

PVC Splicing Paste

Safety Data Sheet

according to 29 CFR § 1910.1200, Hazard Communication Standard (HCS)
 Issue date: 4/1/2025 Revision date: 4/10/2025 Supersedes: 4/1/2025 Version: 1.1

SECTION 1 Identification

1.1. Product identifier

Product form : Mixture
 Product name : PVC Splicing Paste

1.2. Other means of identification

No additional information available

1.3. Recommended use of the chemical and restrictions on use

Use of the substance/mixture : Industrial use
 Recommended use : Industrial use
 Restrictions on use : Not determined

1.4. Supplier's details

Fenner Dunlop Conveyor Belting
 654 Camp Joy Road
 Building 2 Suite B
 Bluefield, VA, 24705
 T 276-322-1426
mark.myers@fennerdunlop.com

1.5. Emergency phone number

Emergency number : CHEMTREC, U.S. : 1-800-424-9300 International: +1-703-527-3877

SECTION 2 Hazard Identification

2.1. Classification of the substance or mixture

GHS US classification

| | | |
|---|------|--|
| Respiratory sensitization, Category 1 | H334 | May cause allergy or asthma symptoms or breathing difficulties if inhaled. |
| Skin sensitization, Category 1 | H317 | May cause an allergic skin reaction. |
| Hazardous to the aquatic environment — Acute Hazard, Category 3 | H402 | Harmful to aquatic life. |

Full text of H statements : see section 16

2.2. Label elements

GHS US labeling

Hazard pictograms (GHS US)

:



Signal word (GHS US)

: Danger

Hazard statements (GHS US)

: H317 - May cause an allergic skin reaction
 H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled
 H402 - Harmful to aquatic life

Precautionary statements (GHS US)

: P261 - Avoid breathing dust, fume, gas, mist, vapors, spray.
 P272 - Contaminated work clothing must not be allowed out of the workplace.
 P273 - Avoid release to the environment.
 P280 - Wear protective gloves, protective clothing, eye protection, face protection, and hearing protection.

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P284 - Wear respiratory protection.
P302+P352 - If on skin: Wash with plenty of water.
P304+P340 - If inhaled: Remove person to fresh air and keep comfortable for breathing.
P321 - Specific treatment (see supplemental first aid instruction on this label).
P333+P313 - If skin irritation or rash occurs: Get medical advice or attention.
P342+P311 - If experiencing respiratory symptoms: Call a poison center or doctor.
P362+P364 - Take off contaminated clothing and wash it before reuse.
P501 - Dispose of contents and/or container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulations.

2.3. Hazards associated with known or reasonably anticipated uses

No additional information available

2.4. Hazards not otherwise classified

No additional information available

2.5. Unknown acute toxicity

No additional information available

SECTION 3 Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

| Name | Product identifier | % | GHS US classification |
|--|---------------------|-----------|---|
| 1,3-Benzenediol | CAS-No.: 108-46-3 | 0.3 – 2.1 | Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1B, H317 STOT SE 1, H370 Aquatic Acute 1, H400 |
| 1,3,5,7-Tetraazatricyclo[3.3.1.1(3,7)]decane | CAS-No.: 100-97-0 | 0.2 – 1.4 | Flam. Sol. 2, H228 Skin Sens. 1, H317 |
| Chlorinated paraffin waxes and hydrocarbon waxes | CAS-No.: 63449-39-8 | 0.1 – 1 | Carc. 2, H351 Aquatic Chronic 4, H413 |
| Carbon black | CAS-No.: 1333-86-4 | 0 – 0.3 | Carc. 2, H351 |
| Quartz | CAS-No.: 14808-60-7 | 0 – 0.2 | Carc. 1A, H350 |

Full text of hazard classes and H-statements : see section 16

SECTION 4 First aid measures

4.1. Description of necessary first-aid measures

First-aid measures general : Call a poison center/doctor/physician if you feel unwell.
First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. If experiencing respiratory symptoms: Call a poison center or a doctor.
First-aid measures after skin contact : Wash skin with plenty of water. Take off contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention.
First-aid measures after eye contact : Rinse eyes with water as a precaution.
First-aid measures after ingestion : Call a poison center/doctor/physician if you feel unwell.

