



MATERIAL SAFETY DATA SHEET

Hallmark Floors Phenolic Resin Glue

PRODUCT CODE: 9003-35-4
VERSION: 03

SECTION 1 - IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

Product details

Trade name: Phenolic resin glue

Identification of the manufacturer/Supplier Address

38-77-6 Zhongchang Village , Zhongchang Street, Jinzhou District, Dalian city .116100
Telephone No : 0411-87138160
Fax No: 0411-87138160

Use

Plywood and other wood products and so on

SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients

Phenolic Resin	CAS no. 9003-35-4	Concentration: 45.2%-45.8%
Water	CAS no. 7732-18-5	Concentration: 37.2%-37.8%
Free phenol		Concentration: 0.2%-0.4%
Free formaldehyde		Concentration: 0.1%-0.3%
Bromophenol		Concentration: 10.8%-11.2%
Alkalinity NaOH		Concentration: 5.4%-5.6%

SECTION 3 - HAZARDS POSSIBILITIES

Hazard symbols

III Irritant

May cause sensitization by skin contact.

Harmful to respiratory organisms, may cause long-term adverse effects in the respiratory organisms.



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SECTION 4 – FIRST AID MEASURES

General Information

Seek medical advice immediately.

Inhalation

Ensure supply of fresh air. In the event of symptoms take medical treatment.

Ingestion

Rinse mouth thoroughly and then drink plenty of warm water. Induce vomiting. Seek medical advice.

Skin

Wash skin immediately with soap and water

Eyes

Separate eyelids, wash the eyes thoroughly with water. In case of contact with eyes, rinse thoroughly with plenty of water and seek medical advice.

Other information

SECTION 5 – FIRE FIGHTING MEASURES

Suitable extinguishing media

Water; adapt fire extinguishing measures to surrounding areas.

Special exposure hazards arising from the substance or preparation itself, its combustion products or from resulting gases.

None known

Special protective equipment for fire-fighting

In case of combustion use a suitable breathing apparatus.

Other information

Fire residues and contaminated fire-fighting water must be disposed of in accordance with the local regulations.



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SECTION 6 - ACCIDENTAL RELEASE MEASURES

Personal precautions

Remove persons to safety. Keep away sources of ignition.

Environmental precautions

Cover drains. In case the product spills into sewage waters, immediately inform the authorities.

Methods for cleaning up/taking up

Pick up with absorbent material. Clean contaminated surfaces thoroughly with water. Dispose of absorbed material in accordance with the regulations.

Additional informations

Information regarding Safe handling, see Chapter 7.

SECTION 7 - HANDLING AND STORAGE

Handling

Advice on safe handling

Use only in well-ventilated areas.

Advice on protection against fire and explosion

The product is not combustible. Substance/product is self-extinguishing but can burn together with flammable materials.

Use

Plywood and other wood products and so on

Storage

Further information on storage conditions. -Sensitive to frost – Keep container in a cool, well-ventilated place. Protect from extreme heat and cold. Recommended storage temperature: 10-25 Celsius Degree.



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SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Additional hints on technical system design.

See chapter 7; no measures exceeding the ones mentioned are necessary.

Ingredients with occupational exposure limits to be mentioned

None

Personal protective equipment

Hand protection

In case of intensive contact wear protective gloves.

Appropriate Material: Natural Latex

Inappropriate material: Leather

Eye protection

Safety glasses with side protection shield

Skin protection

Clothing as usual in the chemical industry.

General protective and hygiene measures

Do not eat, drink or smoke during work time.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Form: Liquid

Safety data

Density

Value 1.18-1.2 g/cm³

Method DIN 53217

Reference temperature 25° C

Viscosity

Value 100-120cp 30 second

Reference temperature 25° C

Solid content percent: 42.3%

Solid time: 25-30s/mm

PH value: 10-11



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SECTION 10 - STABILITY & REACTIVITY

Conditions to avoid

Protect from extreme heat and cold.

Materials to avoid

Reactions with strong oxidizing agents.

Other information

Stable under recommended storage and handling conditions.

SECTION 11 - TOXICOLOGICAL INFORMATION

Other information

By appropriate use of the product no health damage is known.

SECTION 12 - ECOLOGICAL INFORMATION

General information/ecology

Ecological data are not available. Do not allow product to reach the drainage.

SECTION 13 - DISPOSAL CONSIDERATIONS

Product

For recycling, consult manufacturer

Uncontaminated packaging

Completely emptied packagings can be given for recycling.

SECTION 14 - TRANSPORT INFORMATION

Land transport

Remarks non-dangerous goods

Marine transport

Remarks the product does not constitute a hazardous substance in sea transport.

Air transport

Remarks the product does not constitute a hazardous substance in air transport.



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SECTION 15 - REGULATORY INFORMATION

Labelling

The label is with III liquid remarks.

Hazard symbols.

III Irritant

National regulations

Chemical Goods Safety Management Regulations(issued by State Council on 2/17/1987).
Regulation about using chemical in industrial area (issued by Department of Labor No 423).

SECTION 16 - OTHER INFORMATION

None

Department issuing safety data sheet

This information is based on our present state of knowledge. However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship.