



## Safety Data Sheet

### ELASTOCAST R7F118-1.8-18S-LO NAT

Revision date : 2013/03/28  
Version: 1.0

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(30591233/SDS\_GEN\_US/EN)

#### 1. Product and Company Identification

Company  
Master Pack  
32302 Camino Capistrano, Suite 201  
San Juan Capistrano, CA 92675

24 Hour Emergency Response Information  
CHEMTREC: 1-800-424-9300  
Master Pack: 949-487-2068

Chemical family:	resin
Synonyms:	Urethane System Resin Component

#### 2. Hazards Identification

##### Emergency overview

CAUTION:  
MAY CAUSE EYE, SKIN AND RESPIRATORY TRACT IRRITATION.  
MAY BE HARMFUL IF SWALLOWED.

State of matter: gaseous  
Colour: white opaque  
Odour: slight odour

##### Potential health effects

###### **Primary routes of exposure:**

Routes of entry for solids and liquids include eye and skin contact, ingestion and inhalation. Routes of entry for gases include inhalation and eye contact. Skin contact may be a route of entry for liquified gases.

###### **Acute toxicity:**

Ingestion may cause gastrointestinal disturbances.

###### **Irritation / corrosion:**

Irritating to respiratory system. Irritating to eyes and skin.

###### **Assessment other acute effects:**

Based on the available information there is no specific target organ toxicity to be expected after a single exposure.

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### **Sensitization:**

The chemical structure does not suggest a sensitizing effect.

### **Chronic toxicity:**

**Carcinogenicity:** The chemical structure does not suggest a specific alert for such an effect.

**Repeated dose toxicity:** No known chronic effects.

**Reproductive toxicity:** The chemical structure does not suggest a specific alert for such an effect.

**Teratogenicity:** The chemical structure does not suggest a specific alert for such an effect.

**Genotoxicity:** The chemical structure does not suggest a specific alert for such an effect.

### **Medical conditions aggravated by overexposure:**

Data available do not indicate that there are medical conditions that are generally recognized as being aggravated by exposure to this substance/product.

### **Signs and symptoms of overexposure:**

No significant reaction of the human body to the product known.

No hazards anticipated.

### **Potential environmental effects**

#### **Aquatic toxicity:**

There is a high probability that the product is not acutely harmful to aquatic organisms.

#### **Degradation / environmental fate:**

Poorly biodegradable.

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### **3. Composition / Information on Ingredients**

<b><u>CAS Number</u></b>	<b><u>Content (W/W)</u></b>	<b><u>Chemical name</u></b>
	< 75.0 %	Polyol
	< 20.0 %	Flame Retardant
460-73-1	< 10.0 %	Propane, 1,1,1,3,3-pentafluoro-

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### 4. First-Aid Measures

#### General advice:

Remove contaminated clothing.

#### If inhaled:

Remove the affected individual into fresh air and keep the person calm. Assist in breathing if necessary. Immediate medical attention required.

#### If on skin:

Wash affected areas thoroughly with soap and water. If irritation develops, seek medical attention.

#### If in eyes:

In case of contact with the eyes, rinse immediately for at least 15 minutes with plenty of water. Immediate medical attention required.

#### If swallowed:

Rinse mouth and then drink plenty of water. Do not induce vomiting. Never induce vomiting or give anything by mouth if the victim is unconscious or having convulsions. Immediate medical attention required.

#### Note to physician

Treatment: Treat according to symptoms (decontamination, vital functions), no known specific antidote.

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### 5. Fire-Fighting Measures

Flash point:	> 94.00 °C	(closed cup)
Autoignition:	> 250 °C	
Lower explosion limit:		For liquids not relevant for classification and labelling. The lower explosion point may be 5 - 15 °C below the flash point.
Upper explosion limit:		For liquids not relevant for classification and labelling.
Self-ignition temperature:		not self-igniting

#### Suitable extinguishing media:

water spray, dry powder, carbon dioxide, foam

#### Hazards during fire-fighting:

No particular hazards known.

#### Protective equipment for fire-fighting:

Firefighters should be equipped with self-contained breathing apparatus and turn-out gear.

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### 6. Accidental release measures

**Cleanup:**

Spills should be contained, solidified, and placed in suitable containers for disposal.

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### 7. Handling and Storage

#### Handling

**General advice:**

Ensure thorough ventilation of stores and work areas. Protect against moisture. Product should not be mixed with air above atmospheric pressure for leak testing or any other purpose. Use dry nitrogen to transfer or leak test equipment pressurized with product.

**Protection against fire and explosion:**

No explosion proofing necessary.

#### Storage

**General advice:**

No special precautions necessary. Avoid extreme heat. Store protected against freezing.

**Storage stability:**

Storage temperature: 16 - 27 °C

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### 8. Exposure Controls and Personal Protection

**Advice on system design:**

Provide local exhaust ventilation to control vapours/mists.

#### Personal protective equipment

**Respiratory protection:**

Wear a NIOSH-certified (or equivalent) organic vapour/particulate respirator as needed.

**Hand protection:**

Chemical resistant protective gloves

**Eye protection:**

Wear face shield or tightly fitting safety goggles (chemical goggles) if splashing hazard exists.

