

Section 1: Identification

1.1 Product Identifier

Name PolyMaster 1.5 Component B

1.2 Identified use for substance and uses against

No data

1.3 Company Details

Name Deutsch Master
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Section 2: Hazards

2.1 Materials Classification

This mixture is classified using standard ABNT-NBR 14725-2.

2.2 Labelling elements



GHS07



GHS08

<p>Hazard statement</p> <p>H315 H317 H319 H334 H335</p> <p>Hazard Prevention</p> <p>P261 P264 P270 P271 P272 P280 P284</p>	<p>Harmful if swallowed</p> <p>May cause allergic skin irritations</p> <p>Causes severe eye irritation</p> <p>When inhaled, may cause allergic symptoms, or difficulty breathing</p> <p>May cause irritation to respiratory tract.</p> <p>Avoid inhalation</p> <p>Wash hands thoroughly after handling</p> <p>Do not eat/ drink/ smoke around product</p> <p>Use only outdoors in well-ventilated areas</p> <p>Contaminated work cloths must not leave the workplace</p> <p>Wear protective clothing and eye protection</p> <p>In case of inadequate ventilation, wear respirator</p>
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<p>Hazard Response</p> <p>P302, P352</p> <p>P304, P340</p> <p>P305, P351, P338</p> <p>P312</p> <p>P321</p> <p>P332, P313</p> <p>P333, P313</p> <p>P342, P311</p> <p>P362, P364</p>	<p>If in contact with skin, wash with plenty of soap and water</p> <p>In case of inhalation, remove to fresh air</p> <p>If in eyes, rinse cautiously with running water for several minutes</p> <p>If unwell, seek medical attention or doctor</p> <p>Specific Treatment</p> <p>In case of skin irritation consult with a doctor</p> <p>If skin irritation or rash incurs, consult with a doctor</p> <p>In case of respiratory problems, consult a doctor</p> <p>Remove contaminated clothing, and wash before next use</p>
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2.3 Other hazards

No Data

Section 3: Component information

3.2 Hazardous ingredients

Chemical Code	Substance Name	Concentration
CAS: 9016-87-9	Polymethylene-polyphenyl-isocyanate	Weight: 80% - 95%

Section 4: First Aid

4.1: First aid guidance

Inhalation	Remove the victim to a ventilated area and keep them at rest in a position that does not make breathing difficult. If you feel unwell, contact a TOXICOLOGICAL INFORMATION CENTRE or a doctor. Take this SDS with you
Skin contact	Wash exposed skin with sufficient water to remove material. Remove and isolate contaminated clothing and shoes. In case of skin irritation: Consult a doctor. Take this SDS with you.
Eye contact	Rinse thoroughly with water for several minutes. If wearing contact lenses, remove them if easy. Continue rinsing. If eye irritation persists: consult a doctor. Take this SDS with you.
Symptoms and further effects	Causes severe eye irritation with redness and pain. Harmful if swallowed. May cause drowsiness or vertigo, which can cause nausea and dizziness.
Notes to physician:	Avoid contact with the product when rescuing the victim. If necessary, symptomatic treatment should include, above all, supportive measures such as correction of hydroelectrolytic and metabolic disorders, as well as respiratory assistance. In the event of skin contact, do not rub the affected area.

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Section 5: Extinguishing a fire**5.1 Extinguishing medium**

Powder, CO₂, Water spray
(Full water jet is an unsuitable medium)

5.2 Hazards biproducts arising from mixture combustion

Any gases, vapours can be toxic

5.3 Firefighter advice

Wear self-contained breathing apparatus (SCBA) with positive pressure and full protective clothing. Containers and tanks involved in the fire should be cooled with water mist.

Section 6: Accidental release measures**6.1. Personal precautions, protective equipment, and emergency procedures****6.1.1. For non-emergency personnel**

Personal precautions: Avoid breathing any dust, fumes, or sprays. Remove persons to safety.

Protective equipment:

Wear protective gloves/protective clothing/eye protection/face protection.

6.1.2. For emergency responders

Personal protection see section 8
equipment:

6.2. Environmental precautions

Do not allow to enter surface water or drains unreacted.

6.3. Methods and material for containment and cleaning up

For containment: Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents).

Section 7: Handling & storage**7.1 Precautions for safe handling**

Advice on safe handling Wear personal protection equipment (see section 8)

Advice on occupational hygiene Avoid eating, drinking, or smoking in proximity to product.
Avoid contact with skin or eyes.