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4.2. Most important symptoms/effects, acute and delayed

| | |
|-------------------------------------|--|
| Symptoms/effects after inhalation | : May cause allergy or asthma symptoms or breathing difficulties if inhaled. |
| Symptoms/effects after skin contact | : May cause an allergic skin reaction. |
| Symptoms/effects after eye contact | : None under normal conditions. |
| Symptoms/effects after ingestion | : None under normal conditions. |

4.3. Indication of immediate medical attention and special treatment needed, if necessary

| | |
|-----------------------------------|--------------------------|
| Other medical advice or treatment | : Treat symptomatically. |
|-----------------------------------|--------------------------|

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

| | |
|--------------------------------|--|
| Suitable extinguishing media | : Water spray. Dry powder. Foam. Carbon dioxide. |
| Unsuitable extinguishing media | : Do not use a heavy water stream. |

5.2. Specific hazards arising from the chemical

| | |
|--|--------------------------------|
| Fire hazard | : No fire hazard. |
| Explosion hazard | : No direct explosion hazard. |
| Hazardous decomposition products in case of fire | : Toxic fumes may be released. |

5.3. Special protective equipment and precautions for fire-fighters

| | |
|--------------------------------|---|
| Firefighting instructions | : Fight fire from safe distance and protected location. Do not enter fire area without proper protective equipment, including respiratory protection. |
| Protection during firefighting | : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing. |

SECTION 6 Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

| | |
|------------------|---|
| General measures | : Stop leak if safe to do so. Notify authorities if product enters sewers or public waters. Absorb spillage to prevent material-damage. |
|------------------|---|

For non-emergency personnel

| | |
|----------------------|---|
| Protective equipment | : Wear recommended personal protective equipment. |
| Emergency procedures | : Ventilate spillage area. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapors/spray. |

For emergency responders

| | |
|---------------------------|---|
| Protective equipment | : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection". |
| Emergency procedures | : Evacuate unnecessary personnel. Stop leak if safe to do so. |
| Environmental precautions | : Avoid release to the environment. |

6.2. Methods and materials for containment and cleaning up

| | |
|-------------------------|---|
| For containment | : Collect spillage. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Stop leak, if possible without risk. |
| Methods for cleaning up | : Take up liquid spill into absorbent material. |
| Other information | : Dispose of materials or solid residues at an authorized site. |

For further information refer to section 13

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SECTION 7 Handling and storage

7.1. Precautions for safe handling

| | |
|-----------------------------------|---|
| Precautions for safe handling | : Ensure good ventilation of the work station. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapors/spray. Wear personal protective equipment. |
| Hygiene measures | : Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product. |
| Additional hazards when processed | : Not expected to present a significant hazard under anticipated conditions of normal use. |

7.2. Conditions for safe storage, including incompatibilities

| | |
|--------------------|---|
| Technical measures | : Keep in a cool, well-ventilated place away from heat. |
| Storage conditions | : Keep cool. Protect from sunlight. |

SECTION 8 Exposure controls/personal protection

8.1. Control parameters

| 1,3-Benzenediol (108-46-3) | |
|---|--|
| USA - ACGIH - Occupational Exposure Limits | |
| ACGIH OEL TWA | 10 ppm |
| ACGIH OEL STEL | 20 ppm |
| ACGIH chemical category | Not Classifiable as a Human Carcinogen |
| 1,3,5,7-Tetraazatricyclo[3.3.1.1(3,7)]decane (100-97-0) | |
| USA - ACGIH - Occupational Exposure Limits | |
| ACGIH OEL TWA | 1 mg/m³ (inhalable fraction and vapor) |
| ACGIH chemical category | Not Classifiable as a Human Carcinogen, dermal sensitizer |
| Carbon black (1333-86-4) | |
| USA - ACGIH - Occupational Exposure Limits | |
| ACGIH OEL TWA | 3 mg/m³ (inhalable particulate matter) |
| ACGIH chemical category | Confirmed Animal Carcinogen with Unknown Relevance to Humans |
| USA - OSHA - Occupational Exposure Limits | |
| OSHA PEL TWA | 3.5 mg/m³ |
| Quartz (14808-60-7) | |
| USA - ACGIH - Occupational Exposure Limits | |
| ACGIH OEL TWA | 0.025 mg/m³ (respirable particulate matter) |
| ACGIH chemical category | Suspected Human Carcinogen |
| USA - OSHA - Occupational Exposure Limits | |
| OSHA PEL TWA | 50 µg/m³ (Respirable crystalline silica) |

