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1. Section 1. Identification of the substance/mixture and of the company/undertaking:

1.1. Product identifier:

Trade name: **QUICK METAL**
Product code: **R 34570**

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

Uses of the mixture: Universal repair mass.
For professional and industrial use only.
Uses advised against: Not known.

1.3. Details of the supplier of the safety data sheet:

Identification of manufacturer/Supplier:
RETECH, s.r.o.
Vackova 1541/4
150 00 Praha 5 - Stodůlky
Telephone number/Fax: +420 327 596 128, +420 327 596 428
E-mail: info@retech.cz

1.4. Emergency telephone number: RETECH, Suchdol 212, 285 02 Suchdol u Kutné Hory, Czech Republic
Telephone number: +420 327 596 128 (7.30-16.00 hour)
Toxikologické informační středisko (Toxicology information centre),
Na bojišti 1, 128 08 PRAHA 2, Czech Republic
Telephone number: +420 224 919 293, +420 224 915 402 (24 hours a day)**2. Section 2. Hazard identification:**

2.1. Classification of the substance or mixture:

Classification according to Regulation (EC) No 1272/2008 [CLP]:
Skin Irrit. 2 H315 Causes skin irritation.
Skin Sens. 1 H317 May cause an allergic skin reaction.
Eye Irrit. 2 H319 Causes serious eye irritation.
Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects.

2.2. Label elements:

Labelling according to Regulation (EC) No 1272/2008 [CLP]:



Signal Word: Warning

Hazard Statements:

H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.
H412 Harmful to aquatic life with long lasting effects.

Precautionary Statements:

P102 Keep out of reach of children.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352 IF ON SKIN: Wash with plenty of water.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
P501 Dispose of contents/container in accordance with national regulation.

Supplemental Hazard information (EU):

EUH205 Contains epoxy constituents. May produce an allergic reaction.

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Contained dangerous substances:
25068-38-6 reaction product: bisphenol-A-(epichlorhydrin)

- 2.3. Other hazards:
Results of PBT and vPvB assessment:
This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

3. Section 3. Composition/information on ingredients:

- 3.2. Mixtures:
Description of the mixture: Mixture of active ingredients

Hazardous ingredients:

CAS: 25068-38-6	Reaction product: bisphenol-A-(epichlorhydrin)	8 - 15 %
EINECS: 500-033-5	Eye Irrit. 2, H319; Skin Irrit. 2, H315; Skin Sens. 1, H317; Aquatic Chronic 2, H411	

For full text of H-statements: see SECTION 16.

4. Section 4. First aid measures:

- 4.1. Description of first aid measures:
General notes: When in doubt or if symptoms are observed, get medical advice.
After inhalation: Unlikely route of exposure as the product does not contain volatile substances.
Due to the small packaging the risk of inhalation is minimal.
After skin contact: Wash with plenty of water and soap and rinse thoroughly.
Get medical attention if any discomfort continues.
After eye contact: Rinse opened eye for several minutes under running water.
Remove contact lenses, if present and easy to do. Continue rinsing.
Get medical attention if any discomfort continues.
After swallowing: Due to the small packaging the risk of ingestion is minimal.
Get medical attention if any discomfort continues.
- 4.2. Most important symptoms and effects, both acute and delayed:
After inhalation: No specific symptoms noted.
After skin contact: Skin irritation. Allergic rash.
After eye contact: Irritation of eyes and mucous membranes.
After swallowing: May cause discomfort if swallowed. May cause stomach pain or vomiting.
- 4.3. Indication of any immediate medical attention and special treatment needed:
No specific first aid measures noted.

5. Section 5. Fire fighting measures:

- 5.1. Extinguishing media:
Suitable extinguishing agents: This product is not flammable.
Use fire-extinguishing media appropriate for surrounding materials.
Unsuitable extinguishing agents: No further relevant information available.
- 5.2. Special hazards arising from the substance or mixture:
During fire, toxic gases (CO, CO₂, NO_x) are formed.
No unusual fire or explosion hazards noted.
- 5.3. Advice for firefighters: Wear protective clothing and self-contained breathing apparatus.

6. Section 6. Accidental release measures:

- 6.1. Personal precautions, protective equipment and emergency procedures:
Wear protective equipment, see Section 8.
Keep unprotected person away.
Avoid contact with skin and eyes.
- 6.2. Environmental precautions: Do not allow to enter sewage system, surface or ground water.
Inform respective authorities in case product reaches water course or sewage system.

