

Hazardous Substance Data Sheet

1. Product/Manufacturer Identification

Other product names: AMPUR MP - COMPONENT B (PART II), Polyisocyanate hardener (PUTTY, FLOORING, COATING)

Use: colourant for AMPUR MP mass

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2. Composition and hazardous components information

Product is a mixture of modified polyisocyanates based on MDI.

COMPONENT	EINECS Nr	CAS Nr	Contents %	Symbol	Risk Nr
Polymethylene-polyisocyanate	202-996-0	9016-87-9	50-100%	Xn	20, 46/37/38, 42/43

Full text of R-phrases is given in p. 16.

3. Hazard identification

Inhalation of vapors is harmful. Irritating to eyes, respiratory system and skin. May cause sensitization by inhalation and skin contact.

4. First-aid measures

Inhalation Move victim to fresh air and keep him calm. In case of persistent discomfort - consult with your doctor. Symptomatic treatment of primary irritation or bronchospasm.

Ingestion Do not induce vomiting. Rinse mouth and do not give fluids. Provide peace of mind. Consult with your doctor. Provide rest.

Contamination Remove dirty clothes. Wash frequently with soap and water. In the case of express irritation - consult with your doctor.

Eyes Flush with plenty of clean water. If irritation persists within 15 minutes - consult with your doctor out of dangerous area.

5. Fire-fighting measures

Use typical, available extinguishers (e.g. extinguishing foam and powder, water, carbon dioxide).

6. Accidental release measures

Individual protection measures

Depending on the amount of released material, put on protective clothing, including gloves, glasses, boots and suit.

Environmental protection precautions

Do not allow the liquid to be released into surface water, sewage and deeper soil surfaces.

Contamination removal methods

Examine for MDI presence. Stop the leak. Collect spill using absorbent agents (sawdust, rags, sand). Put the collected materials in containers. Contaminated surface thoroughly with water and a neutralizing agent. Small amounts absorb a paper towel and put in a safe and ventilated area

7. Handling and storage

Use Avoid spillage and skin/eye contact. Observe safety and work rules.

Storage Store in original and sealed packages, at the temperature of 10 – 20 °C. Protect from freezing.

8. Exposure controls & Individual protective measures

Controls Standard concentration control in the workplace. No limiting concentrations have been determined.

Ventilation No specific requirements. Main and workplace ventilation.

Respirators No specific requirements

Gloves If there is a risk of skin contact, wear rubber gloves with cotton liner

Eye protection Wear glasses if there is a risk of spattering

Other measures Wear proper clothing and footwear

Hygienic measures Avoid skin and clothing contamination. If necessary, change the clothing and wash the skin thoroughly with soap.

Do not take contaminated clothing home. Do not eat or drink when using the product. Wash hands thoroughly before eating, smoking and using lavatory

9. Physical and chemical properties

Appearance dark brown, medium viscosity, oily liquid

Odour distinctive, weak,

Solubility slightly soluble in water and organic solvents

Specific gravity may vary: 1,20 g/cm³ at 20 °C

Viscosity approx. 150 mPas at 20 °C

Ignition temp. above 200 °C

Solvent alcohols, esters, ketones, aromas

Explosion properties no explosion hazard

10. Stability and reactivity

Stability Stable in normal conditions

Ambient conditions to avoid Too high temperature (above 50°C) or too low (below 0 °C)

Materials to avoid Highly oxidizing materials

Hazardous Decomposition Products Carbon oxide, nitric oxide, other poisonous gases

11. Toxicological information

Inhalation High vapour concentrations may irritate respiratory system

Ingestion Unlikely, may cause stomach upset

Skin contact May cause allergy

Eye contact Irritation, may cause lacrimation

Hazardous effects to health Not reported

Exposed organs Skin, eyes, respiratory system

12. Ecological information

Environmental hazards: Not applicable

Mobility: Sparingly volatile, water-insoluble

Biodegradation: Not applicable

Bioaccumulation: Not applicable

Carcinogenicity: Not applicable

Mutagenicity: Not applicable

General recommendations: Do not allow the liquid to be released into surface water, sewage and deeper soil surfaces.

Influence on reproductivity: Not applicable

13. Disposal handling

According to local regulations

14. Transporting

Tagging and labelling:	No requirements specified
Road:	Product not classified as hazardous
Railway:	Product not classified as hazardous
Sea:	Product not classified as hazardous
Air:	Product not classified as hazardous

15. Regulatory information

Type of labels:

Phrases "R" indications of danger:

R-20 Inhalation of vapors is harmful

R-36/37/38 Irritating to eyes, respiratory system and skin.

R-42/43 May cause sensitization by inhalation and skin contact

Phrases "S" indicating conditions of safe use:

P - 4 comprises polyisocyanates. See information supplied by the manufacturer.

S - 23 And not breathe fumes

S-24/25 Avoid contact with skin and eyes

S - 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice

S-38 In case of insufficient ventilation, wear suitable respiratory masks

S - 60 This material and packaging disposed of as hazardous waste

U - 9 should carry an appropriate gloves and protect your eyes

EU Directive systems specific provisions of the Dangerous Preparations 91/155

Code of Conduct classification and labeling of dangerous substances and preparations for transport

Guidelines Maximum concentration in the workplace EH 40

Introduction to local exhaust ventilation HS (G) 37

The provisions of CHIP for everyone HSG (108)

Product for professional use only

16. Other information

The above information is based on our knowledge and experience, and was prepared in order to provide guidance regarding safety in product storage, transport and use, as well as from health and natural environment perspective. This information shall not free from obligation to familiarize with available technical literature on usage and does not constitute a warranty from legal perspective.

Issue date: 01.10.2013 r.

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