

Safety Data Sheet (SDS)

According to GHS (Global Harmonized System) - Hazcom 2012

Date Printed (YYYY-MM-DD): 2022-08-25

Section 1 - Product and Company Information

Product Name: Flex Filler 2 (A-Side)

Product Part Number(s): 2000-CA,

Recommended Use: Flexible and Rigid Epoxy Filler for plastic.

COMPANY IDENTIFICATION:

Polyvance
1128 Kirk Rd.
Rainsville, AL 35986

Information email: info@polyvance.com

EMERGENCY TELEPHONE NUMBER:

24 Hour Emergency contact: Chemtrec: 1-800-424-9300
Outside US: 703-527-3887

Customer Information Number: 256-638-4103 (7AM - 4PM (CST) M-F)

Section 2 - Hazards Identification

Appearance: White high viscosity liquid

Odor: Rotten cabbage smell (mercaptan)

Hazard Statement:

May be harmful if swallowed. Causes skin irritation. Causes eye irritation.

Signal Word: Not Applicable

Signal Word Hazard: Not Applicable

| GHS Physical Hazard Pictogram | GHS Health Hazard Pictogram(s) | GHS Environmental Hazard Pictogram |
|-------------------------------|---|------------------------------------|
| Not Applicable |  Irritant | Not Applicable |

GHS Hazards Statement Codes for This Product

| Statement Type | Statement Code | Statement Text |
|----------------|----------------|-----------------------------|
| Health | H303 | May be harmful if swallowed |
| Health | H315 | Causes skin irritation |
| Health | H320 | Causes eye irritation |

Precautionary Statement:

Keep out of reach of children. Read label before use. Do not get in eyes, on skin, or on clothing.

GHS Precautionary Statement Codes for This Product

| Statement Type | Statement Code | Statement Text |
|----------------|----------------|---|
| General | P102 | Keep out of reach of children |
| General | P103 | Read label before use |
| Prevention | P262 | Do not get in eyes, on skin, or on clothing |

Potential Health Effects

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|-------------------------|--|
| Eye Contact: | Skin: Slightly irritating. Prolonged exposure may cause allergic reaction in susceptible individuals. Eye: Mildly irritating. |
| Skin Absorption: | Redness, allergy reaction, eczema, or skin conditions. |
| Inhalation: | May result in irritation of nose, throat, and respiratory tract. |
| Ingestion: | Slightly toxic. May cause irritation of throat, mouth, and gastrointestinal irritation. |

Section 3 - Composition / Information on Ingredients

| Component | CAS # | ENIECS | REACH Reg. No. | Amount |
|---------------------------------------|-------------|--------|----------------|----------|
| Formaldehyde Polymer | 25155-81-1 | | | 1 - 5% |
| DiVinyl Benzene | 1321-74-0 | | | 1 - 5% |
| Mercaptan-terminated polymer | Proprietary | | | 50 - 60% |
| 2,4,6 Tri(dimethylaminomethyl) Phenol | 90-72-2 | | | 5 - 10% |
| Talc | 14807-96-6 | | | 20 - 30% |
| Titanium Dioxide | 13463-67-7 | | | 1 - 5% |
| Cellulose Fiber | 65996-61-4 | | | 1 - 5% |
| Fumed Silica | 112945-52-5 | | | 1 - 5% |
| Thixotropic Amide Wax | 00110-30-5 | | | 1 - 5% |

Section 4 - First Aid Measures

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| Eye Contact: | Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor. |
| Skin Contact: | Wash with soap and water and rinse thoroughly. |
| Medical Conditions Aggravated by Exposure: | Respiratory tract, skin and gastrointestinal irritation. |

Section 5 - Firefighting Measures

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| Extinguishing Media: | Foam, alcohol foam. CO2, Dry Chemical, Water Fog |
| Unusual Fire or Explosion Hazards: | None |
| Fire Fighting Procedures: | Large fire - use self contained breathing apparatus |

Section 6 - Accidental Release Measures

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|---------------------------------|---|
| Methods For Clean Up: | Soak up with absorbent material and place in ventilated waste container for disposal. |
| Methods for Containment: | Dispose of in an approved chemical waste landfill or incinerate in accordance with applicable federal, state and local regulations. Do not contaminate lakes, streams, or other water supplies. |

Section 7 - Handling and Storage

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|------------------------------------|---|
| General Handling Practices: | Keep out of reach of children. Keep tightly closed. Eating, drinking, and smoking should be prohibited where there is potential exposure to toxic material. For professional use only. Not intended for sale to the general public. |
|------------------------------------|---|

Storage Requirements: Store in a cool, dry, well ventilated place. Keep tightly closed to prevent leakage and retain activity. Store away from open flames. Prevent skin and eye contact with appropriate clothing and safety glasses. Avoid inhalation of dust generated during machining after cure.

