

# Safety data sheet

Page: 1/6

BASF Safety data sheet  
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Product: **Joncryl® HPD 696**

Version: 1.0

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## 1. Substance/preparation and company identification

### **Joncryl® HPD 696**

Use: polymers for inks, varnishes or coatings

Company:

BASF Australia Limited (ABN 62 008 437 867)  
Level 12, 28 Freshwater Place Southbank  
Victoria 3006, AUSTRALIA  
Telephone: +61 3 8855-6600  
Telefax number: +61 3 8855-6511

Emergency information:

BASF Emergency Advice Number: 1800 803 440 (24h) [within Australia]  
BASF Emergency Advice Number: + 61 3 8855 6666 [outside Australia]

## 2. Hazard identification

No particular hazards known.

NON-HAZARDOUS SUBSTANCE, NON-DANGEROUS GOODS

## 3. Composition/information on ingredients

Chemical nature

Modified styrene acrylic polymers

#### 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.

On skin contact:

Wash thoroughly with soap and water.

On contact with eyes:

Wash affected eyes for at least 15 minutes under running water with eyelids held open.

On ingestion:

Rinse mouth and then drink plenty of water.

Note to physician:

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

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#### 5. Fire-Fighting Measures

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.

Specific hazards:

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

Special protective equipment:

Wear a self-contained breathing apparatus.

Further information:

The degree of risk is governed by the burning substance and the fire conditions. Contaminated extinguishing water must be disposed of in accordance with official regulations.

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#### 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.

Environmental precautions:

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

Methods for cleaning up or taking up:

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

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

Avoid raising dust.

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## 7. Handling and Storage

### Handling

When filling, transferring, or emptying of containers, adequate local exhaust ventilation is necessary. Provide good ventilation of working area (local exhaust ventilation if necessary).

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

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.

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## 8. Exposure controls and personal protection

### Components with workplace control parameters

no exposure standard allocated

### Personal protective equipment

Respiratory protection:

Suitable respiratory protection for lower concentrations or short-term effect: Particle filter with medium efficiency for solid and liquid particles (e.g. EN 143 or 149, Type P2 or FFP2)

Hand protection:

Chemical resistant protective gloves

Suitable materials also with prolonged, direct contact (Recommended: Protective index 6, corresponding > 480 minutes of permeation time according to EN 374):

e.g. nitrile rubber (0.4 mm), chloroprene rubber (0.5 mm), polyvinylchloride (0.7 mm) and other

Supplementary note: The specifications are based on tests, literature data and information of glove manufacturers or are derived from similar substances by analogy. Due to many conditions (e.g. temperature) it must be considered, that the practical usage of a chemical-protective glove in practice may be much shorter than the permeation time determined through testing.

Manufacturer's directions for use should be observed because of great diversity of types.

Eye protection:

Safety glasses with side-shields.

General safety and hygiene measures:  
Handle in accordance with good industrial hygiene and safety practice. Wearing of closed work clothing is recommended.

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## 9. Physical and Chemical Properties

|                       |                                     |
|-----------------------|-------------------------------------|
| Form:                 | solid                               |
| Colour:               | white                               |
| Odour:                | acrylic-like                        |
| pH value:             | of low solubility                   |
| Freezing point:       | not applicable                      |
| Boiling point:        | not applicable                      |
| Flash point:          | not applicable                      |
| Flammability:         | does not ignite                     |
| Ignition temperature: | not applicable                      |
| Explosion hazard:     | not explosive                       |
| Density:              | 1.16 g/cm <sup>3</sup><br>(20 °C)   |
| Bulk density:         | approx. 360 - 690 kg/m <sup>3</sup> |
| Solubility in water:  | slightly soluble                    |

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## 10. Stability and Reactivity

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

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

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## 11. Toxicological Information

### Acute toxicity

LD50 rat (oral): > 5,000 mg/kg

### Irritation

Primary skin irritation rabbit: non-irritant (BASF-Test)

Primary irritations of the mucous membrane rabbit: non-irritant (BASF-Test)

### Other relevant toxicity information

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

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## 12. Ecological Information

### Ecotoxicity

Assessment of aquatic toxicity:  
At the present state of knowledge, no negative ecological effects are expected.

### Persistence and degradability

Assessment biodegradation and elimination (H<sub>2</sub>O):  
The polymer component of the product is poorly biodegradable.

### Additional information

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

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## 13. Disposal Considerations

Must be disposed of or incinerated in accordance with local regulations.

Contaminated packaging:  
Uncontaminated packaging can be re-used.  
Packs that cannot be cleaned should be disposed of in the same manner as the contents.

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## 14. Transport Information

### Domestic transport:

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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