



GE6701
INTUMESCENT FIRESTOP

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Manufactured By: Waterford Plant
260 Hudson River Rd
Waterford NY 12188

Revised: 02/01/2008

Preparer: PRODUCT STEWARDSHIP COMPLIANCE AND STANDARDS

CHEMTREC 1-800-424-9300

Chemical Family/Use: Sealant

Formula: Mixture

HMIS

Flammability: 0 Reactivity: 0 Health: 1

NFPA

Flammability: 0 Reactivity: 0 Health: 1

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

CAUTION! May cause eye and skin irritation.

Form: paste Color: light red Odor: Mild

POTENTIAL HEALTH EFFECTS

INGESTION

Non-toxic by ingestion.

SKIN

May cause skin irritation.

INHALATION

Causes irritation of the mouth, nose, and throat. Vapor/Mist may cause: Lung irritation

EYES

May cause eye irritation.

MEDICAL CONDITIONS AGGRAVATED

Skin disorders Eye disorders.

CHRONIC EFFECTS / CARCINOGENICITY

This product or one of its ingredients present at 0.1% or more is NOT listed as a carcinogen or suspected carcinogen by NTP, IARC, or OSHA.

ROUTES OF EXPOSURE

Dermal; Eyes; Inhalation



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3. COMPOSITION / INFORMATION ON INGREDIENTS

<u>PRODUCT COMPOSITION</u>	<u>CAS REG NO.</u>	<u>WGT. %</u>
<u>A. HAZARDOUS</u>		
SULPHURIC ACID	7664-93-9	1 - 5 %
Nitric acid	7697-37-2	1 - 5 %
Triphenyl phosphate	115-86-6	1 - 5 %
<u>B. NON-HAZARDOUS</u>		
Fly Ash	68131-74-8	5 - 10 %
Aluminum hydroxide	21645-51-2	10 - 30 %
Water	7732-18-5	10 - 30 %
2-propenoic acid, polymer	52640-81-0	10 - 30 %
Phosphate Plasticizer	68937-41-7	5 - 10 %

4. FIRST AID MEASURES

INGESTION

No emergency care anticipated.

SKIN

Wash thoroughly with warm water using a mild soap.

INHALATION

Move to fresh air. Seek medical attention if symptoms of exposure develop.

EYES

Rinse immediately with plenty of water for at least 15 minutes. In case of eye irritation seek medical attention.

NOTE TO PHYSICIAN

Treatment is symptomatic and supportive.

5. FIRE-FIGHTING MEASURES

FLASH POINT: > 93.3 °C; 200 °F. estimated
IGNITION TEMPERATURE: Not applicable

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FLAMMABLE LIMITS IN AIR - LOWER (%): Not applicable
FLAMMABLE LIMITS IN AIR - UPPER (%): Not applicable

SENSITIVITY TO STATIC DISCHARGE

Sensitivity to static discharge is not expected., No special precautions required., Wear recommended personal protection equipment.

EXTINGUISHING MEDIA

Foam, Carbon dioxide (CO2), Dry chemical, Large fires:, Water spray

6. ACCIDENTAL RELEASE MEASURES

ACTION TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED

Wipe, scrape or soak up in an inert material and put in a container for disposal. Wear proper protective equipment as specified in the protective equipment section. Remove ignition sources and combustible materials.

7. HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE

Use only in well-ventilated areas. Avoid contact with skin and eyes. Keep away from children. Keep container tightly closed.

STORAGE

Store at ambient temperature.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS

Adequate ventilation to keep dust level below TLV.

RESPIRATORY PROTECTION

No personal respiratory protective equipment normally required. If exposure limits may be exceeded or respiratory irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. A NIOSH/MSHA approved respirator with an organic vapor cartridge is generally acceptable. Supplied airrespirators may be required for high vapor concentrations. Respiratory protection must be provided in accordance with OSHA regulations (see 29 CFR 1910.134).

PROTECTIVE GLOVES

Impermeable or chemical resistant gloves.



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EYE AND FACE PROTECTION

Safety glasses; Goggles

Exposure Guidelines

Component	CAS RN	Source	Value
SULPHURIC ACID	7664-93-9	OSHA Z1, PEL	1 mg/m3
SULPHURIC ACID	7664-93-9	ACGIH, TWA	Thoracic fraction. 0.2 mg/m3
Nitric acid	7697-37-2	ACGIH, TWA	2 ppm
Nitric acid	7697-37-2	ACGIH, STEL	4 ppm
Nitric acid	7697-37-2	OSHA Z1, PEL	2 ppm; 5 mg/m3
Triphenyl phosphate	115-86-6	ACGIH, TWA	3 mg/m3
Triphenyl phosphate	115-86-6	OSHA Z1, PEL	3 mg/m3

Absence of values indicates none found

PEL - OSHA Permissible Exposure Limit; TLV - ACGIH Threshold Limit Value; TWA - Time Weighted Average

OSHA revoked the Final Rule Limits of January 19, 1989 in response to the 11th Circuit Court of Appeals decision (AFL-CIO v. OSHA) effective June 30, 1993. See 29 CFR 1910.1000 (58 FR 35338).

9. PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT - C & F:	100.00 °C; 212 °F
VAPOR PRESSURE (20 C) (MM HG):	Not applicable
FREEZING POINT:	Not applicable
MELTING POINT:	Not applicable
PHYSICAL STATE:	paste
ODOR:	Mild
COLOR:	light red
EVAPORATION RATE (BUTYL ACETATE=1):	> 1
SPECIFIC GRAVITY (WATER=1):	1.10
DENSITY:	No data available
ACID / ALKALINITY (MEQ/G):	Not applicable
pH:	Not applicable
VOLATILE ORGANIC CONTENT (VOL):	22.00 %(m)
SOLUBILITY IN WATER (20 C):	Dilutable
SOLUBILITY IN ORGANIC SOLVENT (STATE SOLVENT):	NF
VOC EXCL. H2O & EXEMPTS (G/L):	35

10. STABILITY AND REACTIVITY

STABILITY

Stable



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HAZARDOUS POLYMERIZATION

Will not occur.

HAZARDOUS THERMAL DECOMPOSITION / COMBUSTION PRODUCTS

Carbon dioxide (CO₂); Carbon monoxide

INCOMPATIBILITY (MATERIALS TO AVOID)

None known.

CONDITIONS TO AVOID

Temperatures over 130 F (54 C).

11. TOXICOLOGICAL INFORMATION

ACUTE ORAL

Remarks: Unknown

ACUTE DERMAL

Remarks: Unknown

ACUTE INHALATION

Remarks: Unknown

OTHER

None.

SENSITIZATION

No data available

SKIN IRRITATION

No data available

EYE IRRITATION

No data available

MUTAGENICITY

Unknown

OTHER EFFECTS OF OVEREXPOSURE

None known.

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12. ECOLOGICAL INFORMATION

ECOTOXICITY

Ecotoxicological data for this product is not available.

DISTRIBUTION

No data available

CHEMICAL FATE

No data available

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD

Dispose of in accordance with appropriate Federal, State, and local regulations.

14. TRANSPORT INFORMATION

Further Information:

This product is not regarded as dangerous goods according to the national and international regulations on the transport of dangerous goods.

15. REGULATORY INFORMATION

Inventories

TSCA list	y (Positive listing)
Philippines Inventory of Chemicals and Chemical Substances (PICCS)	n (Negative listing)
Canada NDSL Inventory	n (Negative listing)
EU list of existing chemical substances	n (Negative listing)
Australia Inventory of Chemical Substances (AICS)	n (Negative listing)
Canada DSL Inventory	n (Negative listing)
Korea Existing Chemicals Inventory (KECI)	n (Negative listing)
China Inventory of Existing Chemical Substances	e (Special case)

For inventories that are marked as quantity restricted or special cases, please contact Momentive.

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US Regulatory Information

SARA (311,312) HAZARD CLASS
Acute Health Hazard

SARA (313) CHEMICALS
7664-93-9, Sulfuric acid7697-37-2, Nitric acid1897-45-6, 2,4,5,6-tetrachloro-1,3-benzenedicarbonitrile7664-93-9, Sulfuric acid50-00-0, Formaldehyde7697-37-2, Nitric acid79-06-1, Acrylamide

CALIFORNIA PROPOSITION 65

WARNING! This product contains a chemical known in the State of California to cause birth defects or other reproductive harm.
50-00-0, Formaldehyde. 1897-45-6, 1,3-Benzenedicarbonitrile, 2,4,5,6-tetrachloro. 79-06-1, 2-Propenamide.

Canadian Regulatory Information

WHMIS HAZARD CLASS
Not reviewed

16. OTHER INFORMATION

OTHER

C = ceiling limit NEGL = negligible EST = estimated NF = none found NA = not applicable
UNKN = unknown NE = none established REC = recommended ND = none determined
V = recommended by vendor SKN = skin TS = trade secret R = recommended
MST = mist NT = not tested STEL = short term exposure limit ppm = parts per million
ppb = parts per billion By-product= reaction by-product, TSCA inventory status not required under 40 CFR part 720.30(h-2)., These data are offered in good faith as typical values and not as product specifications. No warranty, either expressed or implied, is made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.