Section 8 - Precautions to Control Exposure / Personal Protection

| Component | Source | Type | Value | Remarks |
|-----------------|--------|------|---------|---------|
| DiVinyl Benzene | ACGIH | TLV | 10 ppm | TWA |
| Talc | NIOSH | TWA | 2mg/m3 | TWA |
| Talc | OSHA | TWA | 2mg/m3 | TWA |
| Talc | ACGIH | TLV | 2 mg/m3 | TWA |

Personal Protective Equipment (PPE):

Eye / Face Protection: Safety glasses with side shields.

Skin Protection: Rubber or plastic.

Respiratory Protection: When used in confined area, an approved chemical/mechanical filter, designed to remove a combination of particles and vapors, should be used.

Hygienic Measures: Wash hands before eating, smoking, or using the washroom.

Other Protection Measures: Wear impervious clothing and boots. Eye wash stations and safety showers should be available.

Engineering Controls: Provide sufficient mechanical, general, or local exhaust.

HMIS Personal Protection: E



Section 9 - Physical and Chemical Properties

Appearance: Almost white

Color: White

Odor: Mercaptan (rotten cabbage)

Odor Threshold: No data available

pH: No data available

Melting Point: No data available

Freezing Point: No data available

No data available

Boiling Range: No data available

Flash Point: 65 C (150 F)

Evaporation Rate: No data available

Flammability: No data available

Upper Flammability Limit: 6.2

Lower Flammability Limit: 0.7

Vapor Pressure: No data available

Vapor Density: Heavier than air

Specific Gravity: 1.3

Solubility in Water: Not Soluble

Partition Coefficient: No data available
Autoignition Temperature: No data available
Decomposition Temperature: No data available
Viscosity: No data available

Section 10 - Stability and Reactivity

Chemical Stability: Stable

Conditions to Avoid: Excessive heat, open flame

Incompatible Materials: Strong oxidizing agents, epoxy resins and amines.

Hazardous Decomposition Products: CO, CO₂, H₂S, Oxides of sulfur and nitrogen

Hazardous Polymerization: Will Not Occur

Section 11 - Toxicological Information

Ingestion Toxicity: No data available

Skin Absorption: No data available

Inhalation: No data available

Sensitization: No data available

Acute Dose: No data available

Repeated Dose: No data available

Carcinogenicity: No data available

Corrosivity: No data available

Neurological: No data available

Reproductive: No data available

Genetic: No data available

Developmental: No data available

Eye Irritation: No data available

Skin Irritation: No data available

Target Organs: No data available

Section 12 - Ecological Information

EcoToxicity: No data available

Persistence/Degradability: No data available

Bioaccumulation: No data available

Mobility / Partitioning: No data available

Other Adverse Effects: No data available

Section 13 - Disposal Considerations

Disposal Method: Dispose of in an approved chemical waste landfill or incinerate in accordance with applicable federal, state and local regulations. Do not contaminate lakes, streams, or other water supplies.

Container Disposal: Disposal must be made according to official regulations.

Section 14 - Transport Information

DOT

Proper Shipping Name: Adhesive NOI

IMDG (Maritime transport)

Proper Shipping Name: Adhesive NOI

IATA (Air transport)

Proper Shipping Name: Adhesive NOI

Section 15 - Regulatory Information

Superfund Amendments and Reauthorization Act of 1986 (Emergency Planning and Community Right-to-Know Act of 1986)
Sections 311 and 312

Immediate (Acute) Health Hazard: Not available

Delayed (Chronic) Health Hazard: Not available

Fire Hazard: Not available

Reactive Hazard: Not available

Sudden Release of Pressure: Not available

The following lists hazardous components and the regulatory lists for which they are required to be reported.

