

# Safety Data Sheet

## Joncryl® 693

Revision date : 2018/07/10

Version: 6.0

Page: 1/10

(30282508/SDS\_GEN\_US/EN)

### 1. Identification

#### Product identifier used on the label

## Joncryl® 693

#### Recommended use of the chemical and restriction on use

Recommended use\*: for industrial use only

Suitable for use in industrial sector: chemical industry

\* The "Recommended use" identified for this product is provided solely to comply with a Federal requirement and is not part of the seller's published specification. The terms of this Safety Data Sheet (SDS) do not create or infer any warranty, express or implied, including by incorporation into or reference in the seller's sales agreement.

#### Details of the supplier of the safety data sheet

##### Company:

BASF CORPORATION

100 Park Avenue

Florham Park, NJ 07932, USA

Telephone: +1 973 245-6000

#### Emergency telephone number

CHEMTREC: 1-800-424-9300

BASF HOTLINE: 1-800-832-HELP (4357)

#### Other means of identification

Chemical family: Polymer

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### 2. Hazards Identification

#### According to Regulation 2012 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200

#### Classification of the product

Aquatic Acute

3

Hazardous to the aquatic environment - acute

#### Label elements

Hazard Statement:

H402

Harmful to aquatic life.

Precautionary Statements (Prevention):

# Safety Data Sheet

## Joncryl® 693

Revision date : 2018/07/10  
Version: 6.0

Page: 2/10  
(30282508/SDS\_GEN\_US/EN)

P273 Avoid release to the environment.

Precautionary Statements (Disposal):

P501 Dispose of contents/container to hazardous or special waste collection point.

### Hazards not otherwise classified

The product is under certain conditions capable of dust explosion.

## 3. Composition / Information on Ingredients

**According to Regulation 2012 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200**

<u>CAS Number</u>	<u>Weight %</u>	<u>Chemical name</u>
79-10-7	>= 0.2 - < 0.3%	acrylic acid

The product contains:

<u>CAS Number</u>	<u>Weight %</u>	<u>Chemical name</u>
Trade Secret	> 99.0%	Modified acrylic copolymer

## 4. First-Aid Measures

### Description of first aid measures

#### General advice:

Remove contaminated clothing.

#### If inhaled:

If difficulties occur after dust has been inhaled, remove to fresh air and seek medical attention.

#### If on skin:

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

#### If in eyes:

Wash affected eyes for at least 15 minutes under running water with eyelids held open. If irritation develops, seek medical attention.

#### If swallowed:

Rinse mouth and then drink plenty of water. Do not induce vomiting. Seek medical attention if necessary.

### Most important symptoms and effects, both acute and delayed

Symptoms: The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11.

### Indication of any immediate medical attention and special treatment needed

#### Note to physician

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

# Safety Data Sheet

## Joncryl® 693

Revision date : 2018/07/10  
Version: 6.0

Page: 3/10  
(30282508/SDS\_GEN\_US/EN)

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### 5. Fire-Fighting Measures

#### Extinguishing media

Suitable extinguishing media:  
dry powder, foam

Unsuitable extinguishing media for safety reasons:  
carbon dioxide

Additional information:

Avoid whirling up the material/product because of the danger of dust explosion.

#### Special hazards arising from the substance or mixture

Hazards during fire-fighting:

Evolution of fumes/fog. The substances/groups of substances mentioned can be released in case of fire.

#### Advice for fire-fighters

Protective equipment for fire-fighting:

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

#### Further information:

Dusty conditions may ignite explosively in the presence of an ignition source causing flash fire.

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### 6. Accidental release measures

#### Further accidental release measures:

Avoid dispersal of dust in the air (i.e., clearing dust surfaces with compressed air). Avoid the formation and build-up of dust - danger of dust explosion. Dust in sufficient concentration can result in an explosive mixture in air. Handle to minimize dusting and eliminate open flame and other sources of ignition.

#### Personal precautions, protective equipment and emergency procedures

Avoid dust formation. Use personal protective clothing. Avoid contact with skin and eyes. Handle in accordance with good industrial hygiene and safety practice.

#### Environmental precautions

Contain contaminated water/firefighting water. Do not discharge into drains/surface waters/groundwater.

#### Methods and material for containment and cleaning up

Nonsparking tools should be used.

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### 7. Handling and Storage

#### Precautions for safe handling

Closed containers should only be opened in well-ventilated areas.

