

TREMFLEX 834 CLEARVersion 4.0
REVISION DATE: 07/09/2023

Print Date 07/10/2023

SECTION 1 - PRODUCT IDENTIFICATION

Trade name : **TREMFLEX 834**

Product code : 9418004 323

COMPANY : Tremco Incorporated
3735 Green Road
Cleveland, OH 44122

Telephone : (216) 292-5000 8:30 - 5:00 EST
Emergency Phone : (216) 765-6727 8:30 - 5:00 EST
After Hours: Chemtrec 1-800-424-9300

Product use : Sealant

SECTION 2 - HAZARDS IDENTIFICATION**Emergency Overview**

Clear. Non-sag gunnable paste. May cause slight irritation to the respiratory system. Leave area to breathe fresh air. Avoid further overexposure. If symptoms persist, get medical attention.

Acute Potential Health Effects/ Routes of Entry

Inhalation : May cause slight irritation to the respiratory system.
Eyes : Slightly irritating.
Ingestion : May cause irritation to the mouth, throat and stomach.
Skin : Irritant effect may be delayed.

Aggravated Medical Conditions

Pre-existing eye, skin and respiratory disorders may be aggravated by exposure.

Chronic Health Effects

Long term overexposure to propylene glycol caused liver abnormalities, kidney damage in laboratory animals. Repeated excessive ingestion may cause central nervous system effects. Fillers are encapsulated and not expected to be released from product under normal conditions of use.

SECTION 3 - PRODUCT COMPOSITION

Chemical Name	CAS-No.	Weight %
Acrylic polymer	NJ TSRN# 51721300-5277P	40.0 - 70.0
Water	7732-18-5	30.0 - 60.0
Propylene glycol	57-55-6	1.0 - 5.0
White mineral oil	8042-47-5	1.0 - 5.0
Amorphous silica	7631-86-9	1.0 - 5.0
Ammonium hydroxide	1336-21-6	0.1 - 1.0

SECTION 4 - FIRST AID MEASURES

Get immediate medical attention for any significant overexposure.



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- Inhalation : Leave area to breathe fresh air. Avoid further overexposure. If symptoms persist, get medical attention.
- Eye contact : Flush with water for 15 minutes. If irritation persists, get medical attention.
- Skin contact : Wash with water. If irritation, rash or other disorders develop, get medical attention immediately.
- Ingestion : Do not induce vomiting unless advised by a physician. Call nearest Poison Control Center or Physician immediately.

SECTION 5 - FIRE FIGHTING MEASURES

- Flash point : Not available.
- Method : Not available.
- Burning rate : Non-flammable solid
- Lower explosion limit : Not available.
- Upper explosion limit : Not available.
- Autoignition temperature : Not available.
- Extinguishing media : This product is not expected to burn under normal conditions of use. Use that which is appropriate to the surroundings.
- Hazardous combustion products : Smoke, fumes.
- Protective equipment for firefighters : Not applicable. Product is not expected to burn.
- Fire and explosion conditions : This product not expected to ignite under normal conditions of use.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Use appropriate protective equipment. Avoid contact with material. Scrape up and transfer to appropriate container for disposal. Keep out of water courses.

SECTION 7 - HANDLING AND STORAGE

Prevent inhalation of vapor, ingestion, and contact with skin eyes and clothing. Keep container closed when not in use. Precautions also apply to emptied containers. Do not use in confined or poorly ventilated areas. Store in sealed containers in a dry, ventilated warehouse location above freezing.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Personal protection equipment

- Respiratory protection : Not required under normal conditions of use.
- Hand protection : Protect hands with impervious gloves.
- Eye protection : Use safety glasses if eye contact is likely.
- Protective measures : Use professional judgment in the selection, care, and use. Other equipment

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not normally required.

Engineering measures : General ventilation is sufficient. Use local exhaust when the general ventilation is inadequate.

Exposure Limits

Chemical Name	CAS Number	Regulation	Limit	Form
White mineral oil	8042-47-5	OSHA PEL: ACGIH TWA:	5 mg/m ³ 5 mg/m ³	Mist. Inhalable fraction.
Amorphous silica	7631-86-9	ACGIH TWA: ACGIH TWA: OSHA PEL: OSHA PEL: OSHA TWA:	3 mg/m ³ 10 mg/m ³ 15 mg/m ³ 5 mg/m ³ 0.8 mg/m ³	Respirable particles. Inhalable particles. Total dust. Respirable fraction.
Ammonium hydroxide	1336-21-6	ACGIH TWA: ACGIH STEL: OSHA PEL:	25 ppm 35 ppm 35 mg/m ³	

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Form : Non-sag gunnable paste
 Color : Clear
 Odor : Acrylate
 pH : Not available.
 Vapour pressure : Not available.
 Vapor density : Heavier than air
 Melting point/range : Not available.
 Freezing point : Not available.
 Boiling point/range : Not available.
 Water solubility : Miscible
 Specific Gravity : 1.06
 % Volatile Weight : 38 %

SECTION 10 - REACTIVITY / STABILITY

Substances to avoid : Oxidizing agents. Strong acids. Strong bases.

