MSDS

Safety Data Sheet

(MSDS)

Samples Name： Anaerobic glue

Model: L243

Entrust the applicant: Ningbo Ruicheng Automobile Co.,Ltd

Address: No.16 ZhuYun Line, Yunshan Industrial Zone, Sanqishi Town, Yuyao City, Zhejiang Province

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 HPT 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： Anaerobic glue

Manufacturer： Ningbo Ruicheng Automobile Co.,Ltd

Address: No.16 ZhuYun Line, Yunshan Industrial Zone, Sanqishi Town, Yuyao City, Zhejiang Province

Contact: Wang Yun

Emergency telephone number: 13777171643

Email: yun.wang@simingglobal.com

Recommended and restricted uses of chemicals: Industrial adhesives

Section 2 - Hazards Identification

2.1 GHS- Classification

Fatalness grade:

Skin corrosion/irritation category 2

GHS label elements, including precautionary statements:



Pictogram(s)：

Signal word：Warning

Hazard statement(s):

H315 causes skin irritation.

Precautionary statement(s)

Prevention:

P264 Thoroughly clean after operation.

P280 Wear protective gloves/clothes/goggles/masks.

P261 Avoid inhaling dust/smoke/gas/smoke/vapor/spray.

P272 Contaminated work clothes shall not be taken out of the workplace.

Response：

P302+P352 If on skin: Rinse thoroughly with water.

P321 specific treatment (see... on this label).

P332+P313 If skin irritation occurs: seek medical attention.

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P362+P364 Remove contaminated clothing and wash before reuse

P333+P313 If skin irritation or rash occurs: seek medical attention.

P305+P351+P338 If it enters the eyes: Rinse carefully with water for a few minutes. If you wear contact lenses and can easily remove them, take out the contact lenses. Continue rinsing.

P337+P313 If eye irritation persists: seek medical attention.

P391 Collect spillage.

Storage：

P403+P233 Store in a well-ventilated place.

Disposal：

P501 Dispose of contents/container to ...

Invasion route:. Inhalation, ingestion, percutaneous absorption.

Health hazards: Causing skin irritation.

Environment hazards: No data

Burn & burst danger: This product has no danger of explosion.

Section 3 –Composition/Information on Ingredients

Substances

Mixtures■

chemical composition：

Chemical Name	CAS No.	omposition (in% by weight)
Polyethylene glycol dimethacrylate	25852-47-5	65
Polyethylene glycol oleate	9004- 96-0	30
0-sulfonylbenzoimide	81-07-2	1
Propylene glycol	57- 55-6	3
Amorphous fumed silica	112945-52-5	1

Section 4 - First Aid Measures

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4.1 Description of necessary first aid measures

General advice：Consult a doctor. Present this safety manual to the doctor on site.

Suction：If inhaled, remove the patient to fresh air. If breathing stops, give artificial respiration. Consult a doctor.

Skin contact：Rinse with soap and plenty of water. Consult a doctor.

Eye contact：Rinse thoroughly with plenty of water for at least 15 minutes and consult a doctor.

Ingestion：Vomiting is prohibited. Do not orally feed anything to an unconscious person. Rinse your mouth with water. Consult a doctor.

4.2 Main Symptoms and Effects：No relevant data available.

4.3 Timely medical treatment and instructions for necessary special treatments： No relevant information available.

Section 5 - Fire Fighting Measures

5.1 Fire extinguishing medium

Fire extinguishing method and extinguishing agent

Extinguish fires with water mist, ethanol resistant foam, dry powder or carbon dioxide.

5.2 Particular hazards arising from this substance or mixture

Carbon oxide, nitrogen oxide

5.3 Advice to firefighters

If necessary, wear self-contained breathing apparatus to fight the fire.

5.4 Further Information

Cool unopened containers with water spray.

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).

Dispose of contaminated materials according to Section 13.

Ensure that there is sufficient ventilation.

6.4 Refer to other parts:

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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 Precautions: Provide adequate exhaust air. Operators must be specially trained and strictly abide by the operating procedures. Avoid eye and skin contact and avoid inhaling steam. It is recommended that operators wear masks, overalls, and gloves. Keep away from fire and heat. No smoking in the workplace. Avoid generating dust. Use explosion-proof ventilation systems and equipment. Avoid contact with oxidants, acids, bases and halogens. Equipped with the corresponding variety and quantity of fire equipment and leakage emergency treatment equipment. Empty containers may have harmful residues.

7.2 Storage precautions: Store in a cool and ventilated warehouse. The storage temperature should not exceed 37°C. Keep away from fire and heat. It should be stored separately from oxidizers, acids, bases, halogens, etc., and should not be mixed. Equipped with the corresponding variety and quantity of fire equipment. The storage area should be equipped with leak emergency treatment equipment and suitable containment materials.

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: No relevant detailed information

Regulatory Information AGW (D): TRGS 900
Derived non-influential concentration value: No relevant detailed information
Estimated non-significant influence concentration value: 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: liquid

Color: red

Odor: Weak odor

Odor threshold： No detailed information available

Melting point/freezing point： No detailed information available

Boiling point or initial boiling point and boiling range： No relevant 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

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Decomposition temperature： No detailed information available

pH value： No detailed information available

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 Information on toxicological effects

Acute toxicity：No detailed information available.

Skin corrosion/irritation: Cause skin irritation

Serious eye damage/eye irritation: No detailed information available.

Respiratory or skin allergies: No detailed information available.

germ cell mutagenicity: No detailed information available.

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

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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.

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:

13.2 Suggestion: It must be discarded according to official regulations.

Section 14 - Transport Information

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14.1 United Nations dangerous goods number (Horn UN) ：

ADR/RID/ADN, IMDG, IATA Unclassified

14.2 UNAppropriate shipping name
ADR/RID/ADN : Unclassified
14.3 Transportation hazard grade
ADR/RID/ADN, IMDG, IATA : Unclassified
rank： Unclassified

14.4 PACKING GROUP
ADR/RID/ADN, IMDG, IATA : No relevant details available.
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

15.1 Other 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

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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.

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