8.2. Appropriate engineering controls

| | |
|----------------------------------|--|
| Appropriate engineering controls | : Ensure good ventilation of the work station. |
| Environmental exposure controls | : Avoid release to the environment. |

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8.3. Individual protection measures, such as personal protective equipment

Personal protective equipment:

Wear recommended personal protective equipment.

| |
|---|
| Hand protection: |
| Protective gloves against chemicals (EN 374). nitrile rubber gloves |
| Eye protection: |
| Safety glasses |
| Skin and body protection: |
| Wear suitable protective clothing |
| Respiratory protection: |
| [In case of inadequate ventilation] wear respiratory protection. |

Personal protective equipment symbol(s):



SECTION 9 Physical and chemical properties

9.1. Basic physical and chemical properties

| | |
|---|---------------------|
| Physical state | : Liquid |
| Appearance | : Paste. |
| Color | : Characteristic |
| Odor | : Characteristic |
| Odor threshold | : No data available |
| pH | : No data available |
| Melting point | : Not applicable |
| Freezing point | : No data available |
| Boiling point | : No data available |
| Flash point | : 200 °F |
| Flammability (solid, gas) | : Not applicable. |
| Vapor pressure | : No data available |
| Relative vapor density at 20°C | : No data available |
| Relative density | : No data available |
| Density | : 10.6 lb/gal |
| Solubility | : No data available |
| Partition coefficient n-octanol/water (Log Pow) | : No data available |
| Auto-ignition temperature | : No data available |
| Decomposition temperature | : No data available |
| Viscosity, kinematic | : No data available |
| Explosion limits | : No data available |
| Particle characteristics | : No data available |

9.2. Data relevant with regard to physical hazard classes (supplemental)

No additional information available

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SECTION 10 Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11 Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral) : Not classified.
Acute toxicity (dermal) : Not classified.
Acute toxicity (inhalation) : Not classified.

1,3-Benzenediol (108-46-3)

| | |
|-----------------------|--|
| LD50 oral rat | 202 mg/kg (Source: JAPAN_GHS) |
| LD50 dermal rabbit | 3360 mg/kg (Source: NLM_CIP) |
| LC50 Inhalation - Rat | > 7.8 mg/l (Exposure time: 8 h Source: EU_CLH) |
| ATE US (oral) | 500 mg/kg body weight |

1,3,5,7-Tetraazatricyclo[3.3.1.1(3,7)]decane (100-97-0)

| | |
|-----------------|--------------------------------|
| LD50 oral rat | > 20000 mg/kg (Source: EU_RAR) |
| LD50 dermal rat | > 2000 mg/kg (Source: EU_RAR) |

Chlorinated paraffin waxes and hydrocarbon waxes (63449-39-8)

| | |
|---------------|------------------------------|
| LD50 oral rat | > 11700 mg/kg (Source: ECHA) |
|---------------|------------------------------|

Carbon black (1333-86-4)

| | |
|--------------------|---------------------------------|
| LD50 oral rat | > 10000 mg/kg (Source: ECHA) |
| LD50 dermal rabbit | > 2000 mg/kg (Source: ECHA_API) |

Skin corrosion/irritation : Not classified.

1,3-Benzenediol (108-46-3)

| | |
|----|-------------------------------------|
| pH | 5.2 (concentrated aqueous solution) |
|----|-------------------------------------|

Serious eye damage/irritation : Not classified.

