

FHD Contact Adhesive

I. Chemical product name & company information

Chemical product name: Contact Adhesive

Alias: Contact adhesive

Effective date: 5th, January, 2023

Company: Guangdong Taiqiang New Material Technology Co., Ltd

Address: Yinghong Avenue North No 3, Yinghong Industrial Zone, Yinghong Town, Yingde City, Guangdong province.

Emergency telephone of National Administration of Work Safety Inspection: 0532-83889090

Recommended Applications: Applied in furniture, automobile, insulation, air conditioning, cabinets, bags, electronics, packaging and other manufacturing industries of cotton, wood, cloth, leather, insulation cotton, paper and other materials.

Restricted Use: Not suitable for oil leather, shaping sea cotton, metal materials and other bonding.

II. Hazards identification

Emergency overview: Heavy inhalation or ingestion can inhibit the central nervous system, and extremely high concentrations may cause a loss of consciousness.

GHS classification: Flammable liquids (category 3), skin corrosion/irritation (category 2), severe eye injury/eye irritation (category 2 A), skin sensitization (category 1), Germ-cell mutagenicity (category 1B), carcinogenicity (category 2), specific target organ toxicity primary exposure (category 1), specific target organ toxicity-repeated exposure (category 1), aquatic organisms-chronic toxicity (category 2).

GHS hazard statement:

H226 flammable liquids and steam

H315 causes skin irritation

H317 may cause skin allergic reactions

H319 causes severe eye irritation

H340 may cause a heritable defect

H351 suspected carcinogenic

H370 causes damage to the organs

H372 long-term or repeated exposure can cause harm to the organs

H411 toxic to aquatic organisms and has long-term and sustained effects

GHS signal word: dangerous

GHS label pictogram:



Precautions:

Preventive Measures

Do not use in areas without proper ventilation.

Wear appropriate personal protective equipment and avoid direct contact.

Keep from open fire, heat sources and **DO NOT SMOKE**.

Do not store and transport together with oxidants.

Handle with caution, prevent packaging and container rupture.

Ensure access to fire fighting equipment and emergency treatment facilities at all times.

Accident Response:

Skin contact: Remove all contaminated clothes immediately and rinse the skin thoroughly with plenty of cold running water.

Inhalation: Immediately evacuate the site and seek fresh air. Rest and keep warm. In severe cases seek immediate medical attention.

Ingestion: Drink plenty of warm water to induce vomiting. Seek immediate medical attention.

Spillage: Dispose of spilt material immediately.

Fire: Extinguish using dry powder, foam, carbon dioxide or sand. Safe storage: Store in a cool, dry, well-ventilated place and keep away from fire and heat sources.

Waste disposal: According to the relevant laws and regulations, the storage of waste should meet the local safety and environmental protection requirements, and be disposed of at a facility with relevant qualifications for incineration treatment.

III . Ingredients information

Invasion route: inhalation, feeding, and absorption through the skin.

Health hazards: Heavy inhalation or ingestion can inhibit the central nervous system, and

extremely high concentrations may cause a loss of consciousness.

Environmental hazard: direct discarding may cause pollution to water,

atmosphere and soil.

Burst hazard: this product is flammable, irritating and allergenic.

Component classification: pure (x) mixture (√)

Ingredients information:

Serial No.	ingredient	CAS NO	Percentage %
1	chloroprene rubber	9010-98-4	13-17
2	Phenolicresin	9003-35-4	10-14
3	cyclohexane	110-82-7	28-38
4	Ethyl acetate	79-20-9	32-42
5	Othermaterials	none	5-9

IV. First Aid Measures

Skin contact: Remove all contaminated clothes immediately and rinse the skin thoroughly with plenty of cold running water.

Eye contact: Lift the eyelid and rinse the eye thoroughly with plenty of cold running water. Seek immediate medical attention.

Inhalation: Immediately evacuate the site and seek fresh air. Rest and keep warm. In severe cases of dyspnea oxygen may be required. seek immediate medical attention.

