



## MATERIAL SAFETY DATA SHEET

Bemis Associates Inc  
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Shirley, MA 01464  
USA

Emergency Telephone Number 0001 978 425 6761

### 1. Product and Company Information

**Product Name:** 3415  
**Chemical Family:** Polyurethane

### 2. Hazards Identification

#### Potential Health Effects

**Primary Routes of Entry:** Skin contact, eye contact, inhalation, ingestion.

**Medical Conditions Aggravated by Exposure:** None known.

#### HUMAN EFFECTS AND SYMPTOMS OF OVEREXPOSURE

##### Skin

If molten material contacts the skin, burns will result.

##### Eye Contact

May cause irritation with symptoms of reddening, tearing and stinging.

##### Inhalation

When molten the material may give off fumes which may cause respiratory tract irritation with symptoms of coughing, sore throat and runny nose.

##### Ingestion

Not a probable route of exposure.

##### General Effects of Exposure

No applicable information was found concerning any adverse health effects from overexposure to this product.

##### Carcinogenicity

Classified as non toxic by OSHA.

### 3. Composition / Information on Ingredients

#### **Hazardous Components**

None by reference to OSHA 29 CFR 1910, Hazard Communication Standard.

### 4. First Aid Measures

#### **Skin Contact**

The product is not likely to be hazardous by skin contact, but washing with soap and water after handling is advisable. If molten material gets on the skin, cool rapidly with cold water. Do not attempt to peel the material from the skin and get medical attention.

#### **Eye Contact**

In case of contact flush eyes with plenty of lukewarm water for at least 15 minutes. Get medical attention.

#### **Inhalation**

No specific intervention as the material is unlikely to be hazardous by inhalation. If exposed to fumes from overheating or combustion of the material, remove to fresh air and get medical attention if irritation develops.

#### **Ingestion**

Not a probable route of exposure, the material is unlikely to be hazardous by ingestion.

### 5. Fire – Fighting Measures

#### **Suitable Extinguishing Media**

Water, foam, dry powder and carbon dioxide

#### **Special Firefighting Procedures**

Firefighters should be equipped with self contained breathing apparatus to protect against potentially toxic and irritating fumes.

#### **Unusual Fire / Explosion Hazard**

Toxic and irritating gases / fumes may be given off during burning or thermal decomposition.

### 6. Accidental Release Measures

#### **Spill and Leak Procedures**

Clean - up personnel must use appropriate personal protective equipment. Allow product to cool if hot or molten, sweep or scrape into secure containers for disposal.

## 7. Handling and Storage

### Handling / Storage Precautions

Use with adequate ventilation and personal protection. Practice good hygiene after handling

### Further Information on Storage

Store in a cool dry place away from direct sunlight and sources of heat.

## 8. Exposure Controls / Personal protection

### Industrial Hygiene / Ventilation Measures

Thermal processing operations should be ventilated to control fumes which might be given off during processing.

### Respiratory Protection

None required in ventilated work areas. In the case of insufficient ventilation around thermal processing operations then wear suitable respiratory equipment. An NIOSH approved air purifying respirator with organic vapour cartridges and particulate prefilter can be used to minimize exposure.

### Hand Protection

Permeation resistant gloves should be worn during handling.

### Eye Protection

Safety goggles or safety glasses with side shields should be worn during processing.

### Skin and Body Protection

Permeation resistant clothing should be worn.

### Additional Protective Measures

As with all chemical materials practice good hygiene after use. Employees should wash their hands and face before eating and drinking. Emergency eye wash stations should also be available.

## 9. Physical and Chemical Properties

Form:	Solid
Colour:	Translucent
Odour:	Slight
pH:	Not established
Flash point:	Not established
Lower explosion limit:	Not established
Upper explosion limit:	Not established
Vapour pressure:	Not applicable
Specific gravity:	1.18 – 1.2
Solubility in water:	Insoluble
Melting point:	85°C (185°F)

## 10. Stability and Reactivity

### Hazardous Reactions

Hazardous polymerization does not occur.

### Stability

Stable.

### Conditions to Avoid

Avoid prolonged exposure to elevated temperatures.

### Hazardous Decomposition Products

By fire and thermal decomposition: Carbon dioxide, carbon monoxide, carbon, hydrocarbon oxidative products including organic acids, aldehydes and alcohols.

## 11. Toxicological Information

No information available.

## 12. Ecological Information

No Information available.

## 13. Disposal considerations

### Waste Disposal Method

Waste disposal should be in accordance with existing federal, state and local environmental control laws.

## 14. Transport Information

### Land transportation (DOT)

Not regulated.

### Sea transportation (IMDG)

Not regulated.

### Air transportation (IATA)

Not regulated.

## 15. Regulatory Information

### US Toxic Substances Control Act

Listed on the TSCA Inventory.

### State Right to Know Information

No substances on the state hazardous substances list, for the states listed below, are used in the manufacture of this product.

Pennsylvania

New Jersey

California

## 16. Other Information

Contact Person:	Environmental Health and Safety Manager
Telephone:	0001 978-425-6761