1. Product and Company Identification

Commercial product name
Plastic-Metal A Resin

Further trade names
10000-2

Chemical characterization (Mixture)
Resin for a two-component epoxy adhesive.

Company/undertaking identification

Manufacturer
Weicon GmbH
Königsberger Straße 255
D-48157 Münster
Telephone: +49 (0) 251 9322 - 0
Telefax: +49 (0) 251 9322 - 244
e-mail: info@weicon.de
Internet: www.weicon.de
Responsible for the safety data sheet: sds@gbk-ingelheim.de

2. Hazards Identification

Route(s) of Entry
Skin and eye contact, inhalation and ingestion.

Signs and Symptoms of Exposure
CAUTION !
Irritating to eyes and skin.
May cause sensitization by skin contact.

OSHA Hazard Communication: This material is considered hazardous by the OSHA Hazard Communication Standard 29CFR 1910.1200.
Carcinogenicity (NTP): Not listed
Carcinogenicity (IARC): Not listed
Carcinogenicity (OSHA): Not listed

3. Composition/Information on Ingredients

Hazardous components

CAS No.	Components	Quantity
14807-96-6	Talc	4 - 10 %
25068-38-6	epoxy resin (number average molecular weight <= 700), reaction product: bisphenol-A-(epichlorhydrin)	4 - 10 %
9003-36-5	Epoxidharz	1 - 7 %
16096-31-4	1,6-bis(2,3-epoxypropoxy)hexane	1 - 7 %

4. First Aid Measures

General information
Remove contaminated soaked clothing immediately.
In the event of persistent symptoms receive medical treatment.

After inhalation
Move to fresh air in case of accidental inhalation of vapours or decomposition products.
In the event of symptoms refer for medical treatment.

After contact with skin
Wash off immediately with soap and plenty of water.
Consult a doctor if skin irritation persists.

After contact with eyes
Rinse eyes immediately with large amounts of water for several minutes, especially under the eyelids.
Seek medical treatment by eye specialist.

After ingestion
Do not induce vomiting.
Refer to medical treatment.
If swallowed by mistake drink plenty of water and seek medical treatment.

5. Fire Fighting Measures

Suitable extinguishing media
Foam, carbon dioxide (CO2), dry chemical, water-spray.

Unsuitable extinguishing media
Full water jet

Special hazards arising from the chemical
Fire may produce:
Carbon monoxide (CO)
Carbon dioxide

Protective equipment and precautions for firefighters
Use breathing apparatus with independent air supply.

Additional information
Collect contaminated firefighting water separately, must not be discharged into the drains.

6. Accidental Release Measures

Personal precautions
Remove persons to safety.
Ensure adequate ventilation.
Keep away sources of ignition.

Environmental precautions
Clean contaminated surface thoroughly.
Do not discharge into the drains/surface waters/groundwater.

Methods for cleaning up/taking up
Take up with absorbent material.
Shovel into suitable container for disposal.

Additional information
Do not discharge into the subsoil/soil.

7. Handling and Storage

Handling

Advice on safe handling
Use only in thoroughly ventilated areas.
Avoid formation of aerosols.
Avoid contact with skin, eyes and clothing.
When using, do not eat, drink or smoke.

Advice on protection against fire and explosion
Keep away from sources of ignition - No smoking.
Take precautionary measures against static discharges.

Storage

Requirements for storage rooms and vessels
Keep container tightly closed in a dry, cool and well-ventilated place.

Further information on storage conditions
Keep away from food, drink and animal feeding stuffs.
Storage temperature between 2°C to 40°C.

8. Exposure Controls/Personal Protection

Exposure limit values

Exposure limits

CAS No.	Components	ppm	mg/m³	fib/cc	Category	Origin
14807-96-6	Talc (containing no asbestos) respirable dust	706 mp/m³	-		TWA (8 h)	PEL

Occupational exposure controls
Ensure adequate ventilation, especially in confined areas.
Do not inhale gases/vapours/aerosols.

