

SAFETY DATA SHEET



AGOMET P79 A/B

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Identification of the substance or mixture

Product name : AGOMET P79 A/B
Product type : Liquid.
Product description : Working pack (preparation)
Use of the substance/mixture : Acrylate for adhesive systems

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2. HAZARDS IDENTIFICATION

Refer to SDS for individual components of the pack.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance/preparation : Working pack (preparation)

Refer to SDS for individual components of the pack.

4. FIRST AID MEASURES

Refer to SDS for individual components of the pack.

5. FIRE-FIGHTING MEASURES

Refer to SDS for individual components of the pack.

6. ACCIDENTAL RELEASE MEASURES

Refer to SDS for individual components of the pack.

7. HANDLING AND STORAGE

Handling : Put on appropriate personal protective equipment (see section 8). Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Persons with a history of skin sensitization problems should not be employed in any process in which this product is used. Avoid exposure during pregnancy. Do not get in eyes or on skin or clothing. Do not breathe vapour or mist. Do not ingest. Avoid release to the environment. Refer to special instructions/safety data sheet. If during normal use the material presents a respiratory hazard, use only

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7. HANDLING AND STORAGE

with adequate ventilation or wear appropriate respirator. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.

Storage

: Store between the following temperatures: 6 to 28°C (42.8 to 82.4°F). Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination.

Storage hazard class Huntsman Advanced Materials

: Storage class 8, Corrosive substances

Packaging materials

Recommended

: Use original container.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure limit values

Ingredient name

Occupational exposure limits

No exposure limit value known.

Refer to SDS for individual components of the pack.

9. PHYSICAL AND CHEMICAL PROPERTIES

General information

Appearance

Physical state : Liquid.

Important health, safety and environmental information

Flash point : Closed cup: >126°C (>258.8°F)

Density : 1.65 g/cm³ [20°C (68°F)]

10. STABILITY AND REACTIVITY

Refer to SDS for individual components of the pack.

11. TOXICOLOGICAL INFORMATION

Refer to SDS for individual components of the pack.

12. ECOLOGICAL INFORMATION

Refer to SDS for individual components of the pack.

13. DISPOSAL CONSIDERATIONS

Methods of disposal

: The generation of waste should be avoided or minimised wherever possible. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe way. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

13. DISPOSAL CONSIDERATIONS

European waste catalogue (EWC) : The relevant EU Directives and local, regional and national regulations must be complied with. It is among the tasks of the end user to assign the waste to waste codes specific to industrial sectors and processes according to the European Waste catalogue. It is recommended that the details be agreed with the waste disposer responsible.

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Hazardous waste : The classification of the product may meet the criteria for a hazardous waste.

14. TRANSPORT INFORMATION

International transport regulations

Proper shipping name

ADR : Corrosive liquid, n.o.s. 4-NONYL PHENOL N-AMINOETHYL PIPERAZINE

IMDG : Corrosive liquid, n.o.s. (4-NONYL PHENOL) (N-AMINOETHYL PIPERAZINE). Marine pollutant ()

IATA : Corrosive liquid, n.o.s.

Regulatory information	UN number	Classes	Packing group	Label	Additional information
Land - road/railway ADR/RID Class	UN1760	8	II		Classification code C9 Hazard identification number 80
Sea IMDG Class	UN1760	8	II	 	Emergency schedules (EmS) F-A, S-B Marine pollutant
Air IATA Class	UN1760	8	II		Passenger and Cargo Aircraft Quantity limitation: 1 L Packaging instructions: 808 Cargo Aircraft Only Quantity limitation: 30 L Packaging instructions: 812

15. REGULATORY INFORMATION

EU regulations

Classification and labeling have been determined according to EU Directives 67/548/EEC and 1999/45/EC (including amendments) and take into account the intended product use.

Hazard symbol or symbols :



C, N Corrosive, Dangerous for the environment

Risk phrases

: R62- Possible risk of impaired fertility.
R63- Possible risk of harm to the unborn child.
R21- Harmful in contact with skin.
R34- Causes burns.
R43- May cause sensitisation by skin contact.
R51/53- Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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15. REGULATORY INFORMATION

Safety phrases : S26- In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S36/37/39- Wear suitable protective clothing, gloves and eye/face protection.
S45- In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
S61- Avoid release to the environment. Refer to special instructions/safety data sheet.

Contains : reaction product: bisphenol A-(epichlorhydrin); epoxy resin (number average molecular weight < 700)
epoxy phenol novolak resin
4-nonyl-phenol
polyaminoamide (R38-41-51/53)

Exceptional labelling of special preparations : Contains epoxy constituents. See information supplied by the manufacturer.

International regulations**International lists**

Europe inventory : All components are listed or exempted.

United States inventory (TSCA 8b) : All components are listed or exempted.

Canada inventory : All components are listed or exempted.

Australia inventory (AICS) : All components are listed or exempted.

China inventory (IECSC) : All components are listed or exempted.

Japan inventory (ENCS) : Not determined.

Philippines inventory (PICCS) : All components are listed or exempted.

16. OTHER INFORMATION

Full text of R-phrases referred to in sections 2 and 3 - United Kingdom (UK) : R62- Possible risk of impaired fertility.
R63- Possible risk of harm to the unborn child.
R24- Toxic in contact with skin.
R20- Harmful by inhalation.
R21- Harmful in contact with skin.
R22- Harmful if swallowed.
R21/22- Harmful in contact with skin and if swallowed.
R34- Causes burns.
R41- Risk of serious damage to eyes.
R38- Irritating to skin.
R36/38- Irritating to eyes and skin.
R43- May cause sensitisation by skin contact.
R50/53- Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R51/53- Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R52/53- Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Full text of classifications referred to in sections 2 and 3 - United Kingdom (UK) : Repr. Cat. 3 - Toxic to reproduction category 3
T - Toxic
C - Corrosive
Xn - Harmful
Xi - Irritant
N - Dangerous for the environment

References

Epoxy Resins and Curing Agents; Toxicology, Health, Safety and Environmental Aspects (Plastics Europe, May 2006)

The provision of Safety Data Sheets comes under Regulation 6 of CHIP (CHIP is the recognised abbreviation for the Chemicals Hazard Information and Packaging Regulations). This is an addition to the Health and Safety at Work Act 1974.

Users of products supplied by Huntsman Advanced Materials should take appropriate measures to ensure working practices are in accordance with the Control of Substances Hazardous to Health Regulations (COSHH).

Date of issue/Date of revision : 8/17/2010.

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16. OTHER INFORMATION

History

Date of printing : 8/17/2010.
Date of issue/ Date of revision : 8/17/2010.
Date of previous issue : No previous validation.
Version : 0.01

✔ Indicates information that has changed from previously issued version.

Notice to reader

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IN ALL CASES, IT IS THE RESPONSIBILITY OF THE USER TO DETERMINE THE APPLICABILITY OF SUCH INFORMATION AND RECOMMENDATIONS AND THE SUITABILITY OF ANY PRODUCT FOR ITS OWN PARTICULAR PURPOSE.

THE PRODUCT MAY PRESENT HAZARDS AND SHOULD BE USED WITH CAUTION. WHILE CERTAIN HAZARDS ARE DESCRIBED IN THIS PUBLICATION, NO GUARANTEE IS MADE THAT THESE ARE THE ONLY HAZARDS THAT EXIST.

Hazards, toxicity and behaviour of the products may differ when used with other materials and are dependent upon the manufacturing circumstances or other processes. Such hazards, toxicity and behaviour should be determined by the user and made known to handlers, processors and end users.

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