

Material Safety Data Sheet

1. CHEMICAL PRODUCTS AND COMPANY IDENTIFICATION

COMPANY NAME: TIANJIN SHENGWANG ELECTRONIC CHEMICAL
BRAND NAME: FREE BIRD ADHESIVES
PLANT PRODUCT NAME: HOT MELT ADHESIVE
SYNONYM NAME: ADHESIVE

2. COMPOSITION /INFORMATION OF INGREDIENTS

Composition	CAS	%
EVA	24937-78-8	30~60
Petroleum Resin	64742-16-1	30~50
Wax	9002-88-4	5~10
Calcium Carbonate	471-34-1	20~40
Total		100%

3. HAZARDOUS IDENTIFICATION

Not Considered as Hazardous

EYE---As supplied: Irritant as a foreign body

SKIN CONTACT—Exposure to hot material may cause thermal hazard

INHALATION---Negligible hazard at ambient temperature, vapor and/or aerosols which may be formed at elevated temperature may be irritating to eyes and respiratory tract.

INGESTION-----No hazard in normal industrial use

4. FIRST AID MEASURES

EYE---If hot, flush with cool water. Treat as wax of resin burn. Do not attempt to remove solidified adhesive. Get medical attention immediately.

SKIN CONTACT---For hot product, immediately immerse in or flush affected area with large amount of cool water to dissipate heat. Cover with clean cotton sheeting and get prompt medical attention

INHALATION---Remove to fresh air. If breathing has stopped, give artificial respiration and get medical attention

5. FIRE CONTROL MEASURES

AUTOIGNITION-----Unknown

FLASH POINT---> 260°C (Cleveland Open Cup)

EXTINGUISHING MEDIA----CO2, dry chemical, foam

SPECIAL FIREFIGHTING PROCEDURES---Firefighters should be equipped with self-contained breathing apparatus to protect against potentially toxic irritating fumes.



FIRE & EXPLOSION HAZARDS---Not applicable
UPPER EXPLOSION LIMIT(%)---Not applicable
LOWER EXPLOSION LIMIT(%)---Not applicable
NFPA FLAMMABILITY HAZARD CLASS---0=

6. SPILL EMERGENCY MEASURES

SPILL & LEAK PROCEDURES---Allow to cool and solidify. Scrape up and collect in suitable container for disposal.

For safety and environmental precautions, please review entire Material Safety Data Sheet for necessary information

7. HANDLING AND STORAGE

STORAGE TEMPERATURE---0—40°C

HANDLING/STORAGE---Store in a cool, dry area

Precaution: this product should only be heated to recommended temperatures. Hazards of pyrolysis products emitted are unknown and may be hazardous to health

VENTILATION REQUIREMENTS---Local, general

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

EYE PROTECTION REQUIREMENTS---Avoid contact with eyes, wear chemical goggles, if there is likelihood contact with eyes.

GLOVE REQUIREMENTS---Thermally resistant gloves should be worn.

CLOTHING REQUIREMENT---Employee must wear appropriate protective clothing and equipment to prevent any possibility of skin contact with this substance.

CHANGE/REMOVE CLOTHING---Not required, unless molten adhesive has been splashed on clothing and passes through fabric.

WASH REQUIREMENTS- -None.

RESPIRATOR REQUIREMENTS---Avoid prolonged or repeated heating of vapor or mists, if exposure may or does exceed occupational exposure limit, used a NIOSH approved respirator to prevent over exposure



9. PHYSICAL AND CHEMICAL PROPERTIES

PURE SUBSTANCE OR MIXTURE- -Mixture

PHYSICAL FORM-----Solid
APPARANCE/ODOR-----Primary color solid, negligible odor
ODOR THRESHOLD-----Not available
PH AS IS-----N/A (not applicable)
PH IN (1%) SOLUTION-----N/A
BOILING POINT-----260°C
MELTING/FREESING POINT-----N/A
SOLUBILITY IN WATER-----Insoluble
PARTITION COEFFICIENT
(N-octanol/water)-----N/A
SPECIFIC GRAVITY (WATER=1)-----0.97
EVAPORATION RATE-----Nil (Water)
VAPOR PRESSURE (mm11g)-----Nil (20°C)
VAPOR DENSITY(air=1)-----Nil
VOLATILE-----Nil
VOLATILE ORGANIC COMPOUNDS--Nil
AUTOIGNITION-----Unknown
FLASH POINT-----> 260°C (Cleveland Open Cup)
OXIDIZING PROPERTIES-----N/A

10. STABILITY AND REACTIVITY

STABILITY-----Stable
NFPA REACTIVITY HAZARD CLASS- 0-Insignificant
HAZARDOUS DECOMPOSITION
PRODUCTS-----Carbon monoxide dioxide

11. TOXICOLOGICAL INFORMATION

CHRONIC (LONG TERM) EFFECTS OF EXPOSURE
ROUTE OF ENTRY-----Skin contact, eye contact.
EFFECTS OF CHRONIC EXPOSURE----The toxicological properties of this product have not been fully evaluated. Use of good industrial hygiene practices is required, Avoid direct contact with skin or eyes, do not ingest or inhale.
TARGET ORGANS-----Not applicable
CARCINOGEN No.

12. ECOLOGICAL INFORMATION

Not available.

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHODS-----Waste disposal should be in accordance with existing federal, state and local environmental regulations.



EMPTY CONTAINER WARNINGS-----Empty containers may contain product residue, follow CSDS and label warnings even after they have been emptied.

14. TRANSPORTATION INFORMATION

	Land transport (ADR/ RID)	Inland waterway (AND)	Sea transport (IMDG)	Air transport (ICAO/IATA)
UN number	Not regulated	Not regulated	Not regulated	Not regulated
UN proper shipping name	Not regulated	Not regulated	Not regulated	Not regulated
Transport hazard class(es)	Not regulated	Not regulated	Not regulated	Not regulated
Packing group	Not regulated	Not regulated	Not regulated	Not regulated
Environmental hazards	No	No	No	No
Special precautions for user	See section 2.2	See section 2.2	See section 2.2	See section 2.2
Transport in bulk according to Annex II of Marpol and IBC code	Not regulated	Not regulated	Not regulated	Not regulated

15. REGULATORY INFORMATION

FDA-----21CFR175.105

16. OTHER INFORMATION

ISSUE DATE-----January 01, 2026

CONTACT INFORMATION-----

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ADDITIONAL INFORMATION

The information given and the recommendations made herewith apply to our product(s) along and are not combined with other product(s). Such are based on our research and on data from other reliable sources and are believed to be accurate. No guaranty of accuracy is made. It is the purchaser's responsibility before using any product to verify this data under their own operating conditions and to determine whether the product is suitable for their purposes.