Component: 2,4,6 Tri(dimethylaminomethyl) Phenol

CAS: 90-72-2

Amount: 5 - 10%

2,4,6 Tri(dimethylaminomethyl) Phenol is on the California Prop 65 Cancer list.

Component: Cellulose Fiber

CAS: 65996-61-4

Amount: 1 - 5%

Cellulose Fiber is listed with Pennsylvania Right to Know.

Component: DiVinyl Benzene

CAS: 1321-74-0

Amount: 1 - 5%

DiVinyl Benzene is listed with Massachusetts Right to Know.

DiVinyl Benzene is listed with Pennsylvania Right to Know.

Component: Mercaptan-terminated polymer

CAS: Proprietary

Amount: 50 - 60%

Mercaptan-terminated polymer is listed with New Jersey Right to Know.

Component: Talc

CAS: 14807-96-6

Amount: 20 - 30%

Talc is listed with the Illinois toxic substances disclosure to employee act.

Talc is listed with Minnesota Right to Know.

Talc is listed with Pennsylvania Right to Know.

Talc is listed with Rhode Island Right to Know.

Component: Titanium Dioxide

CAS: 13463-67-7

Amount: 1 - 5%

Titanium Dioxide is listed with the Illinois toxic substances disclosure to employee act.

Titanium Dioxide is listed with Massachusetts Right to Know.

Titanium Dioxide is listed with Minnesota Right to Know.

Titanium Dioxide is listed with New Jersey Right to Know.

Titanium Dioxide is listed with Pennsylvania Right to Know.

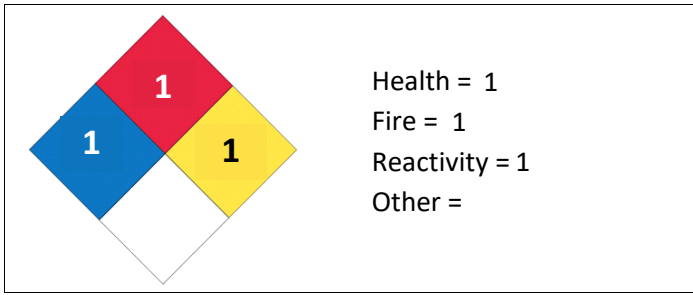
Titanium Dioxide is listed with Rhode Island Right to Know.

is listed with the Occupational Safety and Health Administration (OSHA) as a possible carcinogen.

HMIS Rating (0 - 4)

| | | |
|----------------------------|----------|-------------------------|
| HEALTH | 1 | Health = 1 |
| FIRE | 1 | Fire = 1 |
| PHYSICAL | 1 | Physical = 1 |
| PERSONAL PROTECTION | E | Personal Protection = E |

NFPA Ratings



Section 16 - Other Information

Legend

| | |
|-------|---|
| ACGIH | American Conference of Governmental Hygienists |
| CFR | Code of Federal Regulations |
| DFG | Deutsche Forschungsgemeinschaft |
| HMIS | Hazardous Materials Identification System |
| IARC | International Agency for Research on Cancer |
| MAK | Maximum Allowable Concentration (German) |
| NFPA | National Fire Protection Association |
| NIOSH | National Institute for Occupational Safety and Health |
| OEL | Occupational Exposure Limit |
| RCRA | Resource Conservation and Recovery Act |
| STEL | Short Term Exposure Limit |
| TLV | Threshold Limit Value |
| TWA | Time Weighted Average |

DISCLAIMER

This Safety Data Sheet (SDS) is prepared in compliance with GHS Hazcom 2012. The information may be based in part on information provided by component suppliers and is believed to be correct as of the date hereof. However, no warranty or merchantability, fitness for any use, or any other warranty is expressed or is to be implied regarding the accuracy of this data, the results to be obtained from the use of the material, or the hazards connected with such use. Since the information contained herein may be applied under conditions beyond our control and with which we may be unfamiliar, and since data made available subsequent to the date hereof may suggest modification of the information, we assume no responsibility for the result of its use. This information and material is furnished on the condition that the person receiving it shall make his/her own determination as the suitability of the material for his/her particular purpose and on the condition that he/she assume the risk of his/her use thereof.