Ingestion: Drink plenty of warm water to induce vomiting. Seek immediate medical attention.

Tips for first emergency personnel: Wear masks, gloves and protective clothing.

Tips for physicians: Solvent based adhesive.

V .Fire Fighting Measures

Highly Flammable: Keep away from heat sources and open flames.

Harmful combustible products: carbon dioxide, carbon monoxide.

Fire extinguishing method: use fire extinguishing agent to quickly block oxygen.

Fire extinguishing agent: Foam, carbon dioxide, dry powder and sand.

Special fire fighting requirements: Do not use water to extinguish fire, extinguish fire at safe distance and from a safe distance; remove container from fire site under safe conditions.

VI. Accidental Release Measures

Protective measures for operators: Wear protective clothing, masks, rubber gloves, etc.

Emergency processing:

1, evacuate people at accident site to a safe place. Keep unnecessary people away from the accident site.

2, Safely reduce further leakage

3, Cut off all sources of leakage as much as possible

4, Maintain ventilation and oxygen exchange in the area

5, Avoid ingress into sewer, drain and restricted spaces to prevent further pollution

Leakage treatment method: Seal the leakage point with dry sand or felt, then mix the leakage with dry sand and load the material with a plastic spade. Transport to the nearest hazardous waste disposal site;

Preventive measures to secondary hazards:

Use sand or non flammable adsorbent to mix with small quantities of leakage, then ship to the nearest waste treatment site. Use plenty of water to wash the site, put the diluted leakage into the waste water system.

VII. Handling and Storage.

Operating methods:

1. Ensure adequate ventilation at all times.

2. Thoroughly clean both surfaces to be bonded ensuring there is no oil, dirt or moisture.

3. Apply a thin, even layer of adhesive to both surfaces with a notched scraper.

4. Allow glue to dry for 5-15 minutes until touch dry.

5. Bond items in the order of time the adhesive was applied. Press both surfaces together with even, firm pressure. Remember that contact adhesive bonds instantly and adjustments are impossible.

6. After use thoroughly clean the spray gun nozzle and components with thinners.

FHD Contact Adhesive

Notes for the operation site:

1. Open doors and windows to ensure good ventilation in the construction site
2. Work away from fire and avoid static (especially in autumn and winter). Smoking is strictly prohibited in the workplace
3. Strictly follow these good work practices. Wear good quality personal protective clothing and handle product with care to prevent damage to the container;
4. Persons suffering from neurological diseases, anemia and liver disease must avoid working with this product. Pregnant and lactating women should not be engaged in contact operation of this product. Keep away from children.

Shelf life:

The shelf life is 12 months at the normal room temperature (25°C). After shelf life and if the glue has not deteriorated, it can still be used. Test a sample first.
Storage conditions: Store indoors in the sealed container out of direct sunlight.

Safety technical measures:

1. Avoid freezing
2. In order to prevent surface skin on the adhesive please seal tightly after use
3. Store in a well ventilated area. Keep away from heat, fire and static electricity
4. Store away from children and pets

Packaging material information: Metal can and lid.

VIII. Exposure Controls and Personal Protection

MAC in China (mg / m³): no data is available

Engineering control method: The construction site requires good ventilation, open the doors and windows or start the ventilation system.

Respiratory system protection: Wear a protective mask.

Hand protection: Wear protective plastic gloves.

Skin and body protection: Personal protective equipment, such as protective clothing, protective cap, etc. should be worn when operating this product.

Special protective measures: Smoking is strictly prohibited at the work site. Avoid alcohol when working. Shower and change clothes after work.

IX. Physical and Chemical Properties

Appearance and properties: Transparent or yellow thick liquid PH value: I

Smell: Slightly pungent odor Vapor pressure (kpa): I

Melting point: I Relative density (glcm³): ≥ 0.797

Boiling point: (°C) >35 Relative vapor density: I

Flash point(°C): <27(closed cup) Explosion limit % N IV): I

Ignition point: (°C): 2 Lower explosive limit% (V.N): no data

Solubility: Insoluble in water, soluble in most organic solvents such as esters, ketones, alcohols, benzene, etc.

