

Fiberglass Pipe Repair Wrap Material Safety Date Sheet -(High Strength)



1. Identification

Product identifier

Trade name: Fiberglass Pipe Repair Wrap-(High Strength)

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. Composition / information on ingredients

Chemical characterization: Mixtures

Description: Mixture of the substance listed below with nonhazardous additions

Composition:

65997-15-2	Fiberglass Fabric	53-55%
51876-91-2	Polyurethane Resin(1,3-Propanediol,2-ethyl-2-(hydroxymethyl),polymer with bis(isocyanatomethyl)benzene,R2O<0.8%	44-46%
43679-1-3	carbon black	1%
43377-1-2	Liquefied MDI (4,4'-diphenylmethane diisocyanate) in Polyurethane	8%

3. 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.

4. Fire-fighting measures

Suitable extinguishing agents:

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

Special 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.

Mouth respiratory protective device.

5. 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

6. 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.

7. 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**

8. Physical and chemical properties

General Information

Appearance:

Form: Solid

Color: Black

Odor: Odorless

9. 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.

10. 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.

11.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.

12.Regulatory information

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

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Sections (extremely hazardous substances):

None of the ingredients is listed.

Sections (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.