MSDS

Safety Data Sheet

（MSDS）

Samples Name： Vacuum Membrane Press Adhesive

Model: /

Entrust the applicant: Shanghai Angmi New Material Co., Ltd.

Address: 903 Yuntong Building, 3285 Shengxin Road, Shanghai, China

Summary: According to customer's requirements, the content and format of this chemical safety technical specification are compiled according to GB/T 17519-2013 Guidelines for the Preparation of Chemical Safety Technical Specifications.

Remarks: This chemical safety technical specification is compiled according to the information provided by customers.。

APPROVED BY:

Technology Manager

SHENZHEN HUIPU TESTING TECHNOLOGY CO., LTD. 深圳市汇普检测技术有限公司 报告专用章 REPORT STAMP ONLY

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MSDS

SECTION 1: Identification of the substance/mixture and of the company/undertaking

Samples Name： Vacuum Membrane Press Adhesive

Manufacturer： Shanghai Angmi New Material Co., Ltd.

Address: 903 Yuntong Building, 3285 Shengxin Road, Shanghai, China

Contact: Ms. Emily

Emergency telephone number: +86-13681945604

Email: emily.gu@angmigroup.com

Recommended and restricted uses of chemicals: Industrial raw materials. inedible。

Section 2 - Hazards Identification

2.1 GHS- Classification

Fatalness grade:

Chemicals are classified according to GB/T 17519-2013.

According to GB/T 17519-2013, this product is not dangerous.

Labeling elements, including precautionary statements, products do not need to be labeled according to relevant regulations of GB/T 17519-2013 or relevant national laws.

Pictograms: Do not use pictograms.

Signal words: Do not use signal words.

Danger declaration: no danger declaration.

Waste disposal: the contents/containers shall be disposed according to local/regional/national/international regulations.

Invasion route: inhalation, ingestion

Health hazards: No data available.

Environmental hazards: No data.

Danger of explosion: This product has no danger of explosion.

Section 3 –Composition/Information on Ingredients

Substances

Mixtures■

chemical composition：

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Chemical Name	CAS No.	omposition （in% by weight）
Ethylene-vinyl acetate copolymer	55	24937-78-8
Polyurethane emulsion	45	26680-22-8

Section 4 - First Aid Measures

4.1 Essentials of emergency measures

General instructions: Immediately remove the clothes stained with the product.

Inhalation: Provide fresh air and ensure that a doctor is called.

If the patient is not clear, please let them lie on their side for easy movement.

Skin contact: Immediately rinse thoroughly with water and soap.

Eye contact: Open your eyes and rinse under running water for several minutes. If the symptoms continue, consult a doctor.

Ingestion: If symptoms persist, consult a doctor.

4.2 Most important acute and chronic symptoms and their effects: No detailed information available.

4.3 Symptoms that require timely medical treatment and special treatment: No detailed information available。

Section 5 - Fire Fighting Measures

5.1 Fire extinguishing agents

Suitable fire extinguishing agent: Use fire extinguishing measures suitable for the surrounding environment.

5.2 Special hazards of substances or mixtures: No detailed information available.

5.3 Information for firefighters

Protective equipment: No special measures required。

Section 6 –Accidental Release Measures

6.1 Personal protective measures, protective equipment, and emergency response procedures: No requirements.

6.2 Environmental protection measures: Do not let the product come into contact with the sewage system or any water source. If it seeps into the water source or sewage system, please notify the relevant authorities. Dilute with a large amount of water. Do not allow it to enter the sewer/water surface or groundwater.

6.3 Methods and materials for containment and removal of leaks:

Absorb liquid bonding materials (sand particles, diatomaceous earth, acidic adhesives, universal adhesives, sawdust).

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Dispose of contaminated materials according to Section 13.

Ensure that there is sufficient ventilation.

6.4 Refer to other parts:

Please refer to Section 7 for information on safe handling.

For information on personal protective equipment, see Section 8.

Please refer to Section 13 for information on disposal

Section 7 - Handling and Storage

7.1 Preventive measures for safe operation and disposal: Ensure that the workplace has good ventilation/exhaust devices. Prevent the formation of aerosols. Please refer to Section 8 for general occupational health measures.

Information on fire and explosion prevention: No special measures are required.

7.2 Safe storage conditions, including any incompatibilities

Requirements to be met for storage and containers: There are no special requirements.

Information about storage in shared storage facilities: The storage area must be kept away from food. The storage area must be kept away from water sources.

More information about storage conditions: Seal the container.

7.3 Specific end use: No detailed information available。

Section 8 - Exposure Controls, Personal Protection

8.1. Control parameters

Ingredients that require limit monitoring in the workplace: Not applicable

Regulatory Information AGW (D): TRGS 900
Derivative concentration value without impact：No detailed information available

Estimated concentration values with no significant impact :No relevant detailed information
Additional information: A valid list during the production period will be used as a basis.
8.2 Exposure Control Based on the ingredient information listed in Part 3, it is recommended to adopt the following safety measures in occupational exposure control
Appropriate technical control: stay away from food, beverages, and feed. Immediately remove all unclean and contaminated clothing. Please clean your hands before rest and after work. Avoid contact with eyes and skin. Please refer to Part 7 for information on technical facility design.
Personal protective measures, such as personal protective equipment
Respiratory system protection:
(Continued from page 3)
If you have had brief contact or in low pollution situations, please use a respiratory filtration device. If you have been in deep or prolonged contact, please use a separate respiratory protective device.
Hand protection:

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Protective gloves

The material of gloves must be impermeable and resistant to the product/substance/additive. Due to the lack of testing, no recommendations for glove materials will be provided for products/formulations/chemical mixtures. When selecting glove materials, please pay attention to the penetration time, filtration rate, and degradation parameters of the material.