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<p>6.3. Methods and material for containment and cleaning up:</p>	<p>Shovel into dry containers, cover and move the containers. Flush the area with water. Dispose contaminated material as waste according to Section 13.</p>
<p>6.4. Reference to other sections:</p>	<p>See Section 7 for information on safe handling. See Section 8 for information on personal protection equipment. See Section 13 for disposal information.</p>
<p>7. Section 7. Handling and storage:</p>	
<p>7.1. Precautions for safe handling:</p>	<p>Protective measures: Wear protective equipment, see Section 8. Avoid contact with skin and eyes.</p> <p>Measures to prevent fire: No special measures are necessary.</p>
<p>7.2. Conditions for safe storage, including any incompatibilities:</p>	<p>Requirements for storage rooms and vessels: Keep in original container. Store in a cool and well-ventilated place.</p> <p>Technical measures and storage conditions: Store in a cool and well-ventilated place. Storage Class: Chemical storage.</p> <p>Further information on storage conditions: Avoid contact with strong oxidisers, acids.</p>
<p>7.3. Specific end use(s):</p>	<p>No further relevant information available.</p>
<p>8. Section 8. Exposure controls/personal protection:</p>	
<p>8.1. Control parameters:</p>	<p>Components with limit values that require monitoring at the workplace: WEL (United Kingdom): EH40/2005 Contains no substances with occupational exposure limit values.</p> <p>OEL (EU): 2000/39/EG, 2006/15/EG, 2009/161/EG Contains no substances with occupational exposure limit values.</p> <p>Additional information: The lists that were valid during the compilation were as basis.</p>
<p>8.2. Exposure controls:</p>	<p>Technical measures to prevent exposure: Ensure good ventilation/exhaustion at the workplace.</p> <p>General protective measures: Wash hands before breaks and at the end of work. Avoid contact with skin and eyes.</p> <p>Personal protection equipment: Respiratory protection: Respiratory protection usually not required with adequate ventilation. Eye protection: Wear approved chemical safety goggles where eye exposure is reasonably probable. Hand protection: For prolonged or repeated skin contact use suitable protective gloves. Skin protection: Protective clothing.</p>
<p>9. Section 9. Physical and chemical properties:</p>	
<p>9.1. Information on basic physical and chemical properties:</p>	<p>Form: Paste. Colour: Grey. Odour: Characteristic. Odour threshold: Not determined. Value pH at 20 °C: Not determined. Melting point/freezing point: Not determined. Initial boiling point/boiling range: Not determined. Flash point: Not determined. Evaporation rate: Not determined.</p>

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Flammability (solid, gas):	Not determined.
Explosive properties:	Not determined.
Explosive limits:	
– lower:	Not determined.
– upper:	Not determined.
Vapour pressure at 20 °C:	Not determined.
Vapour density at 20 °C:	Not determined.
Density at 20 °C:	Not determined.
Relative density:	2.23 – 2.29
Solubility in/miscibility:	Insoluble in water. Soluble in: Organic solvents.

Partition coefficient (n-octanol/water): Not determined.

Ignition temperature: Not determined.

Decomposition temperature: Not determined.

Self-ignition temperature: Not determined.

Viscosity: Not determined.

Oxidising properties: Not determined.

9.2. Other information: No further relevant information available.

10. Section 10. Stability and reactivity:

10.1. Reactivity: No specific reactivity hazards associated with this product.

10.2. Chemical stability: No particular stability concerns.

Stable under normal temperature conditions and recommended use.

10.3. Possibility of hazardous reactions:

No further relevant information available.

10.4. Conditions to avoid:

Avoid contact with strong oxidisers. Avoid contact with acids.

10.5. Incompatible materials:

Strong oxidising substances, amines, strong acids, strong alkalis.

10.6. Hazardous decomposition products:

During fire, toxic gases (CO, CO₂, NO_x) are formed.

11. Section 11. Toxicological information:

11.1. Information on toxicological effects:

Acute toxicity: Based on available data, the classification criteria are not met.

Skin corrosion/irritation: Causes skin irritation.

Serious eye damage/irritation: Causes serious eye irritation.

Respiratory or skin sensitization:

May cause an allergic skin reaction.

Germ cell mutagenicity:

Based on available data, the classification criteria are not met.