SECTION 11 - TOXICOLOGICAL INFORMATION

Propylene glycol, CAS-No.: 57-55-6



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Acute oral toxicity (LD-50 oral) 30,000 mg/kg (Rat) 18,000 mg/kg (Rabbit) 19,000 mg/kg (Dog) 23,900 - 31,800 mg/kg (Mouse) 18,400 - 196,000 mg/kg (Guinea pig)

Amorphous silica, CAS-No.: 7631-86-9
Acute oral toxicity (LD-50 oral) 22,500 mg/kg (Rat) 15,000 mg/kg (Mouse)

Ammonium hydroxide, CAS-No.: 1336-21-6
Acute oral toxicity (LD-50 oral) 350 mg/kg (Rat)

SECTION 12 - ECOLOGICAL INFORMATION

No Data Available

SECTION 13 - DISPOSAL CONSIDERATIONS

Disposal Method : Waste not regulated under RCRA. Incinerate at EPA approved facility or dispose of waste in compliance with state and local regulations.

SECTION 14 - TRANSPORTATION / SHIPPING DATA

CFR / DOT:

Not Regulated

TDG:

Not Regulated

IMDG:

Not Regulated

SECTION 15 - REGULATORY INFORMATION

North American Inventories:

All components are listed or exempt from the TSCA inventory.
This product or its components are listed on, or exempt from the Canadian Domestic Substances List.

U.S. Federal Regulations:

SARA 313 Components : None present or none present in regulated quantities.

SARA 311/312 Hazards : Acute Health Hazard

OSHA Hazardous Components :

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White mineral oil 8042-47-5
 Amorphous silica 7631-86-9
 Ammonium hydroxide 1336-21-6

OSHA Status: Considered : Irritant
 hazardous based on the
 following criteria:

OSHA Flammability : Not Regulated

Regulatory VOC (less water and : 13 g/l
 exempt solvent)

VOC Method 310 : 0.70 %

U.S. State Regulations:

MASS RTK Components : White mineral oil 8042-47-5
 Amorphous silica 7631-86-9

Penn RTK Components : Acrylic polymer NJ TSRN# 51721300-5277P
 Water 7732-18-5
 Propylene glycol 57-55-6
 White mineral oil 8042-47-5
 Amorphous silica 7631-86-9

NJ RTK Components : Acrylic polymer NJ TSRN# 51721300-5277P
 Water 7732-18-5
 Propylene glycol 57-55-6
 White mineral oil 8042-47-5
 Amorphous silica 7631-86-9

Components under California Proposition 65:

WARNING! Contains chemicals known to the State of California to cause cancer, birth defects and/or other reproductive harm

SECTION 16 - OTHER INFORMATION

HMIS Rating :

Health	1
Flammability	0
Reactivity	0
PPE	

0 = Minimum
 1 = Slight
 2 = Moderate
 3 = Serious
 4 = Severe

Further information:

For Industrial Use Only. Keep out of Reach of Children. The hazard information herein is offered solely for the consideration of the user, subject to their own investigation of compliance with applicable regulations, including the safe use of the product under every foreseeable condition.

Prepared by: Rich Mikol

Legend

ACGIH - American Conference of Governmental Hygienists

PEL - Permissible Exposure Limit

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CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act

DOT - Department of Transportation

DSL - Domestic Substance List

EPA - Environmental Protection Agency

HMIS - Hazardous Materials Information System

IARC - International Agency for Research on Cancer

MSHA - Mine Safety Health Administration

NDSL - Non-Domestic Substance List

NIOSH - National Institute for Occupational Safety and Health

NTP - National Toxicology Program

OSHA - Occupational Safety and Health Administration

RCRA - Resource Conservation and Recovery Act

RTK - Right To Know

SARA - Superfund Amendments and Reauthorization Act

STEL - Short Term Exposure Limit

TLV - Threshold Limit Value

TSCA - Toxic Substances Control Act

TWA - Time Weighted Average

V - Volume

VOC - Volatile Organic Compound

WHMIS - Workplace Hazardous Materials Information System