

Address: Jinguai Road, Laojun Town, Hantai District
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Web: www.hz-adhesivepowder.com



Hanzhong First Adhesive Co.,Ltd

Material Safety Data Sheet

*According to Regulation (EU) No. 1907/2006 (REACH), Annex II
(COMMISSION REGULATION (EU) No 453/2010)*

Version:1.0/EN

Revision date: Jan. 10, 2021

Product name: Re-dispersible Emulsion Powder

Printing date:

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

1.1 Product identifier

Product name: Re-dispersible Emulsion Powder

REACH Reg. No.: No registration number is given.

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses: Industrial. Binder for: Building materials , plasters.

***Uses advised against:** No information available.

1.3 Details of the supplier of the SDS

Manufacturer: Hanzhong First Adhesive Co.,Ltd

Address: Jinguai Road, Laojun Town, Hantai District, Hanzhong, China

Postal code: 723000

E-mail: sales1@xutai1998.com

Telephone: 86-29-87817996

Fax: 86-29-87983331

Importer:

Address:

Postcode:

E-mail:

Telephone:

Fax:

1.4 Emergency telephone number

+86-15877325253

Section 2: Hazards identification

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2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008[CLP]

This product is not classified as hazardous.

Classification according to Directive 67/548/EEC[DSD] or Directive 1999/45/EC[DPD]

This product is not classified as hazardous.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008 [CLP]

*Hazard pictogram(s): No pictogram is used.

Signal word: No signal word is used.

Hazard statements: No hazard statement.

Precautionary statements: No precautionary statement.

Supplemental Hazard information (EUH):

No information available.

Special rules for supplemental label elements for certain mixtures:

No information available.

2.3 Other hazards

No information available.

Section 3: Composition/information on ingredients

3.1 Substance/Preparation information

Ingredients information:

<i>Ingredient name</i>	<i>CAS No.</i>	<i>*Classification under DSD</i>	<i>Classification under CLP</i>	<i>% (w/w)</i>
Copolymerized with VAC/VAE	24937-78-8	Not classified.	Not classified.	75%

Remark: The Re-dispersible Emulsion Powder is neither substance nor mixture but a finished product. It has no risk to life and health under normal use or transportation.

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Section 4: First aid measures

4.1 Description of first aid measures

General notes: Under ordinary workplace conditions: No special measures required.

Following inhalation: Provide fresh air.

Following skin contact: Wash with plenty of water or water and soap

Following eye contact:

Rinse immediately with plenty of water. Seek medical advice in case of continuous irritation.

Following ingestion:

If conscious, give several small portions of water to drink. Do not induce vomiting.

In cases of sickness seek medical advice (show label if possible).

4.2 Indication of the immediate medical attention and special treatment needed

Due to its physical properties, may cause mechanical irritation. Product may agglutinate in the gastro-intestinal tract. Medical assistance should be sought. Depending on the symptoms, invasive measures may be necessary.

Section 5: Fire-fighting measures

5.1 Extinguishing media

Suitable extinguishing media:

water spray, water mist, extinguishing powder, foam, carbon dioxide.

Unsuitable extinguishing media:

water jet.

5.2 Special hazards arising from the substance or mixture

At low oxygen level: acetic acid.

5.3 Advice for fire-fighters

Use respiratory protection independent of recirculated air.

Section 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

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Avoid dust formation. Do not breathe dust.

6.2 Environmental precautions

Cover any spilled material in accordance with regulations to prevent dispersal by wind.

6.3 Methods and material for containment and cleaning up

Take up mechanically and dispose of according to local/state/federal regulations.

6.4 Reference to other sections

Eliminate all sources of ignition. Observe notes under section 7.

Section 7: Handling and storage

7.1 Precautions for safe handling

Avoid dust formation. Increased risk of slipping if substance comes into contact with water.

7.2 Conditions for safe storage, including any incompatibilities

Observe precautionary measures against dust explosion.

7.3 Specific end use(s)

Apart from the uses mentioned in SECTION 1.2 no other specific uses are stipulated.

Section 8 : Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limit values:

Do not breathe dust. Do not eat, drink or smoke when handling.

DNEL (Derived No Effect Level) for workers and the general population:

Not available.

PNEC(Predicted No Effect Concentration) values:

Not available.

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8.2 Exposure controls

Appropriate engineering controls:

Observe regulations for protection against explosion.

Personal protective equipment:

In case of dust formation: fine dust mask without protection rating. Recommendation: rubber gloves. Recommendation in case of dust formation: tight fitting protective goggles.

Prevent material from entering surface waters and soil.

Section 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance:	solid - powder
Colour:	white
Odour:	odourless
pH:	approx. 7 at 20 ° C (500 g/l H ₂ O)
Melting point:	No data available.
Boiling point:	No data available.
Density:	No data available.
Vapour pressure:	No data available.
* Partition coefficient (n -octanol/water):	No data available.
Solubility in water:	No data available.
Flash point:	No data available
Auto-ignition temperature:	> 500 ° C
*Flammability:	No data available.
*Decomposition temperature:	No data available
*Explosive properties:	No data available
Oxidising properties:	No data available

9.2 Other information

Product forms dispersions with water. The tests on the raised dust were determined in accordance with German VDI 2263, Sheet 1, on the screened product.

