	-Lower Flammable Limit: not applicable

Sensitivity to Static Discharge: not available -Upper Flammable Limit: not applicable

10.STABILITY AND REACTIVITY

Stability: stable

Incompatibility: Material can react with strong oxidizing agents.
Hazardous Polymerization: will not occur

11.TOXICOLOGICAL INGORMATION

Effects of Exposure:
Inhalation: Low hazard for usual industrial handling or commercial handling by trained personnel.

Eyes: Molten material will produce thermal burns.
Skin : Molten material will produce thermal burns.
Ingestion: Expected to be a low ingestion hazard.
Acute Toxicity Date:

Oral LD-50: not available
Inhalation LC-50: not available
Dermal LD-50: not available

12.ECOLOGICAL INGORMATION

This material has not been tested for environmental effects.

13. DISPOSAL CONSIDERATIONS

Discharge, treatment, or disposal may be subject to national, state, or local lawa. Incinerate.

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.

-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

Reference	Not regulated
Producer	FU HONG CHEMICAL CO., LTD.
MSDS prepared by	Dong Chyi-Shyang
Revision date	03/01/2023

Visit our website at hwahong@hwahong.com.tw or call 886-7-8131235.