

# MSDS - Material Safety Data Sheet

**Product Name: TFE Paste**

**MSDS No.: 023030**

**Part Numbers Covered:**

023001	023032	023044	023056	023077	023251	023005-144	023020-12	099982
023008	023033	023045	023057	023090	023253	023013-C	023020-48	099983
023012	023034	023046	023058	023105	023254	023015-12	023021-48	099984
023013	023035	023047	023059	023150	023255	023015-48	023021-C	374003
023014	023036	023048	023060	023200	023256	023015-C	023026-48	374017
023016	023037	023050	023065	023201	023257	023015-D	023028-12	374017-HB
023022	023038	023051	023066	023202	023259	023015-DB	023028-48	374018-HB
023024	023040	023052	023067	023203	023260	023017-48	023030-D	374031
023029	023041	023053	023071	023204	023265	023019-12	023045-D	374060
023030	023042	023054	023074	023210	023270	023019-48	090 2055	374070
023031	023043	023055	023075	023250	023004-12	023019-C	098420-A	374075
								PV023253

**1. Basic Information:**

**Manufacturer:** William H. Harvey Company  
**Address:** 4334 South 67th Street  
**City, ST Zip:** Omaha, NE 68117-1019  
**Emergency Contact:** CHEMTREC  
**Emergency Telephone Number:** (800)424-9300  
**Contact:** Information Telephone Number  
**Information Telephone Number:** (800)228-9681



**Last Update:** 12/19/2006      **Expiration Date:**  
**Chemical State:**  Liquid       Gas       Solid  
**Chemical Type:**  Pure       Mixture

1	Health
0	Flammability
0	Reactivity
B	Pers. Protection

**2. Ingredients:**

Trade Secret

CAS No.	Chemical Name	% Range	EHS		IARC		SARA		OSHA PEL	ACGIH TLV	Other Limits
			NTP		SUB Z	313					
111-76-2	2-Butoxy Ethanol	1 - 7							50 PPM (Skin)	20 PPM (Skin)	NI
68152-81-8	Air Oxidized Soy Bean Oil	20 - 30							NE	NE	NI
68953-58-2	Alkyl Quaternary Ammonium Bentonite	1 - 8							30mg/m3	.1mg/m3	NI
1317-65-3	Calcium Carbonate	50 - 70							15mg/m3	10mg/m3	NI
9016-45-9	Ethoxylated Nonylphenol	1 - 7							NE	NE	NI
9002-84-0	Polytetrafluoroethylene	2 - 8							NE	NE	NI

**3. Hazardous Identification:**

**Hazard Category:**

Acute       Chronic       Fire       Pressure       Reactive

**Hazardous Identification Information:**

NI

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## 4. First Aid Measures:

**Route(s) of Entry:**

Inhalation  
Skin (Non-Toxic)  
Ingestion (Non-Toxic)

**Health Hazards (Acute and Chronic):**

INHALATION: DO NOT INHALE!

**Signs and Symptoms:**

INHALATION: Possible dizziness and light headedness.

EYES: May cause redness and watering

**Medical Conditions Generally Aggravated by Exposure:**

INHALATION: May cause headache.

EYES: May cause irritation.

**Emergency and First Aid Procedures:**

EMERGENCY FIRST AID CALL: 1-303-623-5716 COLLECT

For inhalation remove to fresh air, seek medical attention if condition persists.  
For eyes, flush with water and consult a physician if irritation increases or persists.

**Other Health Warnings:**

NI

## 5. Fire Fighting Measures:

Flash Point: NE

Lower Explosive Limit: NE

Upper Explosive Limit: NE

F.P. Method:

Fire Extinguishing Media: CARBON DIOXIDE, DRY CHEMICAL OR WATER SPRAY

**Special Fire Fighting Procedures:**

RECOMMEND SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING

**Unusual Fire and Explosion:**

NI

## 6. Accidental Release Measures:

**Steps to be Taken in Case Material is Released or Spilled:**

Scoop up material and place in trash container. Contain spill with sand, dirt, or sawdust.

## 7. Handling and Storage:

**Precautions to be Taken:**

STORE AWAY FROM HEAT, KEEP CONTAINER CLOSED AFTER USE.

**Other Precautions:**

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KEEP OUT OF REACH OF CHILDREN AND PETS

## 8. Exposure Controls/Personal Protection:

### Ventilation Requirements:

Provide adequate ventilation, similar to outdoors.

### Personal Protective Equipment:

Use protective goggles if working overhead, other protective clothing or equipment not required. Use normal good safety and hygienic practices; launder any soiled clothing before re-use.

## 9. Physical and Chemical Properties:

**Boiling Point:** 173° F

**Melting Point:** NE

**Evaporation Rate (Butyl Acetate = 1):** NE

**Vapor Pressure (mm Hg.):** NE

**Specific Gravity (H2O = 1):** 1.67000

**Vapor Density (AIR = 1):** 1

**Solubility In Water:** <5%

**Appearance and Odor:** White paste with slight ether-like odor.

**Other Information:** NI

## 10. Stability and Reactivity:

### Stability:

Product is stable under normal and recommended use conditions.

### Incompatibility (Materials to Avoid):

LIQUID OXYGEN, LIQUID SODIUM; GASEOUS FLUORINE

### Decomposition/By Products:

No decomposition will occur under normal conditions. Hazardous gases/vapors produced in fire are hydrogen fluoride, oxides of carbon and potentially toxic fluorinated compounds.

### Hazardous Polymerization:

Will not occur.

## 11. Toxicological Information:

NDA

## 12. Ecological Information:

AQUATIC TOXICITY: No data is available. Toxicity is expected to be low based on low solubility in water.

## 13. Disposal Considerations:

DISPOSE OF WASTE MATERIAL ACCORDING TO APPLICABLE FEDERAL, STATE, AND LOCAL LAWS AND REGULATIONS

## 14. Transport Information:

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TRANSPORATION INFORMATION:

DOT PROPER SHIPPING NAME: PIPE FITTING CEMENT

DOT LABEL: NON-FLAMMABLE

DOT NUMBER: N/A

UN NUMBER: N/A

IMCO CLASS: N/A

DOT HAZARD CLASSIFICATION: N/A

## 15. Regulatory Information:

NDA

## 16. Other Information:

NI

ABBREVIATIONS:

~ = Approximately

< = Less Than

> = Greater Than

ACGIH = American Conference of Governmental Industrial Hygienists

AIHA = American Industrial Hygiene Association

C = Degrees Celcius

Deg = Degrees

EPA = Environmental Protection Agency

F = Degrees Farenheit

HMIS = Hazardous Materials Information System

IARC = International Agency for Research on Cancer

NA = Not Applicable

NDA = No Data Available

NE = Not Established

NFPA = National Fire Protection Association

NI = Not Indicated

NIOSH = National Institute of Occupational Safety and Health

NTP = National Toxicology Program

OSHA = Occupational Safety and Health Administration

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