Protective and hygiene measures
Wash hands before breaks and immediately after handling the product.
When using, do not eat, drink or smoke.
Avoid contact with skin, eyes and clothing.
Remove and wash contaminated clothes before re-use.

Respiratory protection
Use suitable breathing apparatus if there is inadequate ventilation.

Hand protection
Protective gloves resistant to chemicals made off nitrile, Minimum coat thickness 0.4 mm, Permeation resistance (wear duration) approx. 480 minutes, i.e. protective glove <Camatril 735> made by www.kcl.de.
This recommendation refers exclusively to the chemical compatibility and the lab test conforming to EN 374 carried out under lab conditions.
Requirements can vary as a function of the use. Therefore it is necessary to adhere additionally to the recommendations given by the manufacturer of protective gloves.

Eye protection
Tightly fitting goggles

Skin protection
Long sleeved clothing.

9. Physical and Chemical Properties

Appearance

Form:	Pasty
Color:	Black
Odor:	Hardly noticeable

Important health, safety and environmental information

		Test method
pH-Value (at 20 °C):	approx. 7	1:1 in water

Changes in the physical state

Flash point:	> 200 °C	DIN 51758
Vapour pressure: (at 20 °C)	<0,002 hPa	
Density (at 25 °C):	3.28 g/cm³	
Water solubility: (at 20 °C)	More or less insoluble	
Viscosity / dynamic: (at 50 °C)	190000 - 200000 mPa·s	

10. Stability and Reactivity

Stability
Stable

Conditions to avoid
Keep away from heat and sources of ignition.
No decomposition below 200°C.

Materials to avoid
Reactions with strong acids and alkalies.
Reactions with strong oxidizing agents.

Hazardous decomposition products
Carbon monoxide and carbon dioxide.
Toxic gases/vapours

Possibility of Hazardous Reactions
Will not occur

Additional information
No decomposition if stored and applied as directed.

11. Toxicological Information

Acute toxicity
LD50/oral/rat: = >2000 mg/kg

Corrosive and irritant effects
Skin irritation = Irritant Rabbit
Eye irritation = Irritant Rabbit eye

Sensitizing effects
Sensitization skin (guinea pig): Sensitizing

12. Ecological Information

Persistence and degradability
Not readily degradable

Further information
Do not discharge product unmonitored into the environment.
Product is not allowed to be discharged into aquatic environment.

13. Disposal Considerations

Advice on disposal
Remove in accordance with local official regulations.
Where possible recycling is preferred to disposal.
If recycling is not practicable, dispose of in compliance with local regulations.

Contaminated packaging
Empty containers should be taken for local recycling, recovery or waste disposal.
Contaminated packagings are to be treated like the product itself.
Contaminated packaging should be emptied as far as possible and after appropriate cleansing may be taken for reuse.

14. Transport Information

US DOT 49 CFR 172.101

Proper shipping name
Not regulated.

Land transport (ADR/RID)

Description of the goods
No hazardous material as defined by the transport regulations.

Other applicable information

No hazardous material as defined by the transport regulations.

15. Regulatory Information

U.S. Regulations

National Inventory TSCA
All of the components are listed on the TSCA inventory.

SARA
To the best of our knowledge this product contains no toxic chemicals subject to the supplier notification requirements of Section 313 of the Superfund Amendments and Reauthorization Act (SARA/EPCRA) and the requirements of 40 CFR Part 372.

16. Other Information

Hazardous Materials Information Label (HMIS)

Health:	1
Flammability:	1
Physical Hazard:	0

NFPA Hazard Ratings

Health:	1
Flammability:	1
Reactivity:	0
Unique Hazard:	

Other data
Data of sections 4 to 8, as well as 10 to 12, do not necessarily refer to the use and the regular handling of the product (in this sense consult package leaflet and expert information), but to release of major amounts in case of accidents and irregularities.
The information describes exclusively the safety requirements for the product (s) and is based on the present level of our knowledge.
The delivery specifications are contained in the corresponding product sheet.
This data does not constitute a guarantee for the characteristics of the product(s) as defined by the legal warranty regulations.
"(n.a. = not applicable; n.d. = not determined)"

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)