Protection against fire and explosion:

# Safety Data Sheet

## Joncryl® 693

Revision date : 2018/07/10

Page: 4/10

Version: 6.0

(30282508/SDS\_GEN\_US/EN)

Dust in sufficient concentration can result in an explosive mixture in air. Handle to minimize dusting and eliminate open flame and other sources of ignition. Routine housekeeping should be instituted to ensure that dusts do not accumulate on surfaces. Dry powders can build static electricity charges when subjected to the friction of transfer and mixing operations. Provide adequate precautions, such as electrical grounding and bonding, or inert atmospheres. Refer to NFPA 654, Standard for the Prevention of Fire and Dust Explosions from the Manufacturing, Processing, and Handling of Combustible Particulate Solids (2013 Edition) for safe handling.

### Conditions for safe storage, including any incompatibilities

Further information on storage conditions: Keep container tightly closed and dry; store in a cool place. Protect from the effects of light. Keep container in a well-ventilated place.

## 8. Exposure Controls/Personal Protection

### Components with occupational exposure limits

acrylic acid	OSHA PEL	SKIN_FINAL ; The substance can be absorbed through the skin. TWA value 10 ppm 30 mg/m <sup>3</sup> ;
	ACGIH TLV	TWA value 2 ppm ; Skin Designation ; The substance can be absorbed through the skin.

### **Advice on system design:**

It is recommended that all dust control equipment such as local exhaust ventilation and material transport systems involved in handling of this product contain explosion relief vents or an explosion suppression system or an oxygen deficient environment. Ensure that dust-handling systems (such as exhaust ducts, dust collectors, vessels, and processing equipment) are designed in a manner to prevent the escape of dust into the work area (i.e., there is no leakage from the equipment). Use only appropriately classified electrical equipment and powered industrial trucks.

### Personal protective equipment

#### **Respiratory protection:**

Wear a NIOSH-certified (or equivalent) particulate respirator.

Observe OSHA regulations for respirator use (29 CFR 1910.134).

#### **Hand protection:**

Chemical resistant protective gloves

#### **Eye protection:**

Safety glasses with side-shields. Wear face shield if splashing hazard exists.

#### **General safety and hygiene measures:**

Wear protective clothing as necessary to minimize contact. Handle in accordance with good industrial hygiene and safety practice.

## 9. Physical and Chemical Properties

Form:	solid
Odour:	mild
Colour:	white
pH value:	of low solubility
Flash point:	Study scientifically not justified.

# Safety Data Sheet

## Joncryl® 693

Revision date : 2018/07/10  
Version: 6.0

Page: 5/10  
(30282508/SDS\_GEN\_US/EN)

Flammability:	not flammable
Lower explosion limit:	As a result of our experience with this product and our knowledge of its composition we do not expect any hazard as long as the product is used appropriately and in accordance with the intended use.
Upper explosion limit:	As a result of our experience with this product and our knowledge of its composition we do not expect any hazard as long as the product is used appropriately and in accordance with the intended use.
Autoignition:	Study scientifically not justified.
Density:	1.16 g/cm <sup>3</sup> ( 20 °C)
Relative density:	1.16 ( 20 °C)
Bulk density:	approx. 450 - 710 kg/m <sup>3</sup>
Solubility in water:	slightly soluble
Other Information:	No data available.

## 10. Stability and Reactivity

### Reactivity

No hazardous reactions if stored and handled as prescribed/indicated.

### Chemical stability

The product is stable if stored and handled as prescribed/indicated.

### Possibility of hazardous reactions

The product may contain explosive fine dust or such dust may be produced by abrasion during transport or product transfer.

### Conditions to avoid

Avoid dust formation.

### Incompatible materials

No substances known that should be avoided.

### Hazardous decomposition products

Decomposition products:

Hazardous decomposition products: No hazardous decomposition products if stored and handled as prescribed/indicated.

## 11. Toxicological information

### Primary routes of exposure

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

### Acute Toxicity/Effects

# Safety Data Sheet

## Joncryl® 693

Revision date : 2018/07/10

Version: 6.0

Page: 6/10

(30282508/SDS\_GEN\_US/EN)

### Acute toxicity

Assessment of acute toxicity: Virtually nontoxic after a single ingestion. Virtually nontoxic after a single skin contact. Virtually nontoxic by inhalation. Ingestion may cause gastrointestinal disturbances. The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

### Oral

Type of value: LD50

Species: rat

Value: > 2,000 - 10,000 mg/kg

### Inhalation

Type of value: ATE

Value: > 5 mg/l

Exposure time: 4 h

Determined for dust

### Dermal

Type of value: ATE

Value: > 5,000 mg/kg

### Assessment other acute effects

Assessment of STOT single:

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

### Irritation / corrosion

Assessment of irritating effects: Not irritating to eyes and skin. May cause mechanical irritation. If the product adheres to skin, irritation may occur when it dries. The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

### Skin

Species: rabbit

Result: non-irritant

Method: OECD Guideline 404

### Eye

Species: rabbit

Result: non-irritant

Method: OECD Guideline 405

### Sensitization

Assessment of sensitization: Skin sensitizing effects were not observed in animal studies. The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

Species: guinea pig

Result: Non-sensitizing.