7.2 Conditions for safe storage, including and incompatibilities

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Technical measures & storage conditions	Keep container tightly closed in a cool, well ventilated place
Requirements for storage rooms and vessels	Store only in original container
Further information on storage conditions	Avoid UV-radiation, direct sunlight, excessive heat, excessive cold

Section 8: Exposure control/ personal protection

8.1: Control Parameters

N/A

8.2: Exposure control

8.2.2 Personal protection equipment (PPE)

Eye/ face protection	Eye glasses with side protection
Skin protection	Protective gloves

Section 9: Physical & Chemical properties

9.1: Information on basic physical and chemical properties

Appearance:

State	Liquid
Odour	N/A
Relevant Data	
pH	N/A
Melting point	N/A
Approx. boiling point	N/A
Flash point	N/A
Solubility	Reacts with water
Density (25°C)	1.1 g/cm ³

Section 10: Stability & reactivity

10.1. Reactivity

Based on available data, N/A

10.2. Chemical stability

Based on available data, N/A

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10.3. Possibility of hazardous reactions

Reacts with water

10.4. Conditions to avoid

High temperatures

10.5. Incompatible materials

Based on available data, N/A

10.6. Hazardous decomposition products

Based on available data, N/A

Section 11: Toxicology information**11.1: Information on hazard classes**

Acute oral toxicity	Based on available data, N/A
Acute dermal toxicity	Based on available data, N/A
Skin irritation	Causes irritation
Serious eye irritation	Causes irritation
Respiratory or skin sensitivity	Causes irritation
Germ cell mutagenicity	Based on available data, N/A
Carcinogenicity	Based on available data, N/A
Reproductive toxicity	Based on available data, N/A
STOT-single exposure	Based on available data, N/A
STOT-repeated exposure	Based on available data, N/A
Aspiration hazard	Based on available data, N/A
Additional Information	N/A

Section 12: Ecological information**12.1: Toxicology**

Based on available data, N/A

12.2: Persistence and degradability

Based on available data, N/A

12.3: Bioaccumulate potential

Based on available data, N/A

12.4: Mobility in soil

Based on available data, N/A

12.5: Results and vPvB assessment

Based on available data, N/A

12.6: Endocrine disrupting properties

Based on available data, N/A

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12.7: Other effects

N/A

Section 13: Disposal consideration

13.1: Waste treatment methods

When disposing, follow local laws and guidance on disposal, or consult a local expert.

Section 14: Transport information

	Land transport	Inland water freight	Sea freight	Air freight
14.1: ID no.	No dangerous goods in sense of these transport regulations	No dangerous goods in sense of these transport regulations	No dangerous goods in sense of these transport regulations	Doc 9284 – NA/ 905
14.2: Proper shipping name	No dangerous goods in sense of these transport regulations	No dangerous goods in sense of these transport regulations	No dangerous goods in sense of these transport regulations	No dangerous goods in sense of these transport regulations
14.3: Transport hazard class	N/A	N/A	N/A	N/A
14.4: Packing group	N/A	N/A	N/A	N/A
14.5: Environmental hazards	N/A	N/A	N/A	N/A
14.6: Special precautions	N/A	N/A	N/A	N/A
14.7: Maritime transport in bulk according to IMO instruments	N/A	N/A	N/A	N/A

Section 15: Regulatory information

15.1: Safety, health, and environmental regulations specific for the mixture

Training is strongly recommended before use.

Before handling/ using product, ensure local laws and guidelines have been studied.

15.2: Chemical Safety Assessment

N/A

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Section 16: Other Information

16.1: Indication of change

N/A

16.2: Abbreviations and acronyms

ACGIH – American Conference of Governmental Industrial Hygienists; EC50 – Effective Concentration 50%; Cer50 – Effective concentration resulting in a 50% reduction in growth rate; LC50 – Lethal Concentration 50%; EC – European Community; EEC – European Economic Community; ETAm – Estimated Acute Toxicity of the mixture; NR – Regulatory Standard; UN – United Nations Organisation; TLV – Threshold Limit Value; TWA – Time Weighted Average.

16.3: Key literature references and sources of data

N/A

16.4: Classification of mixtures and used evaluation method

Hommel Diagram – NFPA 704

16.5: List of relevant hazard statements and/or precautionary statements

N/A

16.6: Training advice

N/A

16.7: Additional information



Hommel Diagram

HEALTH	/ 2
FLAMMABILITY	0
PHYSICAL HAZARDS	0
PERSONAL PROTECTION	

HMIS

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