



# REFLEX RUBBER EXPANSION JOINT

Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations  
Revision Date: 11/02/2016 Date of Issue: 11/02/2016

Version: 1.0

## SECTION 1: IDENTIFICATION

### 1.1. Product Identifier

**Product Form:** Article

**Product Name:** REFLEX RUBBER EXPANSION JOINT

### 1.2. Intended Use of the Product

**Use of the Substance/Mixture:** Various uses.

### 1.3. Name, Address, and Telephone of the Responsible Party

#### Company

The J D Russell Company

1400 Duraedge Way

Farmersville, TX 75442

T: 520-742-6194

[www.jdrussellco.com](http://www.jdrussellco.com)

### 1.4. Emergency Telephone Number

**Emergency Number** : 520-742-6194

## SECTION 2: HAZARDS IDENTIFICATION

### 2.1. Classification of the Substance or Mixture

#### GHS-US Classification

Not classified

### 2.2. Label Elements

#### GHS-US Labeling

No labeling applicable

### 2.3. Other Hazards

During normal operation and usage, this product does not present inhalation, ingestion, or other chemical hazards. However, operations such as grinding, cutting, burning, and welding may release dusts, fumes, or vapors which may present health hazards. The health hazards described below relate to these non-routine operations, as well as exposure to component materials.

### 2.4. Unknown Acute Toxicity (GHS-US)

No data available

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1. Substance

Not applicable

### 3.2. Mixture

Not applicable. Within the meaning of the OSHA Hazard Communication Standard [29 CFR 1910.1200]: this mixture is not considered a hazard when used in a manner which is consistent with the labeled directions. This mixture is considered an article in its final form.

## SECTION 4: FIRST AID MEASURES

### 4.1. Description of First-aid Measures

**First-aid Measures General:** The need for first aid is not anticipated under normal conditions of use.

**First-aid Measures After Inhalation:** Not expected to be a primary route of exposure. If symptoms occur: Remove to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.

**First-aid Measures After Skin Contact:** Not expected to present a significant dermal hazard under anticipated conditions of normal use.

**First-aid Measures After Eye Contact:** Not expected to be a primary route of exposure. For particulates, dust, or fumes from processing: Flush with plenty of water for at least 15 minutes. Seek medical advice if irritation develops or persists.

**First-aid Measures After Ingestion:** If swallowed, do not induce vomiting. Rinse mouth and obtain medical attention if necessary.

### 4.2. Most Important Symptoms and Effects Both Acute and Delayed

**Symptoms/Injuries:** Not expected to present a significant hazard under anticipated conditions of normal use.

**Symptoms/Injuries After Inhalation:** Not expected to be a primary route of exposure.

**Symptoms/Injuries After Skin Contact:** Not expected to be a primary route of exposure.

**Symptoms/Injuries After Eye Contact:** Not expected to be a primary route of exposure. Fumes from thermal decomposition may cause eye irritation.

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**Symptoms/Injuries After Ingestion:** Not expected to be a primary route of exposure. Ingestion is likely to be harmful or have adverse effects.

**Chronic Symptoms:** None expected under normal conditions of use.

## 4.3. Indication of Any Immediate Medical Attention and Special Treatment Needed

If medical advice is needed, have product container or label at hand.

## SECTION 5: FIRE-FIGHTING MEASURES

### 5.1. Extinguishing Media

**Suitable Extinguishing Media:** Use extinguishing media appropriate for surrounding fire.

**Unsuitable Extinguishing Media:** None known.

### 5.2. Special Hazards Arising From the Substance or Mixture

**Fire Hazard:** Product is not flammable.

**Explosion Hazard:** Product is not explosive.

**Reactivity:** Hazardous reactions will not occur under normal conditions.

### 5.3. Advice for Firefighters

**Precautionary Measures Fire:** Exercise caution when fighting any fire.

**Firefighting Instructions:** Use firefighting measures appropriate for the surrounding fire.

**Protection During Firefighting:** Do not enter fire area without proper protective equipment, including respiratory protection.

**Hazardous Combustion Products:** Aldehydes. Carbon oxides (CO, CO<sub>2</sub>). Acrid smoke and irritating fumes. Hydrocarbons.

Nitrogen oxides. Sulfur oxides.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### 6.1. Personal Precautions, Protective Equipment and Emergency Procedures

**General Measures:** Accidental release of the product does not present a hazard under normal conditions of use.

#### 6.1.1. For Non-Emergency Personnel

**Protective Equipment:** Use of personal protective equipment (PPE) is not generally required but should be evaluated based on the extent and severity of accidental release.

**Emergency Procedures:** Evacuate the area if accidental release presents a significant hazard.

#### 6.1.2. For Emergency Personnel

**Protective Equipment:** Equip cleanup crew with proper protection as conditions warrant.

**Emergency Procedures:** Upon arrival at the scene a first responder is expected to protect oneself and the public, secure the area, and call for the assistance of trained personnel as conditions permit.

### 6.2. Environmental Precautions

The product does not pose a significant hazard to the environment.