Glove material:

Choosing the right glove not only depends on the material, but also on the quality characteristics and which manufacturer it comes from. Because this product is made of many materials, the resistance of the glove material is unpredictable, so it must be checked before use.

Time of penetration of glove material: Please obtain accurate rupture time from the manufacturer of labor protection gloves and observe the actual rupture time.

Eye/face protection:  Sealed goggles

Skin and body protection: Protective work clothes

Thermal hazard: Not required under normal use.

Environmental exposure control: Control measures must comply with environmental protection regulations.

Section 9 - Physical and Chemical Properties

9.1 Information about basic physical and chemical characteristics

Appearance: Viscous liquid

Color: white

Odor: Have a slight smell

Melting point/freezing point： No detailed information available

Boiling point or initial boiling point and boiling range： No detailed information available

Flammability： No detailed information available

Explosion limit

Lower limit： No relevant detailed information available

Upper limit ： No relevant detailed information.

Flash point： No relevant detailed information

Self-ignition temperature ： No detailed information available

Decomposition temperature： No detailed information available

pH value： No detailed information available

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Viscosity： No detailed information available

Kinematic viscosity： No detailed information available

Dynamic viscosity： No detailed information available

Water solubility： No detailed information available

N-octanol/water partition coefficient (logarithmic value)： No detailed information available

Vapor pressure： No detailed information available

Density/relative density： No detailed information available

Density： No detailed information available

Relative density： No detailed information available

Relative vapor density： No detailed information available

Particle characteristics： No detailed information available

Section 10 - Stability and Reactivity

10.1 Reactivity: No detailed information available.

10.2 chemical stability: No relevant details.

10.3 Possibility of hazardous reactions: There are no known hazardous reactions.

10.4 Conditions to avoid: No relevant detailed information available.

10.5 Incompatible substances: No detailed information available.

10.6 Hazardous decomposition products: Unknown hazardous decomposition products。

Section 11 - Toxicological Information

11.1 According to GB/T 17519-2013

Acute toxicity：According to existing data, it does not meet the classification criteria.

Skin corrosion/irritation: According to existing data, it does not meet the classification criteria.

Serious eye damage/eye irritation: According to existing data, it does not meet the classification criteria.

Respiratory or skin allergies: According to existing data, it does not meet the classification criteria.

germ cell mutagenicity: According to existing data, it does not meet the classification criteria.

Carcinogenicity: According to existing data, it does not meet the classification criteria.

reproductive toxicity: according to the available data, the classification criteria are not met.

Specific target organ systemic toxicity - single exposure: According to existing data, it does not meet the classification criteria.

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Specific target organ systemic toxicity - repeated exposure: Based on existing data, does not meet classification criteria.

Inhalation hazard: According to existing data, it does not meet the classification criteria.

11.2 Information on other hazards

Endocrine disrupting properties: No detailed information available.

Other information:No known other relevant information on adverse health effects.

Section 12 - Ecological Information

12.1 Ecological toxicity

Aquatic toxicity: No detailed information available.

12.2 Persistence and degradability: No detailed information available.

12.3 Potential bioaccumulation: No detailed information available.

12.4 Soil mobility: No detailed information available.

12.5 PBT (persistent, bioaccumulative, and toxic substances) and vPvB (highly persistent and bioaccumulative substances) evaluation results

PBT (persistent, bioaccumulative, and toxic substances): Not applicable

vPvB (high persistence and high bioaccumulation substances): Not applicable

12.6 Endocrine disrupting properties: This product does not contain substances with endocrine disrupting properties.

12.7 Other side effects: No detailed information available.

Section 13 - Disposal Considerations

13.1 Waste disposal methods

Suggestion: Do not dispose of this product together with household waste. Do not let the product come into contact with the sewage system.

Contaminated containers and packaging:

Suggestion: It must be discarded according to official regulations.

Section 14 - Transport Information

14.1 United Nations dangerous goods number (Horn UN) ： No Data

ADR/RID/ADN, IMDG, IATA Unclassified

14.2 UNAppropriate shipping name

ADR/RID/ADN : Unclassified

14.3 Transportation hazard grade

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ADR/RID/ADN, IMDG, IATA :	Unclassified
Level:	Unclassified
14.4 PACKING GROUP	
ADR/RID/ADN, IMDG, IATA :	Unclassified
14.5 Environmental hazards:	No relevant details available.
Marine pollutants:	No relevant details available.
Special marking (ADR/RID/ADN):	No relevant details available.
Special marking (IATA):	No relevant details available.
14.6 Special precautions for users :	No relevant details available.
Danger coding:	No relevant details available.
EMSnumber:	No relevant details available.
Stowage Category :	No relevant details available.

Section 15 - Regulatory Information

15.1Other provisions of relevant safety, health and environmental laws and regulations for substances or mixtures

Comply with the following regulatory requirements.

Regulations on the Safety Administration of Hazardous Chemicals Decree of The State Council No. 591.

GB/T16483 Chemical safety technical specification content and project sequence.

GB13690 General Principles of chemical classification and hazard formula.

GB 30000.2-29 Specification for classification and labelling of chemicals.

GB15258 Chemical safety label preparation regulations.

All components are listed in the China Existing List of Chemical Substances (IECSC), either exempted or confirmed by the supplier.

Section 16 - Additional Information

The above information is based on the data of which we are aware and is believed to be correct as of the data hereof. Since this information may be applied under conditions beyond our control and with which may be unfamiliar and since data made available subsequent to the data hereof may suggest modifications of the information, we do not assume any responsibility for the results of its use. This information is furnished upon condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose.

********* **End of MSDS**********

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