

Safety data sheet

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BASF Safety data sheet
Date / Revised: 15.11.2006
Product: **Joncryl* HPD 96**

Version: 1.0

This MSDS is prepared pursuant to the provision of Article 41 of the Industrial Safety and Health Law.

(30282658/SDS_GEN_KR/EN)

Date of print 31.05.2007

1. Substance/preparation and company identification

Joncryl* HPD 96

General Characteristics:

Colour: tan
Odour: ammonia-like
Form: viscous

Company:

BASF Resins B.V.
Innovatielaan 1
8466 SN Nijehaske, NETHERLANDS
Telephone: +31 51 3619-637
Telefax number: +31 51 3619-654
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Telephone: +49 180 2273-112
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2. Composition/information on ingredients

Chemical nature

Preparation based on: Amine salt of modified acrylic copolymer
dispersed in: water

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3. Hazard identification

Essential Risk-Hazard information:

No particular hazards known.

4. First-aid measures

General advice:
Remove contaminated clothing.

If inhaled:
If difficulties occur after vapour/aerosol 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.

5. Fire-fighting measures

Flash point: > 100 °C

Flammability: does not ignite

Suitable extinguishing media:
water spray, dry extinguishing media, foam

Specific hazards:
harmful vapours
Evolution of fumes/fog. The substances/groups of substances mentioned can be released in case of fire.

Further information:
Contaminated extinguishing water must be disposed of in accordance with official regulations.

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6. Accidental release measures

Personal precautions:
Use personal protective clothing.

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

Methods for cleaning up or taking up:
For large amounts: Pump off product.
For residues: Pick up with suitable absorbent material. Dispose of absorbed material in accordance with regulations.

7. Handling and storage

Handling

No special measures necessary provided product is used correctly.

Protection against fire and explosion:
No special precautions necessary.

Storage

Further information on storage conditions: Keep container tightly closed and in a cool place.

8. Exposure controls and personal protection

Engineering Controls:
Use adequate exhaust ventilation to keep airborne concentration below exposure limits.

Components with workplace control parameters

ammonia, aqueous solution, 1336-21-6; (Content (W/W): ≤ 0.1 %)
TWA value 25 ppm (ACGIHTLV)
STEL value 35 ppm (ACGIHTLV)

Personal protective equipment

Respiratory protection:
Respiratory protection not required.

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):

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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.

9. Physical and chemical properties

| | |
|----------------------|-----------------------------------|
| Form: | viscous |
| Colour: | tan |
| Odour: | ammonia-like |
| pH value: | 8.3 - 8.7 |
| Density: | 1.09 g/cm ³ (20 °C) |
| Solubility in water: | dispersible |

10. Stability and reactivity

Hazardous reactions:
No hazardous reactions when stored and handled according to instructions.

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

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)

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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.

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 (H₂O):
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.

13. Disposal considerations

Disposal regulatory information (under Wastes Management Law):
All national and local regulations of this product should be observed and dispose in accordance with relevant regulations

Disposal method:
Must be dumped 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.

Disposal consideration:
All waste produced at Site must be treated by authorized waste treatment company.
Should be disposed in compliance with national and local regulations

14. Transport information

Domestic transport:

Not classified as a dangerous good under transport regulations

Sea transport

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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

National legislation/Regulations

Other regulations

Directive 1999/45/EC ('Preparation Directive'):

The product does not require a hazard warning label in accordance with EC Directives.

Registration status

ECL, KR released / listed

16. Other information

Vertical lines in the left hand margin indicate an amendment from the previous version.

The data contained in this safety data sheet are based on our current knowledge and experience and describe the product only with regard to safety requirements. The data do not describe the product's properties (product specification). Neither should any agreed property nor the suitability of the product for any specific purpose be deduced from the data contained in the safety data sheet. It is the responsibility of the recipient of the product to ensure any proprietary rights and existing laws and legislation are observed.