FREEMAN Manufacturing & Supply Company

# Safety Data Sheet

# Freeman 9600 Resin

## Section 1 Identification

**Product Identifiers**

Freeman 9600 Epoxy Resin

**Relevant Identified uses of the Substance or Mixture and uses Advised Against**

Resin side of a two-component low viscosity epoxy infusion system.
For industrial/professional use only.

**Details of the Supplier of the Safety Data Sheet**

Freeman Manufacturing & Supply Company
1101 Moore Road, Avon, OH 44011-4043 USA
Telephone: +1 (440) 934-1902
Email: contactus@freemansupply.com

**24-Hour Emergency Number**
**CHEMTREC (800) 424-9300**

## Section 2 Hazards Identification

**GHS classification in accordance with 29 CFR 1910.1200 (OSHA HCS)**

Acute Toxicity (Dermal) – Category 4
Skin Irritation – Category 2
Serious Eye Damage – Category 1
Skin Sensitizer – Category 1
Specific Target Organ Toxicity – Single Exposure Category 3

**Label elements**

Danger

**Hazard Statements**

H312 Harmful in contact with skin.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H335 May cause respiratory irritation.
H336 May cause drowsiness or dizziness.

**Precautionary Statements**

P261 Avoid breathing fumes, vapors, mists or sprays.
P264 Wash thoroughly after handling.
P271 Use only outdoors or in a well-ventilated area.
P272 Contaminated work clothing must not be allowed out of the workplace.
P280 Wear protective gloves, protective clothing, eye protection and face protection.
P302+P352 IF ON SKIN: Wash with plenty of soap and water.
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P354+P338 IF IN EYES: Immediately rinse with water for several minutes.
Remove contact lenses, if present and easy to do. Continue rinsing.
P317 Get medical help.
P319 Get medical help if you feel unwell.
P333+P317 If skin irritation or rash occurs: Get medical help.
P362+P364 Take off contaminated clothing and wash it before reuse.
P403+P233 Store in a well-ventilated place. Keep container tightly closed.
P405 Store locked up.

## Section 2 Hazards Identification

P501 Dispose of contents and container in accordance with local, regional, and national regulations.

**Supplemental Information**

This is one part of a two-part system. Read and understand the hazard information on the hardener before using.

## Section 3 Composition/Information on Ingredients

| Ingredient Name | CAS Number | Concentration (%) |
|---|---|---|
| Epoxy resin | 25068-38-6 | 80-90 |
| 2,2'-[1,4- Butanediylbis(oxymethyl)]bis[oxirane] | 2425-79-8 | 10-20 |

Ingredients are not listed if they are either not hazardous or are below cut-off / concentration thresholds

## Section 4 First Aid Measures

**Description of First Aid Measures**

**Eye Contact:** Rinse thoroughly with water, holding the eyelids open to be sure the material is washed out. Remove contact lenses if safe and easy to do. Continue rinsing. Get medical attention immediately.

**Skin Contact:** Remove contaminated clothing. Wash contact area thoroughly with soap and water. Get medical attention immediately. Wash contaminated clothing before reuse. Discard clothing that cannot be decontaminated.

**Inhalation:** Remove person to fresh air. Get medical attention if symptoms develop or persist.

**Ingestion:** Do not induce vomiting unless instructed to do so by a medical professional. Get medical attention if you feel unwell.

**Most Important Symptoms/Effects**

Harmful in contact with skin.

**Indication of Immediate Medical Attention/Special Treatment**

Get immediate medical attention if on skin or in eyes.

## Section 5 Fire-Fighting Measures

**Extinguishing Media**

Use water fog, foam, carbon dioxide or dry chemical. Do not use solid water stream.
Solid stream of water into hot product may cause violent steam generation or spread fire.

**Specific Hazards**

Not classified as flammable or combustible. Product will burn under fire conditions. Combustion products include oxides of carbon, phenolics, aldehydes and other toxic organic compounds.

**Special Protective Equipment & Precautions for Fire-Fighters**

Wear positive pressure, self-contained breathing apparatus, and full-body protective clothing.

## Section 6 Accidental Release Measures

**Personal Precautions, Protective Equipment, and Emergency Procedures**

Clear unnecessary, unprotected personnel from the area. Wear appropriate protective clothing to prevent eye and skin contact and avoid breathing vapors.