### 6.3. Methods and Materials for Containment and Cleaning Up

**For Containment:** Contain the product and collect as any solid.

**Methods for Cleaning Up:** Clean up accidental release immediately and dispose of waste safely. Recover the product by vacuuming, shoveling or sweeping as conditions permit.

### 6.4. Reference to Other Sections

See Section 8 for advice on personal protective equipment and Section 13 for disposal considerations.

## SECTION 7: HANDLING AND STORAGE

### 7.1. Precautions for Safe Handling

**Additional Hazards When Processed:** Further processing of the product requires an evaluation of potential hazards based upon intended use.

**Precautions for Safe Handling:** There are no specific precautions necessary for safe handling of the product.

**Hygiene Measures:** Handle in accordance with good industrial hygiene and safety procedures.

### 7.2. Conditions for Safe Storage, Including Any Incompatibilities

**Technical Measures:** No technical measures are necessary for storage of the product.

**Storage Conditions:** No specific conditions are required for storage of the product.

**Incompatible Products:** None known.

### 7.3. Specific End Use(s)

Various uses.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control Parameters

For substances listed in section 3 that are not listed here, there are no established exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency including: ACGIH (TLV), AIHA (WEEL), NIOSH (REL), or OSHA (PEL).

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## 8.2. Exposure Controls

- Appropriate Engineering Controls** : Engineering controls are not required for normal use of this product.  
**Personal Protective Equipment** : Personal protective equipment is not generally required but should be evaluated based on conditions of use.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on Basic Physical and Chemical Properties

Physical State	: Solid
Appearance	: Black
Odor	: Slight rubber smell
Odor Threshold	: No data available
pH	: No data available
Evaporation Rate	: No data available
Melting Point	: 400 °F (204.44 °C)
Freezing Point	: No data available
Boiling Point	: No data available
Flash Point	: No data available
Auto-ignition Temperature	: No data available
Decomposition Temperature	: No data available
Flammability (solid, gas)	: No data available
Vapor Pressure	: No data available
Relative Vapor Density at 20°C	: No data available
Relative Density	: No data available
Solubility	: Water: Not soluble
Partition Coefficient: N-Octanol/Water	: No data available
Viscosity	: No data available

**9.2. Other Information** No additional information available

## SECTION 10: STABILITY AND REACTIVITY

- 10.1. Reactivity:** Hazardous reactions will not occur under normal conditions.  
**10.2. Chemical Stability:** Stable under recommended handling and storage conditions.  
**10.3. Possibility of Hazardous Reactions:** Hazardous polymerization will not occur.  
**10.4. Conditions to Avoid:** Extremely high or low temperatures.  
**10.5. Incompatible Materials:** None known.  
**10.6. Hazardous Decomposition Products:** None known.

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1. Information on Toxicological Effects

**Acute Toxicity:** Not classified

**Skin Corrosion/Irritation:** Not classified

**Serious Eye Damage/Irritation:** Not classified

**Respiratory or Skin Sensitization:** Not classified

**Germ Cell Mutagenicity:** Not classified

**Carcinogenicity:** Not classified

**Reproductive Toxicity:** Not classified

**Specific Target Organ Toxicity (Single Exposure):** Not classified

**Specific Target Organ Toxicity (Repeated Exposure):** Not classified

**Aspiration Hazard:** Not classified

**Symptoms/Injuries After Inhalation:** Not expected to be a primary route of exposure.

**Symptoms/Injuries After Skin Contact:** Not expected to be a primary route of exposure.

**Symptoms/Injuries After Eye Contact:** Not expected to be a primary route of exposure.

**Symptoms/Injuries After Ingestion:** Not expected to be a primary route of exposure. Ingestion is likely to be harmful or have adverse effects.

**Chronic Symptoms:** None expected under normal conditions of use.

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## SECTION 12: ECOLOGICAL INFORMATION

### 12.1. Toxicity

Ecology - General : Not classified.

### 12.2. Persistence and Degradability

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Persistence and Degradability	Not established.
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### 12.3. Bioaccumulative Potential

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Bioaccumulative Potential	Not established.
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12.4. Mobility in Soil No additional information available

### 12.5. Other Adverse Effects

Other Information : Avoid release to the environment.

## SECTION 13: DISPOSAL CONSIDERATIONS

### 13.1. Waste Treatment Methods

Waste Disposal Recommendations: Dispose in a safe manner in accordance with local, regional, national, and international regulations.

## SECTION 14: TRANSPORT INFORMATION

The shipping description(s) stated herein were prepared in accordance with certain assumptions at the time the SDS was authored, and can vary based on a number of variables that may or may not have been known at the time the SDS was issued.

14.1. In Accordance with DOT Not regulated for transport

14.2. In Accordance with IMDG Not regulated for transport

14.3. In Accordance with IATA Not regulated for transport

## SECTION 15: REGULATORY INFORMATION

15.1. US Federal Regulations Neither this product nor its chemical components appear on any US federal lists.

15.2. US State Regulations Neither this product nor its chemical components appear on any US state lists.

## SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

Revision Date : 11/02/2016

Other Information : This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.*

SDS US (GHS HazCom)