



The MSDS format adheres to the standards and regulatory requirements of the United States and may not meet regulatory requirements in other countries.

Bioclear Matrix Systems
Safety Data Sheet – RS Polishers

Composite Polishers
Date of issue: 17.08.2017

Section I: Identification

1.1 Product Identifier:

Trade Name: Polyurethane + diamond
Article No.: n.av.
Preparation No.: n.av.
Registration No.: n.ap.

1.2 Relevant identified uses of the substance or mixture and uses advised against
Identified uses: polishing paste

1.3 Details of the supplier of the safety data sheet

1.3.1 Address of the Company / Supplier:

Bioclear Matrix
3802 S Warner Street., Suite A
Tacoma, WA 98409
USA
Telephone: 855.712.5327

1.3.2 Responsible for the data sheet:

CoSiChem AG, Ernst-Lemmer-Straße 23, D - 35041 Marburg, info@cosichem.de

1.4 Emergency telephone number

Emergency - Telephone of Company / Undertaking
Telephone: +49 – 7231 – 97770 (8:30 – 16:30)
Information Centre Specialising in Symptoms of Poisoning
Telephone: +44 870 600 6266





SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification and labelling according to Directive 1272/2008/EC:

2.2 Label elements

Classification according to 1272/2008/EC: No.

Applicable Exemptions:

Signal word(s): n.ap.

Hazard pictogram(s):

Component(s):

H - Phrases:

P - Phrases:

Additional Markings:

None.

The above mentioned labelling is valid for distribution to industrial user.

2.3 Other hazards

This mixture contains no substances which are assessed to be PBT or vPvB.

SECTION 3: Composition/information on ingredients

3.1 Substances

n.ap.

3.2 Mixtures

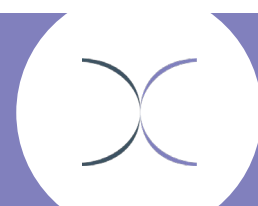
Chemical Characterization:

This product does not contain any substances which are classified as dangerous or the concentration lies below the limit laid down by the law.

Dangerous Ingredients:

Material	m% - range
CAS - No.	
EC - No.	
REACH - No.	
Hazard Code(s) / H - phrases	

Text of H - phrases: see section 16 m% - range: $x - y \triangleq x \geq - < y$





SECTION 4: First aid measures

4.1 Description of first aid measures

4.1.1 Inhalation:

Move to fresh air in case of accidental inhalation of dust or fumes from overheating or combustion.

4.1.2 Skin Contact:

Wash off with warm water and soap.

4.1.3 Eye Contact:

In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If symptoms persist, call a physician.

4.1.4 Ingestion:

Clean mouth with water and afterwards drink plenty of water. Do not induce vomiting. Consult a physician for severe cases. Show this safety data sheet to the doctor in attendance.

4.2 Most important symptoms and effects, both acute and delayed

None known.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1 Extinguishing media

5.1.1 Suitable Extinguishing Media:

Use dry chemical, CO₂, water spray or "alcohol" foam.

5.1.2 Extinguishing Media to Avoid:

high volume water jet

5.2 Special hazards arising from the substance or mixture

In the event of fire the following can be released: Carbon oxides Sulphur oxides





5.3 Advice for firefighters

5.3.1 Special Protective Equipment:

Wear positive pressure self-contained breathing apparatus. Wear full protective clothing.

5.3.2 Additional Information:

Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

See chapter 8.2.2

6.2 Environmental precautions

Do not contaminate water. Do not let product enter drains. Local authorities should be advised if significant spillages cannot be contained.

6.3 Methods and material for containment and cleaning up

Use mechanical handling equipment. Keep in suitable, closed containers for disposal.

6.4 Reference to other sections

None.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

7.1.1 Precautions for Safe Handling:

Avoid contact with eyes. When using, do not eat, drink or smoke. Take off all contaminated clothing immediately. Wash hands before breaks and at the end of workday.

7.1.2 Precautions in Case of Fire and Explosion:

Normal measures for preventive fire protection.

7.2 Conditions for safe storage, including any incompatibilities





7.2.1 Storage Instructions:

Keep container tightly closed in a dry and well-ventilated place.

7.2.2 Store away from:

Do not store together with strong oxidizing agents

7.2.3 Further Information on Storage Conditions:

None.

7.3 Specific end use(s)

n.av.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Material	Limit Value
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8.2 Limit Value

8.2.1 Appropriate engineering controls

Ensure adequate ventilation.

8.2.2 Individual protection measures

8.2.2a Respiratory Protection:

not required under normal use

8.2.2b Hand Protection:

not required under normal use

Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time.

8.2.2c Eye Protection:

If splashes are likely to occur, wear: safety glasses





8.2.2d Skin Protection:

None.