**Methods and Material for Containment and Cleanup**

Cover with an inert absorbent material and collect into an appropriate container for disposal.
Avoid releases to the environment.

## Section 7 Handling and Storage

**Precautions for Safe Handling**

Use with adequate ventilation. Avoid contact with eyes, skin, and clothing. Wash thoroughly after handling. Do not eat, drink, or smoke in the work area. Keep container closed when not in use.

**Safe Storage**

Store indoors at temperatures below 120°F (49°C). Store in original containers. Avoid getting moisture into containers. Keep containers tightly closed. Store locked up.

## Section 8 Exposure Controls/Personal Protection

**Occupational Exposure Limits**

None established

**Engineering Controls**

Use with adequate general or local exhaust ventilation to minimize exposure levels.

**Personal Protective Equipment (PPE)**

**Respiratory Protection:** If needed, an approved respirator with organic vapor cartridges may be used. Respirator selection and use should be based on contaminant type, form, and concentration. For higher exposures or in an emergency, use a supplied-air respirator. Use respirators in accordance with OSHA's Respiratory Protection Standard (29 CFR 1910.134).

**Skin Protection:** Wear impervious gloves, such as butyl rubber or nitrile rubber.

**Eye Protection:** Wear chemical safety glasses/goggles.

**General Hygienic Practices**

Prevent skin contact and contamination of personal clothing. An eye wash facility and washing facility should be available in the work area. Follow applicable regulations and good Industrial Hygiene practice.

## Section 9 Physical and Chemical Properties

| | |
|---|---|
| **Appearance** | Viscous amber liquid |
| **Odor** | Mild |
| **Odor Threshold** | No data available |
| **pH** | Not applicable |
| **Melting Point** | No data available |
| **Boiling Point** | >200°C |
| **Flash Point** | >110°C |
| **Evaporation Rate** | No data available |
| **Flammability Limits** | No data available |
| **Vapor Pressure** | <1 mm Hg at 20°C |
| **Vapor Density** | Heavier than air |
| **Relative Density** | 1.15 |
| **Solubility** | Negligible |
| **Coefficient: n-Octanol/Water** | No data available |
| **Auto-Ignition Temperature** | No data available |
| **Decomposition Temperature** | >200°C |
| **Viscosity** | 1,200 cP at 25°C |

## Section 10 Stability and Reactivity

**Reactivity:** Not normally reactive.
**Chemical Stability:** Stable under recommended conditions.
**Possibility of Hazardous Reactions:** Masses of ≥1 lb. (0.5 kg) plus aliphatic amine will cause irreversible polymerization with considerable heat build-up. Material will polymerize with sodium hydroxide.
**Conditions to Avoid:** Avoid excessive heat.
**Incompatible Materials:** Avoid contact with strong acids, bases, oxidizing agents, and amines.
**Hazardous Decomposition Products:** Carbon monoxide, carbon dioxide, and oxides of nitrogen.

## Section 11 Toxicological Information

**Acute toxicity**

| Chemical Name | $LD_{50}$ Oral (Rat) | $LD_{50}$ Dermal (Rabbit) |
|---|---|---|
| Epoxy Resin (CAS 25068-38-6) | 11,400 mg/kg | 2,000 mg/kg |
| Aliphatic Epoxy Resin (Cas 2425-79-8) | 1,134 mg/kg | 1,130 mg/kg |

**Acute and chronic health effects**

**Eye Contact:** Causes serious eye damage.
**Skin Contact:** Harmful in contact with skin. Causes skin irritation. May cause allergic skin reaction.
**Inhalation:** May cause respiratory irritation.
**Ingestion:** No data available.
**Respiratory Sensitization:** Components are not respiratory sensitizers.
**Skin Sensitization:** May cause an allergic skin reaction.
**Germ Cell Mutagenicity:** Components are not classified as mutagens.
**Carcinogenicity:** Components are not classified as carcinogens.
**Reproductive Toxicity:** Components are not classified as reproductive toxins.
**Specific Target Organ Toxicity:** May cause respiratory irritation, drowsiness or dizziness.

