

Fiberglass Pipe Repair Wrap Material Safety Data Sheet (High Strength)

UNIQUE technology

1 Identification

Product identifier

Trade name: Fiberglass Pipe Repair Wrap

Recommended use of the chemical and restrictions on use

Application of the substance / the preparation:

For repairs of kinds of home / industrial / plumbing / motor products

Details of the supplier of the safety data sheet

Manufacturer / Supplier:

Shaanxi Unique-technology Co.,Ltd

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Mandy

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2 Hazard(s) identification

Classification of the substance or mixture

The product is not classified according to OSHA Hazard Communication Standard (29 CFR 1910.1200).

Information concerning particular hazards for human and environment:

The product had not to be labeled due to the calculation procedure of OSHA Hazard Communication Standard (29 CFR 1910.1200).

Classification system:

The classification is according to the latest edition of OSHA Hazard Communication Standard(29 CFR 1910.1200),and extended by company and literature data.

Label elements

Labeling according to OSHA Hazard Communication Standard(29 CFR 1910.1200)

Hazard pictograms Not applicable.

Signal word Not applicable.

Hazard-determining components of labeling: Not applicable.

Hazard statements Not applicable.

Precautionary statements Not applicable.

Hazards not otherwise classified (HNOC) No further relevant information available.

3 Composition / information on ingredients

Chemical characterization: Mixtures

Description: Mixture of the substance listed below with nonhazardous additions

Composition:

65997-15-2	Fiberglass Fabric	56-58%
51876-91-2	Polyurethane Resin(1,3-Propanediol,2-ethyl-2-(hydroxymethyl),polymer with bis(isocyanatomethyl)benzene,R2O<0.8%	42-44%
43679-1-3	carbon black	1%
43377-1-2	Liquefied MDI (4,4'-diphenylmethane diisocyanate) in Polyurethane	8%

4 First-aid measures

Description of first aid measures

After inhalation: Supply fresh air;consult doctor in case of complaints.

After skin contact:

Immediately wash with water and soap and rinse thoroughly.

If skin irritation continues,consult a doctor.

After eye contact:

Rinse opened eye for several minutes under running water. If symptoms persist,consult a doctor.

After swallowing:

Rinse out mouth with water.

If symptoms persist consult doctor.

Never give anything by mouth to an unconscious person.

Most important symptoms and effects,both acute and delayed No further relevant information available.

Indication of any immediate medical attention and special treatment needed

No further relevant information available.

5 Fire-fighting measures

Suitable extinguishing agents:

CO₂, extinguishing power or water spray. Fight larger fires with water spray or alcohol resistant foam.

Speical hazards arising from the substance or mixture: No further relevant information available.

Special protective equipment and precautions for firefighters

Protective equipment:

Wear fully protective device.

Mounth respiratory protective device.

6 Accidental release measures

Personal precautions,protective equipment and emergency procedures:

Ensure adequate ventilation.

Avoid formation of dust.

Keep away from ignition sources.

Use respiratory protective device against the effects of fumes/dust/aerosol.

Environmental precautions: Do not allow to enter sewers / surface or ground water.

Methods and material for containment and cleaning up:

Pick up mechanically.

Dispose contaminated material as waste according to item 11

7 Handling and storage

Precautions for safe handling:

Keep away from heat and direct sunlight.

Ensure good ventilation/exhaustion at the workplace.

Prevent formation of dust.

Information about protection against explosions and fires:

Keep ignition sources away- Do not smoke.

Normal measures for preventive fire protection.

Conditions for safe storage, including any incompatibilities

Requirements to be met by storerooms and receptacles:

Store in a cool location.

Store only in the original receptacle.

Information about storage in one common storage facility:

Store away from foodstuffs.

Store away from flammable substances.

Further information about storage conditions: Store in cool, dry conditions in well sealed receptacles.

8 Exposure controls/personal protection

Components with limit values that require monitoring at the workplace:	
43679-1-3 carbon black (1.0%)	
PEL (USA) Long-term value: 3.5mg/m ³	
REL (USA) Long-term value: 3.5mg/m ³	
0.1 in presence of PAHs; See Pocket Guide Apps. A+C	
TLV (USA) Long-term value: 3*mg/m ³	
inhalable fraction	

Additional information: The lists that were valid during the creation were as basis.

Based on the composition shown in Section 2, the following measures are suggested for occupational safety measure

Appropriate engineering controls: See Section 6 for information about design of technical facilities.

Personal protective equipment

Breathing equipment: Suitable respiratory protective device recommended.

