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## MATERIAL SAFETY DATA SHEET

### 1. PRODUCT IDENTIFICATION

#### INGREDIENT

#### C.A.S. NUMBER

Product Name: JACO FLAMESEAL™  
Product Type: Flexible Intumescent Fire Stopping Sealant

None Assigned

#### HAZARDOUS INGREDIENTS

#### WEIGHT %

Acrylic Polymers  
Proprietary Ingredients

20.0 – 30.0  
7.3 – 13.0

Trade Secret  
Trade Secret

### 2. PHYSICAL DATA

Odor/Appearance	MILD / RED / VISCOUS PASTE	Color	RED
Solubility in Water	DISPERSIBLE	Specific Gravity	1.6
Boiling Point	SAME AS WATER	Melting Point	NOT ESTABLISHED
Freezing Point	SAME AS WATER (32°F)	Vapor Pressure	SAME AS WATER
Vapor Density	SAME AS WATER	pH	7.0 – 10.0

### 3. FIRE AND EXPLOSION HAZARD DATA

Flash Point	N/A	Auto Ignition Temperature	N/A
Flammability Limits - LEL	N/A	Extinguishing Medium	N/A
Flammability Limits - UEL	N/A	Unusual Fire and Explosion Hazards	None
Special Fire Fighting Equipment	N/A		
Special Fire Fighting Procedures:	During a fire, personnel at the scene may be exposed to noxious fumes. Use accepted fire fighting equipment and techniques.		

### 4. REACTIVITY HAZARD DATA

Stability      **PRODUCT IS STABLE**      Hazardous Polymerization      **WILL NOT OCCUR**  
Incompatible Materials:      Avoid contact with strong oxidizing agents, acids, bases.

### 5. HEALTH HAZARD DATA

(Fillers are encapsulated and not expected to be released under normal conditions of use.)

ROUTES OF ENTRY: Inhalation: **YES**      Skin: **YES**      Ingestion: **YES**      Eyes: **YES**  
AGGRIVATED MEDICAL CONDITIONS Pre-existing eye, skin, and respiratory disorders may be aggravated by exposure.

ACUTE HEALTH EFFECTS (Long Term Over Exposure)      **NONE**

CHRONIC HEALTH EFFECTS (Short Term Over Exposure)

Inhalation: Can cause headaches, dizziness, nausea, drowsiness, stupor, irritation to respiratory system.

Skin: Can cause irritation.

Ingestion: Can cause gastrointestinal irritation.

Eyes: Can cause irritation

CARCINOGENICITY: THIS PRODUCT NOT CONSIDERED TO BE CARCINOGENIC

## 6. EXPOSURE CONTROLS / PERSONAL PROTECTION

Respiratory	Wear NIOSHA / MSHA approved respirator when ventilation is not adequate.
Skin	Protect hands with rubber gloves or other suitable protection.
Eyes	Wear suitable eye protection
Face	None Required
Engineering	Provide assisted ventilation if natural ventilation is not adequate

## 7. EMERGENCY FIRST AID PROCEDURES

Inhalation	Avoid over exposure. Leave area to breathe fresh air. If symptoms persist get medical attention.
Skin	Wash thoroughly with soap and water. If irritation persists, rash or other disorders, get medical attention.
Eyes	Flush immediately with running water for 15 minutes, lifting upper and lower lids to insure all material is removed. Get medical attention.
Ingestion	Drink up to three glasses of water to dilute. Do not induce vomiting. Get immediate medical attention.

## 8. HANDLING AND STORAGE PRECAUTIONS

Store under normal warehouse conditions with temperature between 33° and 80°F. Keep from freezing. Keep containers closed when not in use. Prevent inhalation of vapors, ingestion, and contact with skin and eyes. Conditions also apply to emptied containers. Change soiled work clothes frequently. Clean hands thoroughly after handling.

**ACCIDENTAL RELEASE:** Absorb spills with suitable absorbent material. Transfer to appropriate containers for proper disposal.

## 9. TOXICOLOGICAL INFORMATION

This product is considered to be non-toxic.

## 10. ECOLOGICAL INFORMATION

Aquatic Toxicity	NONE	Waterfowl Toxicity	NONE
Biochemical Oxygen Demand	NONE	Food Chain Concentration Potential	NONE

## 11. DISPOSAL CONSIDERATIONS

Not regulated by RCRA. Dispose in compliance with state and local codes.

## 12. ADDITIONAL INFORMATION

### HMIS RATINGS:

Health 1    Flammability 0    Reactivity 0    Special None

### EPA HAZARD RATINGS:

Immediate Health 1    Delayed Health 0    Fire 0    Pressure 0    Reactivity 0

## 13. TRANSPORTATION INFORMATION

This product is not a hazardous material for regulation by DOT.

DOT Shipping Name	NOT REGULATED
DOT Hazard Class	NOT REGULATED

## 14. OTHER INFORMATION

**INTENDED FOR INDUSTRIAL USE ONLY. KEEP OUT OF REACH OF CHILDREN.**

All statements presented are believed to be accurate, however, no guarantee or warranty of any kind is extended.