## Section 12 Ecological Information

**Ecotoxicity**

| Chemical Name | Test | Species | Result |
|---|---|---|---|
| 4,4'-Isopropylidenediphenol-Epichlorohydrin Copolymer | LC50 (96 hr)<br>EC50 (24 hr) | Fish<br>Daphnia | 2.4 mg/L<br>3.6 mg/L |
| Aliphatic Epoxy Resin | LC50 (96 hr)<br>EC50 (24 hr) | Fish<br>Daphnia | 24 mg/L<br>75 mg/L |

**Persistence and Degradability**

| Chemical Name | Test |
|---|---|
| 4,4'-Isopropylidenediphenol-Epichlorohydrin Copolymer | OECD Derived from OECD 301F (Biodegradation Test) |
| Aliphatic Epoxy Resin | Not readily biodegradable |

**Bioaccumulative Potential**

| Chemical Name | Log $P_{ow}$ | BCF | Potential |
|---|---|---|---|
| 4,4'-Isopropylidenediphenol-Epichlorohydrin Copolymer | 3.242 | 31 | Low |
| Aliphatic Epoxy Resin | -0.15 | Not available | Not available |

## Section 12 Ecological Information

**Mobility in Soil**

| Chemical Name | Soil/Water Partition Coefficient ($K_{OC}$) |
|---|---|
| 4,4'-Isopropylidenediphenol-Epichlorohydrin Copolymer | 445 |

## Section 13 Disposal Considerations

Dispose of unused contents and container in accordance with federal, state, and local regulations.
Ensure the use of properly authorized waste management companies. Do not dump in drains or sewers.

## Section 14 Transport Information

**DOT**

Non-bulk Packaging (<882lb or <119gal): Not regulated transport by truck.
Bulk Packaging: UN3082, Environmentally hazardous substance, liquid, n.o.s (epoxy resin), 9, III.

**IATA/IMDG**

UN3082, Environmentally hazardous substance, liquid, n.o.s (epoxy resin), 9, III, MARINE POLLUTANT.
Excepted for IATA and IMDG regulations if shipped in quantities of 5L (1.32gal) or less
(See IATA SP A197 and IMDG 2.10.2.7)

## Section 15 Regulatory Information

**U.S. Federal Regulations**

**SARA Title III, Section 313 Toxic Chemicals:** This product does not contain chemicals subject to SARA Title III Section 313 Reporting requirements.

**Section 302 Extremely Hazardous Substances (TPQ):** None

**U. S. Toxic Substance Control Act (TSCA):** All intentionally added components are either listed or are otherwise compliant with the regulation

**U.S. State Regulations**

**California Proposition 65:** ⚠ **WARNING:** This product can expose you to chemicals including Epichlorohydrin, which is known to the State of California to cause cancer and/or reproductive harm. www.P65Warnings.ca.gov

## Section 16 Other Information

**Training Advice**

All personnel using/handling this product should be trained in proper chemical handling and the need for and use of engineering controls and protective equipment.

**Recommended Uses and Restrictions**

This product is intended for industrial/professional use only.

## Section 16 Other Information

**Disclaimer**

The following supersedes Buyer's documents. SELLER MAKES NO REPRESENTATION OR WARRANTY, EXPRESSED OR IMPLIED, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. No statements herein are to be construed as inducements to infringe any relevant patent. Under no circumstances shall Seller be liable for incidental, consequential or indirect damages for alleged negligence, breach of warranty, strict of liability arising in connection with the product(s). Buyer's sole remedy and Seller's sole liability for any claims shall be Buyer's purchase price. Data and results are based on controlled lab work and must be confirmed by Buyer by testing for its intended conditions of use. The product(s) has not been tested for, and is therefore not recommended for, uses for which prolonged contact with mucous membranes, abraded skin, or blood is intended; or for uses for which implantation within the human body is intended.

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Date of previous revision: June 16, 2022
Date of current revision: March 10, 2025

FREEMAN Manufacturing & Supply Company

# Safety Data Sheet

# Freeman 9604 Epoxy Hardener

## Section 1 Identification

**Product Identifiers**

Freeman 9604 Epoxy Hardener

**Relevant Identified uses of the Substance or Mixture and uses Advised Against**

Hardener side of a two-component low viscosity epoxy infusion system.
For industrial/professional use only.

