

Date of Issue: 06.04.2004
Replaced Data Sheet: October 2002
Product Name: Mangana Retaining Compound

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***1 Identification of the Substance/Preparation and the Company**

Product Name: **Mangana Retaining Compound**
Application: Sealing putty, retaining compound.
Producer/Supplier: HÖHNE GmbH
Mühlenstraße 76
D-25421 Pinneberg (Germany)
Telephone: +49 - (0)4101 / 5453 - 0 / Fax: - 33
Internet: www.hoehne.de / E-Mail: info@hoehne.de
Emergency Phone No.: In an emergency dial your local Emergency Call.
Keep this Safety Data Sheet at hand.

2 Composition / Information on Ingredients

Permanently plastic sealing putty based on synthetic binders with inorganic fillers.
Hazardous Ingredient(s):
No hazardous substance or hazardous preparation according to latest version of 67/548/EEC.

***3 Hazards Identification**

Special Hazard Identification for Human and Environment:
Hazard warning not required.
No specific hazards under normal conditions of handling and use.

***4 First-Aid Measures**

Inhalation:
It is improbable that components of the product will be inhaled. Inhalation does not represent an acute risk.
Skin Contact:
Wash off with cold or lukewarm water and soap.
Eye Contact:
In the event of contact with the eyes, hold the eyes open and rinse with lukewarm water for a sufficiently long period of time (10 minutes). If there is persistent irritation or reddening, a doctor (or eye specialist) should be consulted.
Swallowing:
Do not induce vomiting unless directed to do so by medical personnel. Provided the patient is conscious, wash out mouth with water (do not swallow). Never give anything by mouth to an unconscious person.
Medical advice is required.

***5 Fire-Fighting Measures**

Suitable Extinguishing Media:
Water, alcohol-resistant foam, CO₂, sand or dry powder.
Extinguishing Media which must not be used for safety reasons:
None known.
Special Exposure Hazards arising from the substance itself, combustion products, resulting gases:
Burning product sets free a complex mixture of gases and airborne particulates, including carbon monoxide, carbon dioxide and other noxious and inflammable gases and fumes.
Fire Fighting Protective Equipment:
Suitable respiratory protection with full face shield and positive air supply.
Further Information:
Do not let enter contaminated extinguishing water into the soil, groundwater or surface waters.

***6 Accidental Release Measures**

Personal Precautions:
Wear personal protection clothing (see Chapter 8, "Personal Protection").
Environmental Precautions:
Do not allow to enter drains, sewers or watercourses.
Clean-up Method:
Remove mechanically. Fill it into a clearly marked container. Waste should be disposed of as described in Chapter 13, "Disposal Considerations".

*7 Handling and Storage

Handling:

Observe the usual precautionary measures for chemicals. Handle in accordance with good industrial hygiene and safety practices. These practises include avoiding unnecessary exposure and removal of material from eyes, skin and clothing.

Advice on Protection against Fire and Explosion:

No special measures for fire and explosion protection required.

Storage:

Keep container closed and store under cool and dry conditions.

Keep away from strong oxidising agents and acids.

Protect from heat and direct sunlight. Maximum storage temperature: 40°C

Recommendation: Keep separated from foodstuffs.

Water pollution class (WGK): 1 - slightly hazardous to water

WGK = Classification in accordance with the German Water Resources Act (VwVwS 1999-05-17)

8 Exposure Controls / Personal Protection

Engineering Measures:

No special measures required under normal conditions of handling and use.

Occupational Exposure Limits:

The product contains no components with an Occupational Exposure Limit.

Personal Protection:

Respiratory Protection: Normally not required.

Hand Protection: Normally not required. Protective hand lotions recommendable.

Eye Protection: Normally not required.

Skin Protection: Normally not required.

General safety and hygienic measures:

Do not eat, drink or smoke during work.

Avoid lengthy and intensive contact with the skin. Avoid contact with the eyes.

Wash hands before breaks and at end of work thoroughly with water and soap.

Do not put any product in pockets of clothes.

*9 Physical and Chemical Properties

tested in accordance with

Form:	plastic (putty)	
Colour:	light-grey	
Odour:	nearly odourless	
Pour Point:	not applicable	
Flash Point:	> 200°C	DIN ISO 2592
Ignition Temperature:	> 300°C	
Vapour Pressure:	no noteworthy vapour pressure under ambient conditions	
Density:	1,95 g/cm ³ approx. (at 20°C)	DIN 53 479
Viscosity:	not applicable	
Solubility in Water:	insoluble (at 20°C)	
pH value	not applicable	

*10 Stability and Reactivity

General Information:

If stored and handled in accordance with standard industrial practices no hazardous reactions are known.

Material to Avoid:

Strong oxidising agents, acids.

Hazardous Decomposition Products:

No hazardous decomposition products when stored and handled correctly.

Further Information:

Thermal decomposition at temperatures above 250°C.

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*11 Toxicological Information

No specific data available for this product.
Information given is based on data on the components and on similarly composed products.

In analogy to test results for similarly composed products:

Acute Toxicity: No acute toxicity.
Eye Contact: Not expected to be irritant on eyes.
Skin Contact: Not expected to be irritant on skin.
Skin Sensitisation: Not expected to be a skin sensitiser.

*12 Ecological Information

No specific data available for this product.
Information given is based on data on the components and on similarly composed products.

Bioaccumulation:
Unlikely, due to very low water solubility.

Ecotoxicity:
The product is expected to be practically non-toxic to aquatic organisms; LC/EC₅₀ > 100 mg/l.

Further Information:
Do not allow to escape into waters, wastewater or soil.
The product is insoluble in water, chemically neutral and free of hazardous components.
Because of its insolubility in water the product separates on every filtration or sedimentation process.

13 Disposal Considerations

The relevant EU Directives and local, regional and national regulations must be complied with.
It is among the tasks of the polluter to assign the waste to waste codes specific to industrial sectors and processes according to the European Waste Catalogue. It is recommended that details be sorted out with the waste disposer responsible.

The waste can be disposed of in a suitable incinerator under compliance with the relevant legislation.

After containers have been emptied as thoroughly as possible (e.g. by pouring, scraping or draining until "drip-dry"), any product residue adhering to their walls has been rendered harmless, and the product and hazard labelling has been invalidated, they can be sent to an appropriate collection point set up within the framework of the existing take-back scheme of the chemical industry.

Containers must be recycled in compliance with national legislation and environmental regulations.

14 Transport Information

No dangerous cargo.
Recommendation: Keep separated from foodstuffs.

15 Regulatory Information

No labelling is required in accordance with the EEC directives.

Risk/Safety Phrases:
Not required.

*16 Other Information

This data sheet was prepared in accordance with the EU Directives.

In the Safety Data Sheet all chapters which have been changed since last edition are marked with an asterisk (*) in front of the chapter number.

This Safety Data Sheet replaces all previous information.

Revised and valid from: see date of issue.

The data given here is based on current knowledge and experience. The purpose of this Safety Data Sheet is to describe the products in terms of their safety requirements. The data does not signify any warranty with regard to the products' properties.