Method: OECD Guideline 406

### Aspiration Hazard

not applicable

## **Chronic Toxicity/Effects**

### Repeated dose toxicity

# Safety Data Sheet

## Joncryl® 693

Revision date : 2018/07/10

Page: 7/10

Version: 6.0

(30282508/SDS\_GEN\_US/EN)

Assessment of repeated dose toxicity: No adverse effects were observed after repeated exposure in animal studies. The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

### Genetic toxicity

Assessment of mutagenicity: The substance was not mutagenic in bacteria. The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

### Carcinogenicity

Assessment of carcinogenicity: The whole of the information assessable provides no indication of a carcinogenic effect.

### Reproductive toxicity

Assessment of reproduction toxicity: Not expected to cause reproductive toxicity (based on composition).

### Teratogenicity

Assessment of teratogenicity: The data available for an assessment of the effect of the substance on developmental toxicity are not sufficient for a proper evaluation.

### Other Information

The product has not been tested. The statement has been derived from the properties of the individual components.

## Symptoms of Exposure

The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11.

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## 12. Ecological Information

### Toxicity

#### Aquatic toxicity

Assessment of aquatic toxicity:

There is a high probability that the product is not acutely harmful to aquatic organisms. The product has not been tested. The statement has been derived from the properties of the individual components.

#### Toxicity to fish

LC50 (96 h), Fish  
not determined

#### Aquatic invertebrates

EC50 (48 h), daphnia  
not determined

#### Aquatic plants

EC50 (72 h), algae  
not determined

#### Chronic toxicity to fish

No data available.

#### Chronic toxicity to aquatic invertebrates

# Safety Data Sheet

## Joncryl® 693

Revision date : 2018/07/10

Version: 6.0

Page: 8/10

(30282508/SDS\_GEN\_US/EN)

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No data available.

### Assessment of terrestrial toxicity

No data available concerning terrestrial toxicity.

### **Microorganisms/Effect on activated sludge**

#### Toxicity to microorganisms

bacteria/EC50 (0.5 h):

not determined

### **Persistence and degradability**

#### Assessment biodegradation and elimination (H2O)

The product can be virtually eliminated from water by abiotic processes e.g. adsorption onto activated sludge.

### **Bioaccumulative potential**

#### Assessment bioaccumulation potential

The product has not been tested.

### **Mobility in soil**

#### Assessment transport between environmental compartments

No data available.

### **Additional information**

Add. remarks environm. fate & pathway:

Treatment in biological waste water treatment plants has to be performed according to local and administrative regulations.

Other ecotoxicological advice:

Do not release untreated into natural waters. At the present state of knowledge, no negative ecological effects are expected.

Ecological data are determined by analogy.

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## **13. Disposal considerations**

### **Waste disposal of substance:**

Do not discharge into drains/surface waters/groundwater. Dispose of in accordance with national, state and local regulations.

### **Container disposal:**

Dispose of in accordance with national, state and local regulations. Recommend crushing, puncturing or other means to prevent unauthorized use of used containers.

The packaging must not be re-used. Recommend crushing, puncturing or other means to prevent unauthorized use of used containers.

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## **14. Transport Information**

### **Land transport**

USDOT



# Safety Data Sheet

## Joncryl® 693

Revision date : 2018/07/10  
Version: 6.0

Page: 9/10  
(30282508/SDS\_GEN\_US/EN)

Not classified as a dangerous good under transport regulations

### Sea transport IMDG

Not classified as a dangerous good under transport regulations

### Air transport IATA/ICAO

Not classified as a dangerous good under transport regulations

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## 15. Regulatory Information

### Federal Regulations

#### Registration status:

Chemical TSCA, US released / listed

**EPCRA 311/312 (Hazard categories):** Refer to SDS section 2 for GHS hazard classes applicable for this product.

#### NFPA Hazard codes:

Health: 1 Fire: 1 Reactivity: 0 Special:

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## 16. Other Information

#### SDS Prepared by:

BASF NA Product Regulations  
SDS Prepared on: 2018/07/10

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# Safety Data Sheet

## Joncryl® 693

Revision date : 2018/07/10

Page: 10/10

Version: 6.0

(30282508/SDS\_GEN\_US/EN)

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