Protection of hands: **Protective gloves**

The glove material had to be impermeable and resistant to the product/the substance/the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/the preparation/the preparation/the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

Penetration time of gloves material:

The exact break through time had to be found out by the manufacturer of the protective gloves and has to be observed.

Eye protection: **Tightly sealed goggles**

9 Physical and chemical properties

General Information

Appearance:

Form: Solid

Trade name: Fiberglass Pipe Repair Wrap

Color: Black

Odor: Odorless

Odour threshold: Not available
pH-value: Not available

Change in condition

Melting point / Melting range: Not available
Freezing point: Not available
Boiling point/Boiling range: Not available
Flash point: Not available
Flammability(solid,gaseous): Not available
Auto-Ignition temperature: Not available
Decomposition temperature: Not available

Explosion limits:

Lower Not available
Upper Not available

Vapor pressure: Not available

Density: Not available

Relative density Not available

Vapour density Not available

Evaporation rate Not available

Solubility in / Miscibility with

Water: Not available

Partition coefficient(n-octanol/water): Not available

Viscosity:

Dynamic: Not available

Kinematic: Not available

Other information No further relevant information available.

10 Stability and reactivity

Reactivity No decomposition if used according to specifications.

Chemical stability Stable under recommended storage conditions.

Possibility of hazardous reactions No dangerous reactions known.

Conditions to avoid No further relevant information available.

Hazardous decomposition products: No dangerous decomposition products known.

11 Toxicological information

Acute toxicity

LD/LC50 values that are relevant for classification:

43679-1-3 carbon black (1.0%)

Oral	LD50	>8000 mg/kg(rat)
Dermal	LD50	>3000 mg/kg(rabbit)

Primary irritant effect

on the skin: Irritation effect possible.

on the eye: Irritation effect possible.

Sensitization: Sensitization possible.

Additional toxicological information:

The product is not subject to classification according to internally approved calculation methods for preparations.

Carcinogenic categories

IARC (International Agency for Research on Cancer)

43679-1-3 carbon black	2B
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NTP (National Toxicology Program)

None of the ingredients is listed.

OSHA-Ca-(Occupational Safety & Health Administration)

None of the ingredients is listed.

12 Ecological information

Toxicity

Aquatic toxicity: No further relevant information available.

Persistence and degradability No further relevant information available.

Bioaccumulative potential No further relevant information available.

Mobility in soil No further relevant information available.

Other adverse effects No further relevant information available.

13 Disposal considerations

Waste treatment methods

Recommendation: Smaller quantities can be disposed of with household waste.

Uncleaned packagings

Recommendation: Disposal must be made according to official regulations.

14 Transport information

UN-Number

DOT,IMDG,IATA

UN proper shipping name

DOT,IMDG,IATA Not available

Transport hazard class(es)

DOT,IMDG,IATA

Class Not available

Packing group

DOT,IMDG,IATA Not available

Environmental hazards

Marine pollutand: No

Special precautions for user Not available

Transport in bulk according to Annex II of

MARPOL73/78 and the IBC Code Not available

15 Regulatory information

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

Sara

Sections 355 (extremely hazardous substances):

None of the ingredients is listed.

Sections 313(Specific toxic chemical listings):

None of the ingredients is listed.

TSCA(Toxic Substances Control Act):

All ingredients are listed.

Chemical known to cause reproductive toxicity for females:

None of the ingredients is listed.

Chemical known to cause reproductive toxicity for males:

None of the ingredients is listed.

Chemical known to cause development toxicity:

None of the ingredients is listed.

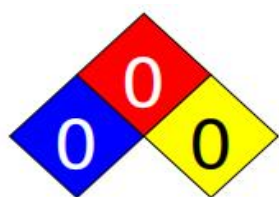
Cancerogenity categories

EPA (Environmental Protection Agency):

None of the ingredients is listed.

16 Other information

NFPA ration (scale 0-4)



Health=0
Fire=0
Reactivity=0

HMIS ratings(scale 0-4)



Health=0
Fire=0
Reactivity=0

The contents and format of this SDS are in accordance with 29 CFR 1910. 1200(g).

DISCLAIMER OF LIABILITY:

The information in this SDS was obtained from sources believed to be correct.This sample is likely to be classified as article and is out of scope of a SDS as set out in 29 CFR Part 1910.1200.

This SDS is generated for client's reference only.

Abbreviations and acronyms:

IMDG:International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

ACGIH: American Conference of Governmental Industrial Hygienists

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS:Chemical Abstracts Service(division of the American Chemical Society)

LC50:Lethal concentration,50percent

LD50:Lethal dose,50percent