**Details of the Supplier of the Safety Data Sheet**

Freeman Manufacturing & Supply Company
1101 Moore Road, Avon, OH 44011-4043 USA
Telephone: +1 (440) 934-1902
Email: contactus@freemansupply.com

**24-Hour Emergency Number**
**CHEMTREC (800) 424-9300**

## Section 2 Hazards Identification

**GHS Classification in Accordance with 29 CFR 1910.1200 (OSHA HCS)**

Skin Corrosion, Category 1
Serious Eye Damage, Category 1
Skin Sensitization, Category 1
Reproductive Toxicity, Category 2
Hazardous to Aquatic Environment, Chronic, Category 3
Hazardous to Aquatic Environment, Acute, Category 2

**Label elements**

Danger

**Hazard Statements**

H314 Causes severe skin burns and eye damage.
H317 May cause allergic skin reaction.
H318 Causes serious eye damage.
H361 Suspected of damaging fertility or the unborn child.
H402 Harmful to aquatic life.
H412 Harmful to aquatic life with long lasting effects.

**Precautionary Statements**

P203 Obtain, read and follow all safety instructions before use.
P260 Do not breathe fumes, vapors, mists, or sprays.
P264 Wash thoroughly after handling.
P272 Contaminated work clothing should not be allowed out of the workplace.
P273 Avoid release to the environment.
P280 Wear protective gloves, protective clothing, eye protection, and face protection.
P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P302+P352 IF ON SKIN: Wash with plenty of soap and water.
P302+P361+P354 IF ON SKIN: Take off immediately all contaminated clothing. Immediate rinse with water for several minutes.
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P354+P338 IF IN EYES: Immediately rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P316 Get emergency medical help immediately.

## Section 2 Hazards Identification

P317 Get medical help.
P318 IF exposed or concerned, get medical advice.
P333+P317 If skin irritation or rash occurs: Get medical help.
P362+P364 Take off contaminated clothing and wash it before reuse.
P363 Wash contaminated clothing before reuse.
P405 Store locked up.
P501 Dispose of contents and container in accordance with local, regional, and national regulations.

**Supplemental Information**

This is one part of a two-part system. Read and understand the hazard information on resin before using.

## Section 3 Composition/Information on Ingredients

| Ingredient Name | CAS Number | Concentration (%) |
|---|---|---|
| Polyoxypropylenediamine | 9046-10-0 | 70-80 |
| N-(2-aminoethyl)piperazine | 140-31-8 | 10-20 |
| 2,4,6-Tris(dimethylaminomethyl)phenol | 90-72-2 | 0-10 |
| 4,4'-isopropylidenediphenol | 80-05-7 | 0-10 |

Remaining components are proprietary, non-hazardous, and/or present at amounts below reportable limits.

## Section 4 First Aid Measures

**Description of First Aid Measures**

**Eye Contact:** Rinse thoroughly with water, holding the eyelids open to be sure the material is washed out. Remove contact lenses if safe and easy to do. Continue rinsing. Get medical attention immediately.

**Skin Contact:** Remove contaminated clothing. Wash contact area thoroughly with soap and water. Get medical attention immediately. Wash contaminated clothing before reuse. Discard clothing that cannot be decontaminated.

**Inhalation:** Remove person to fresh air. Get medical attention if symptoms develop or persist.

**Ingestion:** Rinse mouth. Do NOT induce vomiting. Get medical attention if you feel unwell.

**Most Important Symptoms/Effects**

Causes severe skin burns and eye damage.

**Indication of Immediate Medical Attention/Special Treatment**

Get immediate medical attention if on skin or in eyes.

## Section 5 Fire-Fighting Measures

**Extinguishing Media**

Use water fog, foam, carbon dioxide or dry chemical. Do not use solid water stream.
Solid stream of water into hot product may cause violent steam generation or spread fire.

**Specific Hazards**

Not classified as flammable or combustible. Product will burn under fire conditions. Combustion products include oxides of carbon, phenolics, aldehydes and other toxic organic compounds.

**Special Protective Equipment & Precautions for Fire-Fighters**

Wear positive pressure, self-contained breathing apparatus, and full-body protective clothing.

## Section 6 Accidental Release Measures

**Personal Precautions, Protective Equipment, and Emergency Procedures**

Clear unnecessary, unprotected personnel from the area. Wear appropriate protective clothing to prevent eye and skin contact and avoid breathing vapors.

**Methods and Material for Containment and Cleanup**

Cover with an inert absorbent material and collect into an appropriate container for disposal. Avoid releases to the environment.