Carcinogenicity:

Based on available data, the classification criteria are not met.

Reproductive toxicity:

Based on available data, the classification criteria are not met.

STOT-single exposure:

Based on available data, the classification criteria are not met.

STOT-repeated exposure:

Based on available data, the classification criteria are not met.

Aspiration hazard:

Based on available data, the classification criteria are not met.

Other information:

After inhalation: No specific symptoms noted.

After skin contact: Skin irritation. Allergic rash.

After eye contact: Irritation of eyes and mucous membranes.

After swallowing: May cause discomfort if swallowed. May cause stomach pain or vomiting.

12. Section 12. Ecological information:

12.1. Toxicity:

Aquatic toxicity: No further relevant information available.

12.2. Persistence and degradability:

The product is not readily biodegradable.

12.3. Bioaccumulative potential:

No data available on bioaccumulation.

12.4. Mobility in soil:

The product is immiscible with water and will sediment in water systems.

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Additional ecological information:

General notes: Do not allow to enter sewage system, surface or ground water.
Dangerous for the environment: May cause long-term adverse effects in the aquatic environment.

12.5. Results of PBT and vPvB assessment:

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

12.6. Other adverse effects:

No further relevant information available.

13. Section 13. Disposal considerations:

13.1. Waste treatment methods:

Product disposal: Must not be disposed together with household garbage.
Do not allow product to reach sewage system.
European Waste Catalogue:
08 04 09* waste adhesives and sealants containing organic solvents or other hazardous substances
(*hazardous waste)

Packagings disposal: Disposal must be made according to official regulations.
European Waste Catalogue:
15 01 10* packaging containing residues of or contaminated by hazardous substances
(*hazardous waste)

Other disposal recommendations: Disposal must be made according to official regulations.
The final decisions on the appropriate waste management method, in line with regional, national and European legislation, and possible adaptation to local conditions, remains the responsibility of the waste treatment operator.

14. Section 14. Transport information:

14.1. UN number:

ADR/RID, IMDG, IATA This product does not require a classification for transport.

14.2. UN proper shipping name:

ADR/RID, IMDG, IATA Void.

14.3. Transport hazard class(es):

ADR/RID, IMDG, IATA Void.

14.4. Packing group:

ADR/RID, IMDG, IATA Void.

14.5. Environmental hazards:

ADR/RID, IMDG, IATA Void.

14.6. Special precautions for user:

ADR/RID, IMDG, IATA Void.

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code:

Not applicable.

15. Section 15. Regulatory information:

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

Used legislation:

Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals, as amended (REACH)
Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures, as amended (CLP)
Regulation (EC) No 648/2004 of the European Parliament and of the Council on detergents, as amended
Commission Decision 2000/532/EC establishing a list of wastes, as amended
Council Directive 89/686/EEC on the approximation of the laws of the Member States relating to personal protective equipment, as amended
Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work, as amended
Commission Directive 2000/39/EC establishing a first list of indicative occupational exposure limit values

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Commission Directive 2006/15/EC establishing a second list of indicative occupational exposure limit values
Commission Directive 2009/161/EU establishing a third list of indicative occupational exposure limit values
Directive 2004/42/CE of the European Parliament and of the Council on the limitation of emissions of volatile organic compounds due to the use of organic solvents in certain paints and varnishes and vehicle refinishing products and amending Directive 1999/13/EC, as amended

15.2. Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

16. Section 16. Other information:

Relevant H-statements (Section 3):

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

H412 Harmful to aquatic life with long lasting effects.

Abbreviations and acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

CAS: Chemical Abstracts Service (division of the American Chemical Society)

EINECS: European Inventory of Existing Commercial Chemical Substances

IATA: International Air Transport Association

IMDG: International Maritime Code for Dangerous Goods

OEL: Occupational Exposure Limit

PBT: Persistent, Bioaccumulative, Toxic

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

vPvB: Very Persistent, Very Bioaccumulative

Aquatic Chronic 3: Hazardous to the aquatic environment, category 3

Eye Irrit. 2: Serious eye irritation, category 2

Skin Irrit. 2: Skin irritation, category 2

Skin. Sens. 1: Skin sensitization, category 1

The information contained herein is based on our best knowledge and the present legislation. Further, the Safety Data Sheet has been elaborated on the basis of the original Safety Data Sheet provided by the manufacturer.

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

***Compared to the last version the data has been changed.**