

Safety Data Sheet

Joncryl® HPD 671

Revision date : 2010/06/18

Version: 1.1

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(30282650/SDS_GEN_US/EN)

1. Product and Company Identification

Use: polymers for inks, varnishes or coatings

Company

BASF CORPORATION
100 Campus Drive
Florham Park, NJ 07932, USA

24 Hour Emergency Response Information

CHEMTREC: 1-800-424-9300
BASF HOTLINE: 1-800-832-HELP

2. Hazards Identification

Emergency overview**CAUTION:**

AVOID CREATING DUST.

CAN FORM EXPLOSIVE DUST-AIR MIXTURES.

Avoid inhalation of dusts.

Keep the formation and deposition of dust to a minimum.

Avoid contact with the skin, eyes and clothing.

Take precautionary measures against static discharges.

Proper precautions should be taken to eliminate fire and explosion hazards.

Ensure adequate ventilation.

State of matter: solid

Colour: white

Odour: acrylic-like

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.

Potential environmental effects**Aquatic toxicity:**

At the present state of knowledge, no negative ecological effects are expected.

3. Composition / Information on Ingredients

CAS NumberContent (W/W)

>= 95.0 %

Chemical name

Modified acrylic copolymer

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4. 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.

Seek medical attention.

If swallowed:

Rinse mouth and then drink plenty of water. Do not induce vomiting. Immediate medical attention required.

Note to physician

Treatment:

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

5. Fire-Fighting Measures

Flash point:

not applicable

Autoignition:

not applicable

Flammability:

does not ignite

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.

Hazards during fire-fighting:

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

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.

6. Accidental release measures

Personal precautions:

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

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Environmental precautions:

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

Cleanup:

Avoid raising dust.

For small amounts: Pick up with suitable appliance and dispose of.

For large amounts: Contain with dust binding material and dispose of.

7. Handling and Storage

Handling

General advice:

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

Protection against fire and explosion:

Electrostatic charge is possible when unpacking the product. Prevent electrostatic charge - sources of ignition should be kept well clear - fire extinguishers should be kept handy. Dust can form an explosive mixture with air.

Storage

General advice:

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 and Personal Protection

Personal protective equipment

Respiratory protection:

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

Hand protection:

Chemical resistant protective gloves

Eye protection:

Safety glasses with side-shields.

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:	acrylic-like	
Colour:	white	
pH value:		of low solubility
Boiling point:		not applicable
Vapour pressure:		not applicable
Density:	1.14 g/cm ³	(20 °C)
Bulk density:	approx. 400 - 700 kg/m ³	
% volatiles:	0.34 - 0.39 %	
Solubility in water:		slightly soluble
Other Information:	No data available.	

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10. Stability and Reactivity

Conditions to avoid:

No conditions known that should be avoided.

Substances to avoid:

No substances known that should be avoided.

Hazardous reactions:

No hazardous reactions when stored and handled according to instructions.
The product is chemically stable.

Decomposition products:

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

11. Toxicological information

Acute toxicity

Oral:

Type of value: LD50
Species: rat
Value: > 5,000 mg/kg

Irritation / corrosion

Skin:

Species: rabbit
Result: non-irritant
Method: BASF-Test

Eye:

Species: rabbit
Result: non-irritant
Method: BASF-Test

Other Information:

The product has not been tested. The statements on toxicology have been derived from products of a similar structure and composition.

12. Ecological Information

Degradability / Persistence

Biological / Abiological Degradation

Evaluation: The polymer component of the product is poorly biodegradable.

Other adverse effects:

The product has not been tested. The statements on ecotoxicology have been derived from products of a similar structure and composition.

13. Disposal considerations

Waste disposal of substance:

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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.

14. Transport Information

Land transport

USDOT

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

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;

CERCLA RQ

5000 LBS

CAS Number

79-10-7

Chemical name

acrylic acid

State regulations

State RTK

MA, NJ, PA

CAS Number

Chemical name

Modified acrylic copolymer

16. Other Information

HMIS III rating

Health: 1 Flammability: 1 Physical hazard: 0

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-

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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.

MSDS Prepared by:

BASF NA Product Regulations

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MSDS Prepared on: 2010/06/18

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