## Section 7 Handling and Storage

**Precautions for Safe Handling**

Use with adequate ventilation. Avoid contact with eyes, skin, and clothing. Wash thoroughly after handling. Do not eat, drink, or smoke in the work area. Keep container closed when not in use.

**Safe Storage**

Store indoors at temperatures below 120°F (49°C). Store in original containers. Avoid getting moisture into containers. Keep containers tightly closed. Store locked up.

## Section 8 Exposure Controls/Personal Protection

**Occupational Exposure Limits**

| Chemical Name | CAS Number | ACGIH-TWA | ACGIH-STEL |
|---|---|---|---|
| 4,4'-isopropylidenediphenol | 80-05-7 | 5 mg/m$^3$ | 5 mg/m$^3$ |

**Engineering Controls**

Use with adequate general or local exhaust ventilation to minimize exposure levels.

**Personal Protective Equipment (PPE)**

**Respiratory Protection:** If needed, an approved respirator with organic vapor cartridges may be used. Respirator selection and use should be based on contaminant type, form, and concentration. For higher exposures or in an emergency, use a supplied-air respirator. Use respirators in accordance with OSHA's Respiratory Protection Standard (29 CFR 1910.134).

**Skin Protection:** Wear impervious gloves, such as butyl rubber or nitrile rubber.

**Eye Protection:** Wear chemical safety glasses/goggles.

**General Hygienic Practices**

Prevent skin contact and contamination of personal clothing. An eye wash facility and washing facility should be available in the work area. Follow applicable regulations and good Industrial Hygiene practice.

## Section 9 Physical and Chemical Properties

| | |
|---|---|
| **Appearance** | Straw-yellow liquid |
| **Odor / Odor Threshold** | Ammoniacal / No data available |
| **pH** | Not applicable |
| **Melting Point** | No data available |
| **Boiling Point** | >220°C |
| **Flash Point** | >99°C |
| **Evaporation Rate** | No data available |
| **Flammability Limits** | No data available |
| **Vapor Pressure** | <1 mm Hg at 20°C |
| **Vapor Density** | No data available |
| **Relative Density** | 0.95 |

## Section 9 Physical and Chemical Properties

| | |
|---|---|
| **Solubility** | Miscible |
| **Coefficient: n-Octanol/Water** | No data available |
| **Auto-Ignition Temperature** | No data available |
| **Decomposition Temperature** | No data available |
| **Viscosity** | 20 cP at 25°C |

## Section 10 Stability and Reactivity

**Reactivity:** Not normally reactive.
**Chemical Stability:** Stable under recommended conditions.
**Possibility of Hazardous Reactions:** Exothermic reactions including polymerization may occur in contact with strong acids, strong bases, alcohols, strong oxidizing agents, and excessive heat.
**Conditions to Avoid:** Avoid excessive heat and light sources.
**Incompatible Materials:** Avoid contact with strong oxidizing agents, acids, and bases.
**Hazardous Decomposition Products:** Carbon monoxide, carbon dioxide, aldehydes, and oxides of nitrogen.

## Section 11 Toxicological Information

**Acute toxicity**

| Chemical Name | $LD_{50}$ Oral (Rat) | $LD_{50}$ Dermal (Rabbit) |
|---|---|---|
| Polyoxypropylenediamine | 2,885 mg/kg | 2,978 mg/kg |
| N-(2-aminoethyl)piperazine | 2,140 mg/kg | 880 mg/kg |
| 2,4,6-Tris(dimethylaminomethyl)phenol | 2,169 mg/kg | Not available |
| 4,4'-isopropylidenediphenol | 3,250 mg/kg | 3,000 mg/kg |

**Acute and chronic health effects**

**Eye Contact:** Causes serious eye damage.
**Skin Contact:** Causes severe skin burns. May cause an allergic skin reaction.
**Inhalation:** May cause mild respiratory irritation.
**Ingestion:** No data available.
**Respiratory Sensitization:** Components are not classified respiratory sensitizers.
**Skin Sensitization:** May cause an allergic skin reaction.
**Germ Cell Mutagenicity:** Components are not classified as mutagens.
**Carcinogenicity:** Components are not classified as carcinogens.
**Reproductive Toxicity:** Suspected of damaging fertility or the unborn child.
**Specific Target Organ Toxicity:** No data available.