Octanol/water partition coefficient logarithmic value

X .Stability and Reactivity

Should avoid conditions: Static electricity, open flame, high heat.

Insoluble substances: It is forbidden to match with aluminium, sodium, potassium, oxidant, strong acid, strong alkali and other substances.

Dangerous decomposition products: carbon dioxide, carbon monoxide, etc.

XI. Toxicological information

Acute toxicity: Inhalation: exposure to high concentrations of steam can inhibit the central nervous system, causing headaches, nausea, vomiting and even loss of consciousness and death

Skin irritation: Slight irritation to the skin may appear, itching or swelling.

Eye irritation: Slight irritation to the eyes may occur.

Inhalation hazards: Irritation to the nose, throat, and respiratory organs.

Sensitization: No data

Germ-cell mutability: No data

Carcinogenicity: Not carcinogenic

Genotoxicity: No data

XII. Ecological information

The environmental impact and ecological toxicity: Could cause pollution to air or water.

Durability and degradability: Volatile components can be photolyzed and steam

residues can be slowly oxidized by organisms and microorganisms.

The transference in the soil: Could be transference in the soil, and pollute the water area.

XIII. Disposal Considerations

Waste properties : (√)Hazardous wastes (X) General waste

Waste disposal method :

1. In appropriate containers and ship to legitimate collection sites
2. Incinerate in accordance with the local regulations
3. In accordance with the laws and regulations processing

Attentions : Dispose by responsible person and create the documentation of disposal

XIV .Transport information

UN No: 1133

Main danger: Class 3 dangerous cargo-flammable liquid, marine pollutant

Official shipping name: Adhesive

Package group: III

Packing : Metal can and lid

Transport attentions: Transport vehicles shall be equipped with the appropriate type and quantity of fire-fighting equipment

The exhaust pipe of the vehicle carrying the item must be equipped with a fire resistant device

It is forbidden to use machinery, equipment and tools that are easy to generate sparks

Do not transport with oxidant

Summer transportation, prevent exposure to the sun

Transport vehicles should avoid fire and heat sources

XV. Regulatory information

Regulatory information : (Chemical classification, warning labels and standard for safety) GB20581-2006

(Chemical safety specifications writing rules) (GB16483-2008)

(Chemical safety label writing rules) (GB15258-2009)

(Safety production regulation)

(Hazardous chemical materials safety management regulations)

(The measures for the administration of the registration of dangerous chemicals)

XVI, Other information

Reference documents:

(Chemical product Safety Data Sheet Instructions) G B/T 17519-201

(Code for classification and labeling of chemicals-Part 7: flammable liquids), GB 30000.7-2013

(The National Occupational Health Standards of the People's Republic of China), GBZ 2.1-2019

(Regulations on the Safety Administration of Hazardous Chemicals) (Order No.S91 of The State Council)

(Test Report of Safety Production Technology Center of Guangdong Province) (Report No.: GTCWS-WHP-20210523)

(Content and Project Order of Chemical Safety Technical Specification) (GB I T16483-2008)

Reader's note

The above data is based on existing knowledge and experience. This security data only describes the safety criteria of the product, and such data is not a guarantee of the nature of the product. Important Statement: Users shall always take the necessary measures to comply with the relevant local laws and regulations. The information contained in this data specification is not exhaustive in accordance with our existing knowledge and current laws. We cannot control the quality or use of the product substrate, or other factors affecting the use of the product. If any person uses the product for purposes other than clearly recommended in the data specification, it has not obtained written confirmation from us, and any loss and damage will be borne by us. It is recommended that you request and read this document carefully.

We will continue to improve according to our experience and regulations. Users have the responsibility to confirm whether this data sheet is the latest version provided by us.

Revised date: April 24, 2025