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| 1,3-Benzenediol (108-46-3) | |
|----------------------------|-------------------------------------|
| pH | 5.2 (concentrated aqueous solution) |

| | |
|-----------------------------------|---|
| Respiratory or skin sensitization | : May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause an allergic skin reaction. |
| Germ cell mutagenicity | : Not classified. |
| Carcinogenicity | : Not classified. |

| 1,3-Benzenediol (108-46-3) | |
|----------------------------|----------------------|
| IARC group | 3 - Not classifiable |

| Chlorinated paraffin waxes and hydrocarbon waxes (63449-39-8) | |
|---|--------------------------------------|
| IARC group | 2B - Possibly carcinogenic to humans |
| In OSHA Hazard Communication Carcinogen list | Yes |

| Carbon black (1333-86-4) | |
|--|--------------------------------------|
| IARC group | 2B - Possibly carcinogenic to humans |
| In OSHA Hazard Communication Carcinogen list | Yes |

| Quartz (14808-60-7) | |
|--|----------------------------|
| IARC group | 1 - Carcinogenic to humans |
| National Toxicity Program (NTP) Status | Known Human Carcinogens |
| In OSHA Hazard Communication Carcinogen list | Yes |

| | |
|-----------------------|-------------------|
| Reproductive toxicity | : Not classified. |
| STOT-single exposure | : Not classified. |

| 1,3-Benzenediol (108-46-3) | |
|----------------------------|--------------------------|
| STOT-single exposure | Causes damage to organs. |

| | |
|-------------------------------------|--|
| STOT-repeated exposure | : Not classified. |
| Aspiration hazard | : Not classified. |
| Symptoms/effects after inhalation | : May cause allergy or asthma symptoms or breathing difficulties if inhaled. |
| Symptoms/effects after skin contact | : May cause an allergic skin reaction. |
| Symptoms/effects after eye contact | : None under normal conditions. |
| Symptoms/effects after ingestion | : None under normal conditions. |

SECTION 12 Ecological information

12.1. Ecotoxicity

| | |
|---|----------------------------|
| Ecology - general | : Harmful to aquatic life. |
| Hazardous to the aquatic environment, short-term (acute) | : Harmful to aquatic life. |
| Hazardous to the aquatic environment, long-term (chronic) | : Not classified. |

| 1,3-Benzenediol (108-46-3) | |
|----------------------------|--|
| LC50 - Fish [1] | > 100 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [flow-through] Source: EPA) |
| EC50 - Crustacea [1] | 78 mg/l (Exposure time: 48 h - Species: Daphnia magna) |
| LC50 - Fish [2] | 53.4 mg/l (Exposure time: 96 h - Species: Pimephales promelas Source: IUCLID) |

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| 1,3,5,7-Tetraazatricyclo[3.3.1.1(3,7)]decane (100-97-0) | |
|---|--|
| LC50 - Fish [1] | 44600 - 55600 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through] Source: EPA) |
| EC50 - Crustacea [1] | 29868 - 43390 mg/l (Exposure time: 48 h - Species: Daphnia magna) |
| Chlorinated paraffin waxes and hydrocarbon waxes (63449-39-8) | |
| LC50 - Fish [1] | > 300 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static] Source: EPA) |
| LC50 - Fish [2] | > 0.0109 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [flow-through] Source: EPA) |

12.2. Persistence and degradability

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| | |
|-------------------------------|------------------------|
| Persistence and degradability | Not rapidly degradable |
|-------------------------------|------------------------|

12.3. Bioaccumulative potential

| 1,3-Benzenediol (108-46-3) | |
|---|-----------------------------------|
| BCF - Fish [1] | (2.4 dimensionless) |
| Partition coefficient n-octanol/water (Log Pow) | 0.8 (at 20 °C) |
| 1,3,5,7-Tetraazatricyclo[3.3.1.1(3,7)]decane (100-97-0) | |
| Partition coefficient n-octanol/water (Log Pow) | -2.18 (at 20 °C (at pH >=7-<=9) |
| Chlorinated paraffin waxes and hydrocarbon waxes (63449-39-8) | |
| Partition coefficient n-octanol/water (Log Pow) | 5.88 - 6.82 (at 18.7 °C (at pH 6) |

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

| | |
|------------------------------|-------------------|
| Ozone | : Not classified. |
| Fluorinated greenhouse gases | : No |