## Section 12 Ecological Information

**Ecotoxicity**

| Chemical Name | Test | Species | Result |
|---|---|---|---|
| Polyoxypropylenediamine | LC50 (95 hr)<br>EC50 (48 hr)<br>NOEC (3 hr) | Fish<br>Daphnia<br>Bacteria | 772 mg/L<br>418 mg/L<br>310 mg/L |
| N-(2-aminoethyl)piperazine | LC50 (24 hr)<br>EC50 (48 hr)<br>EC50 (72 hr) | Fish<br>Daphnia<br>Algae | 2,190 mg/L<br>58 mg/L<br>>1,000 mg/L |
| 2,4,6-Tris(dimethylaminomethyl)phenol | LC50 (24 hr)<br>EC50 (96 hr)<br>EC50 (72 hr) | Rainbow Trout<br>Grass Shrimp<br>Scenedesmus Subspicatus | 222 mg/L<br>718 mg/L<br>84 mg/L |
| 4,4'-isopropylidenediphenol | LC50 (96 hr)<br>EC50 (48 hr)<br>EC50 (72 hr) | Fish<br>Daphnia<br>Algae | 7.5 mg/L<br>3.9-10.2 mg/L<br>2.5-3.1 mg/L |

**Persistence and Degradability**

| Chemical Name | Test | Period / Result |
|---|---|---|
| Polyoxypropylenediamine | OECD 301 B: $CO_2$ Evolution (Modified Sturm Test) | 28 Days, 0% |
| N-(2-aminoethyl)piperazine | OECD 301 F: Manometric Respirometry | 28 Days, 0% |
| 4,4'-isopropylidenediphenol | OECD 301 A: DOC Die-Away | 28 Days, 0% |

**Bioaccumulative Potential**

| Chemical Name | Log $P_{ow}$ | BCF | Potential |
|---|---|---|---|
| Polyoxypropylenediamine | 1.34 | Not available | Low |
| N-(2-aminoethyl)piperazine | <3 | <100 | Low |

**Mobility in Soil**

| Chemical Name | Soil/Water Partition Coefficient ($K_{OC}$) |
|---|---|
| N-(2-aminoethyl)piperazine | 150 - 500 |

## Section 13 Disposal Considerations

Dispose of unused contents (incineration) and container in accordance with federal, state, and local regulations. Ensure the use of properly authorized waste management companies.

## Section 14 Transport Information

**DOT**

UN1760, Corrosive liquid, n.o.s., (polyoxypropylenediamine, n-aminoethylpiperazine), 8, III.
LTD QTY if shipped in quantities of 5L (1.32gal) or less.

**IATA/IMDG**

UN1760, Corrosive liquid, n.o.s., (polyoxypropylenediamine, n-aminoethylpiperazine), 8, III.

## Section 15 Regulatory Information

**U.S. Federal Regulations**

**SARA Title III, Section 313 Toxic Chemicals:** This product contains chemicals subject to SARA Title III Section 313 Reporting requirements: 4,4'-isopropylidenediphenol (CAS 80-05-7) <5%

**Section 302 Extremely Hazardous Substances (TPQ):** None

**U. S. Toxic Substance Control Act (TSCA):** All intentionally added components are either listed or are otherwise compliant with the regulation

**U.S. State Regulations**

**California Proposition 65:** ⚠ **WARNING:** This product can expose you to chemicals including Bisphenol A, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

## Section 16 Other Information

**Training Advice**

All personnel using/handling this product should be trained in proper chemical handling and the need for and use of engineering controls and protective equipment.

**Recommended Uses and Restrictions**

This product is intended for industrial/professional use only.

**Disclaimer**

The following supersedes Buyer's documents. SELLER MAKES NO REPRESENTATION OR WARRANTY, EXPRESSED OR IMPLIED, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. No statements herein are to be construed as inducements to infringe any relevant patent. Under no circumstances shall Seller be liable for incidental, consequential or indirect damages for alleged negligence, breach of warranty, strict of liability arising in connection with the product(s). Buyer's sole remedy and Seller's sole liability for any claims shall be Buyer's purchase price. Data and results are based on controlled lab work and must be confirmed by Buyer by testing for its intended conditions of use. The product(s) has not been tested for, and is therefore not recommended for, uses for which prolonged contact with mucous membranes, abraded skin, or blood is intended; or for uses for which implantation within the human body is intended.

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