8.2.2e Further Information:

Observe wearing time limits:

8.2.3 Environmental exposure controls:

n.av.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

9.1.1 Form: paste	Colour: white	Odour: pleasant	
		Odour threshold: n.av.	
9.1.2 pH-value, undiluted:		n.ap.	
	pH-value, 1% aqueous solution:	n.av.	
9.1.3 Boiling point / Boiling - range (°C):		n.av., Melting point / Melting range (°C): n.av.	
9.1.4 Flash point (°C):		n.ap., closed cup	
9.1.5 Flammability (EEC A10/A13):		No.	
9.1.6 Ignition temperature (°C):		n.av.	
9.1.7 Autoflammability (EEC A16):		None.	
9.1.8 Oxidising properties:		No.	
9.1.9 Explosion hazard:		No.	
9.1.10 Explosion limits (Vol.%) lower:		n.av., upper: n.av.	
9.1.11 Vapour pressure:		n.av.	
	Vapour density (Air = 1):	n.av.	
9.1.12 Density (g/ml):		n.av.	
9.1.13 Solubility (in Water):		slightly soluble	Soluble in:
9.1.14 Partition coefficient, n-Octanol / Water:		n.av.	
9.1.15 Viscosity:		n.av.	
9.1.16 Solvent content (m %):		Not relevant	
9.1.17 Thermal decomposition (°C):		n.av.	
9.1.18 Evaporation rate:		n.av.	

9.2 Other information

n.av.





SECTION 10: Stability and reactivity

10.1 Reactivity

None.

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

No dangerous reaction known under conditions of normal use.

10.4 Conditions to avoid

No conditions to be specially mentioned.

10.5 Incompatible materials

Incompatible with oxidizing agents.

10.6 Hazardous decomposition products

No decomposition if stored and applied as directed. To avoid thermal decomposition, do not overheat.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute Health Effects:

Inhalation:	n.av.
Ingestion:	n.av.
Skin Contact:	n.av.
Skin corrosion / irritation:	None.
Serious eye damage / irritation:	None.
Respiratory or skin sensitisation:	None.
Germ cell mutagenicity: Carcinogenicity:	n.av.
Reproductive toxicity:	n.av.
STOT-single exposure:	n.av.
STOT-repeated exposure:	n.av.
Aspiration hazard:	n.av.





11.1.1 Practical Experience

11.1.11 n.av.

11.1.12 Practical Experience

Observations relevant for classification:

None.

Further Observations:

None.

Classification of the preparation has been done by calculation in accordance with EEC directives.

SECTION 12: Ecological information

12.1 Toxicity

We have no quantitative data concerning the ecological effects of this product.

12.2 Persistence and degradability

No data is available on the product itself.

12.3 Bioaccumulative potential

n.av.

12.4 Mobility in soil

n.av.

12.5 Results of PBT and vPvB assessment

This mixture contains no substances which are assessed to be PBT or vPvB.

12.6 Other adverse effects

12.6.1 COD-Value, mg/g: n.av.

12.6.2 BOD5-Value, mg/g: n.av.

12.6.3 AOX-Remarks: Not applicable.

12.6.4 Significant Components: None

12.6.5 Other adverse effects: Not applicable.





SECTION 13: Disposal considerations

13.1 Waste treatment methods

13.1.1 Recommendation: n.av. Waste - Code - No.:
The Waste code should be assigned in discussion between the user, the producer and the waste disposal company.

In addition comply with the regional authorities.

13.2 Contaminated Packaging

13.2.1 Recommendation: Wash with suitable cleaner. Otherwise as described under Residues.
Offer rinsed packaging material to local recycling facilities.

13.2.2 Safe Handling: As described under Residues. Handle in accordance with good industrial hygiene and safety practice.

SECTION 14: Transport information

	ADR Not a dangerous substance as defined in the above regulations.	IMDG Not a dangerous substance as defined in the above regulations.	IATA Not a dangerous substance as defined in the above regulations.
14.1	UN number		
14.2	UN proper shipping name		
14.3	Transport hazard class(es)		
14.4	Packing group		
14.5	Environmental hazards		
14.6	Special precautions for user Transport category: Classification Code: Hazard - No.: LQ:		Packing Instructions (Passenger) Packing Instructions (Cargo)
14.7	Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code		





SECTION 15: Regulatory information

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

15.2 Chemical safety assessment :
n.ap.

SECTION 16: Other information

Text of H phases mentioned in Section 3

This datasheet has been compiled in accordance with EU regulation 2015/830.

The statements in this Material Safety Data Sheet were made to the best of our knowledge and are as accurate as possible. They are given for information only. They do not constitute a contractual guarantee of a product's properties. They must neither be altered nor transferred to other products.

Prepared by: CoSiChem AG, Ernst-Lemmer-Straße 23, D - 35041 Marburg, info@cosichem.de, +49-6421-886563 Receipt of Data: 07.08.2017, ern_0008

Indicates updated section.

This information is based upon technical information believed to be reliable. It is subject to revision as additional knowledge and experience is gained.

End of SDS

