



Fiber Expansion Joint Material for Concrete ASTM 1751  
Manufactured Exclusively for The J D Russell Company by Temple-Inland (TIN)

## MATERIAL SAFETY DATA SHEET

### 1 PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** Expansion Joint  
**Synonyms:** No information available  
**Molecular Formula:** Not applicable  
**Molecular Weight:** Not applicable

**Supplier:**  
Temple-Inland  
P.O. Drawer N  
Diboll, Texas 75941

**Emergency Telephone:**  
936-829-5511 (Monday - Friday, 8AM - 5PM  
(Central Time))

**Intended Use:** Concrete section dividers

### 2 HAZARDS IDENTIFICATION

**General Information:** Under normal handling, the product is expected to pose low health hazards as the ingredients are firmly embedded in a solid matrix.

#### Emergency Overview

**Physical State:** Solid  
**Color:** Black  
**Odor:** Slight

Low hazard for usual industrial or commercial handling.

#### Potential Health Effects

**Inhalation:** Not expected to be an inhalation hazard.

**Eye Contact:** Not expected to be a route of exposure.

**Skin Contact:** Not expected to be a skin hazard.

**Ingestion:** Not expected to be a route of exposure.

**Chronic Health Effects:** None known.

**OSHA Regulatory Status:** Non-hazardous in purchased form under the criteria of the Federal OSHA Hazard Communication Standard 29 CFR 1910.1200.

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## 3 COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Concentration
wood fiber and/or ligno-cellulosic fibers	not applicable	> 60%
proprietary resin	proprietary	< 25%
proprietary asphalt	proprietary	< 10%
proprietary additives, wax, emulsifiers, colorants, etc.	proprietary	< 5%

Components not listed are not hazardous or are below reportable limits.

## 4 FIRST AID MEASURES

**Inhalation:** If symptomatic, move to fresh air. Get medical attention if symptoms persist.

**Eye Contact:** Any material that contacts the eyes should be washed out immediately with water. If easy to do, remove contact lenses. Get medical attention if symptoms persist.

**Skin Contact:** Wash with soap and water. Get medical attention if symptoms occur.

**Ingestion:** Not expected to be a route of entry. If this product is ingested, irritation of the gastrointestinal tract may occur and should be treated symptomatically. Get medical attention if symptoms occur.

## 5 FIRE-FIGHTING MEASURES

**Extinguishing Media:** Water spray, carbon dioxide or dry chemical

**Special Fire Fighting Procedures:** Wear self-contained breathing apparatus and protective clothing.

**Unusual Fire & Explosion Hazards:** None known.

**Hazardous Combustion Products:** Burning of this product can produce irritating fumes and gases including carbon monoxide, carbon dioxide and aldehydes.

## 6 ACCIDENTAL RELEASE MEASURES

**Personal Precautions:** Wear appropriate personal protective equipment (See Section 8).

**Spill Cleanup Methods:** Not applicable for product in purchased form. Pick up pieces and dispose of properly. Waste may be disposed of by landfill in compliance with federal, state and local requirements.

## 7. HANDLING AND STORAGE

**Handling:** No special handling precautions are warranted for product in purchased form.

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Prevention of Fire and Explosion: Keep away from strong oxidizing agents.

**Storage:** Store in a cool, dry place. Protect from moisture.

## 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

**Exposure Limits:** None established.

**Engineering Controls:** Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne contaminants below acceptable limits.

**Respiratory Protection:** If engineering controls do not keep airborne concentrations below established exposure limits, wear a NIOSH-approved respirator. Contact health and safety professionals for specific information.

**Eye Protection:** Wear safety glasses with side shields (or goggles).

**Skin Protection:** Wear gloves when manually handling this product. Contact glove manufacturer for specific information.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

**Color:** Black

**Odor:** Slight

**Physical State:** Solid

**pH:** Not applicable

**Boiling Point:** Not applicable

**Flash Point:** Not applicable

**Flammability:** Not applicable

**Flammability Limit – Upper (%):** Not applicable

**Flammability Limit – Lower (%):** Not applicable

**Vapor Pressure:** Not applicable

**Vapor Density (Air=1):** Not applicable

**Specific Gravity:** 0.304 at 20°C (68°F)

**Solubility in Water:** Slight

**Partition Coefficient (n-Octanol/water):** No data available

**Autoignition Temperature:** No data available

**Decomposition Temperature:** No data available

## 10 STABILITY AND REACTIVITY

**Stability:** Stable.

**Conditions to Avoid:** Elevated temperatures.

**Incompatible Materials:** None known.

**Hazardous Decomposition Products:** Aldehydes.

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**Possibility of Hazardous Reactions:** Will not occur.

## 11 TOXICOLOGICAL INFORMATION

This product has not been tested for toxicological effects in purchased form.

**Listed Carcinogens:** None

**Acute Effects:** This product is expected to be low hazard for usual industrial or commercial handling.

**Chronic Effects:** None known.

## 12 ECOLOGICAL INFORMATION

This product has not been tested for environmental effects.

## 13 DISPOSAL CONSIDERATIONS

**General Information:** Dispose of waste and residues in accordance with local authority requirements.

**Disposal Methods:** No specific disposal method required.

## 14 TRANSPORT INFORMATION

**DOT:** Not regulated

**IATA:** Not regulated

**IMDG:** Not regulated

## 15 REGULATORY INFORMATION

### Inventory Status

**This product or all components are listed on the following inventory:** TSCA

### US Regulations

**CERCLA Hazardous Substance List (40 CFR 302.4):** None listed.

### SARA Title III

**Section 302 Extremely Hazardous Substance (40 CFR 355, Appendix A):** None listed.

**Section 311/312 (40 CFR 370):** Not listed.

**Section 313 Toxic Release Inventory (40 CFR 372):** None listed.



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**State Regulations**

**California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65):**

Bitumens, extracts of steam-refined and air refined

**Pennsylvania Right-To-Know List:** Asphalt

**Minnesota Hazardous Substances List:** Asphalt fumes

**New Jersey Right-To-Know List:** Asphalt fumes

**16 OTHER INFORMATION**

**Hazard Ratings**

	Health Hazard	Fire Hazard	Reactivity Hazard	Special Hazard
<b>NFPA</b>	1	1	0	--

	Health Hazard	Fire Hazard	Reactivity Hazard
<b>HMIS</b>	1	1	0

\* – Chronic health effect; 0 – Minimal; 1 – Slight; 2 – Moderate; 3 – Serious; 4 – Severe

**Revision Information:** New

**Prepared by:** Temple-Inland

**Issue Date:** 05/20/2009

**Disclaimer:** To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.