**General safety and hygiene measures:**

Avoid contact with skin. Handle in accordance with good industrial hygiene and safety practice. Wear protective clothing as necessary to prevent contact. Avoid inhalation of vapours/mists. Wash soiled clothing immediately.

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### 9. Physical and Chemical Properties

Form:	liquid	
Odour:	slight odour	
Colour:	white opaque	
pH value:	7.0	
Melting point:	-103.00 °C	
Boiling point:	15.30 °C	
Vapour pressure:	52.00 mmHg	( 20.00 °C)
Density:	8.7200 lb/USg	( 25.00 °C)
Vapour density:		not applicable
Partitioning coefficient n-octanol/water (log Pow):		not applicable
Viscosity, dynamic:	600.000 mPa.s	( 25.00 °C)
Solubility in water:		slightly soluble
Other Information:	If necessary, information on other physical and chemical parameters is indicated in this section.	

### 10. Stability and Reactivity

#### Conditions to avoid:

Temperature: < 0 degrees Celsius

#### Hazardous reactions:

The product is chemically stable.

#### Decomposition products:

Hazardous decomposition products: carbon monoxide, carbon dioxide

#### Thermal decomposition:

No decomposition if stored and handled as prescribed/indicated.

#### Corrosion to metals:

No corrosive effect on metal.

#### Oxidizing properties:

Not an oxidizer.

### 11. Toxicological information

#### Acute toxicity

Information on: Propane, 1,1,1,3,3-pentafluoro-

Information on: Flame Retardant

Assessment of acute toxicity:

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Of moderate toxicity after single ingestion. Virtually nontoxic by inhalation. Virtually nontoxic after a single skin contact.

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**Irritation / corrosion**

Information on: Polyol  
Assessment of irritating effects:  
Contact may result in skin irritation. Contact may result in eye irritation.

Information on: Propane, 1,1,1,3,3-pentafluoro-  
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**Sensitization**

Information on: Propane, 1,1,1,3,3-pentafluoro-  
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Result: Non-sensitizing.

**Repeated dose toxicity**

Information on: Propane, 1,1,1,3,3-pentafluoro-

Information on: Flame Retardant  
Assessment of repeated dose toxicity:  
May affect the liver and kidneys as indicated in animal studies.  
The substance may cause damage to the testes after repeated inhalation.  
Prolonged and repeated exposure may cause effects on the liver.  
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**Carcinogenicity**

Information on: Propane, 1,1,1,3,3-pentafluoro-  
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**Aspiration Hazard:**

No aspiration hazard expected.

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## 12. Ecological Information

**Other adverse effects:**

The product has not been tested. Do not discharge product into the environment without control.

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### 13. Disposal considerations

#### Waste disposal of substance:

Incinerate in a licensed facility. Dispose of in a licensed facility. Do not discharge substance/product into sewer system.

#### Container disposal:

Steel drums must be emptied and can be sent to a licensed drum reconditioner for reuse, a scrap metal dealer or an approved landfill. Do not attempt to refill or clean containers since residue is difficult to remove. Under no circumstances should empty drums be burned or cut open with gas or electric torch as toxic decomposition products may be liberated. Do not reuse empty containers.

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### 14. Transport Information

Reference Bill of Lading

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### 15. Regulatory Information

#### Federal Regulations

##### Registration status:

Chemical TSCA, US released / listed

OSHA hazard category: No data available.;

EPCRA 311/312 (Hazard categories): Not hazardous;

#### State regulations

##### CA Prop. 65:

THIS PRODUCT CONTAINS A CHEMICAL(S) KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER.

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### 16. Other Information

Recommended use: polyurethane component industrial chemicals  
Suitable for use in industrial sector: Polymers industry; chemical industry

#### NFPA Hazard codes:

Health : 1                      Fire: 1                      Reactivity: 1                      Special:

#### HMIS III rating

Health: 1                      Flammability: 1                      Physical hazard: 1

NFPA and HMIS use a numbering scale ranging from 0 to 4 to indicate the degree of hazard. A value of zero means that the substance possesses essentially no hazard; a rating of four indicates extreme danger. Although similar, the two rating systems are intended for different purposes, and use different criteria. The NFPA system was developed to provide an on-the-spot alert to the hazards of a material, and their severity, to emergency responders. The HMIS system was designed to communicate workplace hazard information to employees who handle hazardous chemicals.

We support worldwide Responsible Care® initiatives. We value the health and safety of our employees, customers, suppliers and neighbors, and the protection of the environment. Our commitment to Responsible Care is integral to conducting our business and operating our facilities in a safe and environmentally responsible fashion, supporting our customers and suppliers in ensuring the safe and environmentally sound handling of our products, and minimizing the impact of our operations on society and the environment during production, storage, transport, use and disposal of our products.

SDS Prepared by:

BASF NA Product Regulations

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SDS Prepared on: 2013/03/28

IMPORTANT: WHILE THE DESCRIPTIONS, DESIGNS, DATA AND INFORMATION CONTAINED HEREIN ARE PRESENTED IN GOOD FAITH AND BELIEVED TO BE ACCURATE , IT IS PROVIDED FOR YOUR

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