SECTION 13 Disposal considerations

| | |
|--|---|
| Regional waste regulation | : Disposal must be done according to official regulations. |
| Waste treatment methods | : Dispose of contents/container in accordance with licensed collector's sorting instructions. |
| Sewage disposal recommendations | : Disposal must be done according to official regulations. |
| Product/Packaging disposal recommendations | : Disposal must be done according to official regulations. |
| Additional information | : Do not re-use empty containers. |

SECTION 14 Transport information

In accordance with DOT / IMDG / IATA

14.1. UN number

Not regulated for transport

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14.2. UN Proper Shipping Name

| | |
|-----------------------------|-----------------|
| Proper Shipping Name (DOT) | : Not regulated |
| Proper Shipping Name (IMDG) | : Not regulated |
| Proper Shipping Name (IATA) | : Not regulated |

14.3. Transport hazard class(es)

| | |
|----------------------------------|-----------------|
| DOT | |
| Transport hazard class(es) (DOT) | : Not regulated |

| | |
|-----------------------------------|-----------------|
| IMDG | |
| Transport hazard class(es) (IMDG) | : Not regulated |

| | |
|-----------------------------------|-----------------|
| IATA | |
| Transport hazard class(es) (IATA) | : Not regulated |

14.4. Packing group

| | |
|----------------------|-----------------|
| Packing group (DOT) | : Not regulated |
| Packing group (IMDG) | : Not regulated |
| Packing group (IATA) | : Not regulated |

14.5. Environmental hazards

| | |
|-------------------|---|
| Other information | : No supplementary information available. |
|-------------------|---|

14.6. Transport in bulk

Not applicable

14.7. Special precautions for user

| | |
|---------------|--|
| DOT | |
| Not regulated | |

| | |
|---------------|--|
| IMDG | |
| Not regulated | |

| | |
|---------------|--|
| IATA | |
| Not regulated | |

SECTION 15 Regulatory information

15.1. Federal regulations

| PVC Splicing Paste | |
|-------------------------------------|---|
| SARA Section 311/312 Hazard Classes | Health hazard - Serious eye damage or eye irritation Health hazard - Respiratory or skin sensitization |

All components of this product are present and listed as Active on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

This product or mixture is not known to contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

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1,3-Benzenediol (108-46-3)


CERCLA RQ

5000 lb

15.2. International regulations

No additional information available

15.3. State regulations

 **WARNING:** This product can expose you to Carbon black, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

| Component | State or local regulations |
|--|--|
| 1,3-Benzenediol(108-46-3) | U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - Pennsylvania - RTK (Right to Know) List; U.S. - Massachusetts - Right To Know List; U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List |
| 1,3,5,7-Tetraazatricyclo[3.3.1.1(3,7)]decane(100-97-0) | U.S. - New Jersey - Right to Know Hazardous Substance List |
| Chlorinated paraffin waxes and hydrocarbon waxes(63449-39-8) | U.S. - Massachusetts - Right To Know List |
| Carbon black(1333-86-4) | U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - Pennsylvania - RTK (Right to Know) List; U.S. - Massachusetts - Right To Know List |
| Quartz(14808-60-7) | U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - Pennsylvania - RTK (Right to Know) List; U.S. - Massachusetts - Right To Know List |

SECTION 16 Other information

according to 29 CFR § 1910.1200, Hazard Communication Standard (HCS)

Revision date : 4/10/2025

Issue date : 4/1/2025

Full text of hazard classes and H-statements

| | |
|------|---|
| H228 | Flammable solid |
| H302 | Harmful if swallowed |
| H315 | Causes skin irritation |
| H317 | May cause an allergic skin reaction |
| H319 | Causes serious eye irritation |
| H334 | May cause allergy or asthma symptoms or breathing difficulties if inhaled |
| H350 | May cause cancer. |
| H351 | Suspected of causing cancer. |
| H370 | Causes damage to organs. |
| H400 | Very toxic to aquatic life |
| H402 | Harmful to aquatic life |
| H413 | May cause long lasting harmful effects to aquatic life |

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