Thermal decomposition:	> 250 ° C
Median value:	41 µ m screened according to German VDI
Median value:	75 µ m original

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Disturbed dust

Dust explosion class :	1
Kst value:	70 m*bar/sec
Maximum explosion pressure:	6,7 bar
Ignition temperature:	470 ° C
Minimum ignition energy:	100 - 300 mJ with induction
Minimum ignition energy:	> 1000 mJ without induction

Deposited dust

Burning behavior:	5 at 20 ° C
Burning behavior:	5 at 100 ° C

Spontaneous combustion:	approx. 270 ° C sample volume 400 cm ³
Spontaneous combustion:	approx. 295 ° C sample volume 100 cm ³
Spontaneous combustion:	> 300 ° C sample volume 50 cm ³
Glow temperature :	400 ° C

Section 10: Stability and reactivity

10.1 Reactivity

If stored and handled in accordance with standard industrial practices no hazardous reactions are known.

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

None known.

10.4 Conditions to avoid

None known.

10.5 Incompatible materials

None known.

10.6 Hazardous decomposition products

If stored and handled in accordance with standard industrial practices and local regulations where applicable: none known . At increased temperature: acetic acid

Section 11: Toxicological information

11.1 Toxicokinetics, metabolism and distribution

According to our present state of knowledge no damaging effect expected when treated in accordance with standard industrial practices and local regulations where applicable. The

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toxicological results listed below are based on tests with similar materials.

11.2 Information on toxicological effects

Acute toxicity:

Exposition Value/value range Species Source

Oral > 2000 mg/kg rat test report

Primary irritation:

Exposition Effect Species/Testsystem Source

To skin not irritating rabbit test report

To eyes not irritating rabbit test report

Additional information:

No data available.

Section 12: Ecological information

12.1 Toxicity

Species Test method Exp. time Result Source

Carp (Cyprinus carpio) acute 96 h > 1000 mg/l (LC50) test report

No expected damaging effects to aquatic organisms.

Effects in sewage treatment plants (bacteria toxicity: respiration-/reproduction inhibition): Test system Exp. time Result Source

Sludge 0,5 h > 1000 mg/l (EC10) test report

According to current knowledge adverse effects on water purification plants are not expected.

12.2 Mobility in soil

No information available.

12.3 Persistence and degradability

Biodegradation / further information:

Not readily biodegradable.

12.4 Bioaccumulative potential

No adverse effects expected.

12.5 Further information:

Polymer component: Elimination by adsorption to activated sludge. Easily separable from water by filtration.

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Section 13: Disposal considerations

13.1 Waste treatment methods

Material Recommendation:

Incineration or deposit together with domestic waste is possible. Observe local/state/federal regulations.

13.2 Uncleaned packaging

Recommendation:

Completely discharge containers (no tear drops, no powder rest, scraped carefully).

Containers may be recycled or re-used. Observe local/state/federal regulations.

Recommended cleaning agent:

Water .

Section 14: Transport information

14.1 Land transport GGVSE/ADR and RID

Road ADR:

Valuation: Not regulated for transport

Railway RID:

Valuation: Not regulated for transport

14.2 Inland navigation GGV Binsch/ADNR

14.3 Transport by sea GGVSee/IMDG-Code

Valuation: Not regulated for transport

Marine Pollutant: No

14.4 Air transport ICAO-TI/IATA-DGR

Valuation: Not regulated for transport

14.5 Transport/further information

Informing dept. ref. to heading

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Section 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

EU regulation:

Authorisations: No information available.

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Restrictions on use: No information available.

15.2 Chemical Safety Assessment

No Chemical Safety Assessment has been carried out for this substance.

Section 16: Other information

16.1 Revision Information:

Date of the previous revision: Not applicable. Date of this revision: 07/11/2014.

Revision summary: The first new SDS

16.2 Abbreviations and acronyms

CLP: EU regulation (EC) No1272/2008 on classification, labeling and packaging of chemical.

CAS: Substances and mixtures. Chemical Abstracts Service (division of the American Chemical Society).

***EINECS:** European Inventory of Existing Commercial Chemical Substances.

RID: European Rail Transport.

IATA: International Air Transport Association.

***OSHA:** The United States Occupational Safety and Health Administration.

16.3 Key literature references and sources for data

ESIS: European chemical Substances Information System.

ICSC: International Chemical Safety Cards.

16.4 Training advice

Provide adequate information, instruction and training for operators.

16.5 Declare to reader

The information in this SDS is provided all the relevant data fully and truly. However, the information is provided without any warranty on their absolute extensiveness and accuracy. This SDS was prepared to provide safety preventive measures for the users who have got professional training. The personal user who obtained this SDS should make independent judgment for the applicability of this SDS under special conditions. In these special cases, we do not assume responsibility for the damage. According to REACH Article 31(5), the SDS shall be supplied in an official language of the Member State(s) where the substance or mixture is placed on the market, unless the recipient Member State(s) concerned provide otherwise. It should also be noted that this SDS is applicable to the countries with English as an official language.