

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product name: MM-Elastomer 95, pasty (Prod-# 951)
MM-Elastomer 95, liquid (Prod-# 952)
MM-Elastomer 95, brushable (Prod-# 953)
MM-Elastomer 85, liquid (Prod-# 956)
MM-Elastomer 65, liquid (Prod-# 958)
MM-Elastomer 40, liquid (Prod-# 960)

1.2. Relevant identified uses of the substance or mixture and uses advised against

Product use: Repair and production of flexible parts

1.3. Details of the supplier of the safety data sheet

Manufacturer / Supplier: MultiMetall Reiner Schulze e.K.
Spenglerstraße 3
D-41749 Viersen
Phone: +49 (0) 2162/97009-0
Fax: +49 (0) 2162/97009-11
Email: info@polymermetal.com

Responsibility Safety data sheet: Email: msds@polymermetal.com

1.4. Emergency telephone number

Emergency contact number: Phone: +49 (0) 2162/97009-0

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Product definition: Mixture

Classification according to Directive (EC) No. 1272/2008 (CLP):

Not classified

Classification according to Directive No. 67/548/EWG or 1999/45/EC:

Not classified

2.2. Label elements

Labelling according to Directive (EEC) No. 1272/2008 (CLP):

Hazard pictograms: Not applicable

Signal word: Not applicable

Hazard statements: Not applicable

Precautionary statements: Not applicable

Hazardous ingredients (labelling): Ethyl acetate

Supplemental label elements: EUH066 Repeated exposure may cause skin dryness or cracking.

2.3. Other hazards

None known.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Not applicable

3.2. Mixtures

Components	Identifiers	%	Classification by 67/548/EEC	Classification by (EC) Nr. 1272/2008 (CLP)
Amine-terminated polyether polyol	Not applicable	90 - 95	Not applicable	Not applicable

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

Seek medical advice.

Inhalation: Plenty of fresh air and consult a doctor as a precaution.

Skin contact: Wash off with a lot of water and soap and use lotion afterwards.

Eye contact: Consult doctor after continuous irritation of the eyes. Flush with lots of water immediately, also underneath the eyelid.

Ingestion: Rinse mouth and then drink plenty of water. Instantly call for medical help. Do not induce vomiting.

4.2. Most important symptoms and effects, both acute and delayed

No data available.

4.3. Indication of any immediate medical attention and special treatment needed

No data available.

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media: CO₂, extinguishing powder, water mist or alcohol-resistant foam.

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products: carbon monoxide.

5.3. Advice for firefighters

Wear personal protective clothing and self-contained breathing apparatus (SCBA). Contaminated extinguishing water must be disposed of in accordance with official regulations.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Wear suitable protective clothing, gloves and glasses during work. Provide adequate ventilation. Avoid contact with eyes, skin and clothes.

6.2. Environmental precautions

Do not allow to enter drainage system or waters. Do not allow to enter the ground/soil.

6.3. Methods and material for containment and cleaning up

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

6.4. Reference to other sections

See section 8 for information given on personal protective equipment. Dispose contaminated material as waste according to section 13.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Provide adequate ventilation. Avoid contact with eyes and skin. Do not eat, drink and smoke while working. Wash hands before breaks.

7.2. Conditions for safe storage, including any incompatibilities

Prevent any penetration into the ground. Store in original containers in a cool and dry place.

7.3. Specific end use(s)

No further relevant information available.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

No exposure limit value known.

8.2. Exposure controls

Engineering measures:	Provide adequate ventilation, especially in closed rooms.
Hygiene measures:	Remove contaminated and saturated clothes immediately. Wash hands before breaks and after finishing work. Avoid contact with eyes and skin.
Respiratory protection:	In case of inadequate ventilation, wear respiratory protection.
Hand protection:	Gloves out of synthetic material (EN 374) Material of gloves: Butyl rubber (recommended minimum strength 0,7 mm) Nitrile rubber (recommended minimum strength 0,7 mm) Find out the exact break through time from the manufacturer of the protective gloves and comply with it.
Eye protection:	Sealed safety glasses (EN 166)
Body protection:	Protective clothing

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical state:	pasty (Prod-# 951) liquid (Prod-# 952, 956, 958, 960) brushable (Prod-# 953)
Colour:	black
Odour:	mild
Melting / Freezing point:	not available
Boiling point / boiling range:	> 250 °C
Flash point:	> 157 °C
Flammability (solid, gas):	not available
Lower explosion limit:	not available
Upper explosion limit:	not available
Inflammation point:	450 °C

Auto-ignition temperature: not available
Vapour pressure: not available
Density: approx. 1 g/cm³
Water solubility: 0 g/L
pH-value at 20 °C: not available

9.2. Other information

No data available.

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

No specific data available.

10.2. Chemical stability

The product is stable.

10.3. Possibility of hazardous reactions

Reacts exothermic with strong oxidisers.

10.4. Conditions to avoid

None known.

10.5. Incompatible materials

Strong oxidisers.

10.6. Hazardous decomposition products

None known.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Ingredient			
Acute effects	Endpoint / Value / Unit	Species	Method / Result
Oral	LD50 > 5000 mg/kg	Rat	
Dermal	LD50 > 2000 mg/kg	Rabbit	Estimated
Inhalative	LC50 > 20 mg/l (1 h)	Rat	
Irritation / Corrosive effect eye and skin			Weak

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Not applicable.

12.2. Persistence and degradability

No data available.

12.3. Bioaccumulative potential

No data available.

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

Not applicable.

12.6. Other adverse effects

No data available.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Carry out the disposal of products and its containers in a safe way. Follow regional local authority regulations.

SECTION 14: TRANSPORT INFORMATION

14.1. UN number

Not classified; no DGR in respect of transport provisions

14.2. UN proper shipping name

Not applicable

14.3. Transport hazard class(es)

Not applicable

14.4. Packing group

Not applicable

14.5. Environmental hazards

Not applicable

14.6. Special precautions for user

None known

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable

SECTION 15: REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Water hazard class (Germany): 2 VwVwS

15.2. Chemical safety assessment

A chemical safety assessment has not been carried out.

SECTION 16: OTHER INFORMATION

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.