



Safety Data Sheet

acc. to OSHA HCS

Printing date 04/11/2019

Reviewed on 04/11/2019

1 Identification

- **Product identifier**
- **Trade name: Biopor AB Xtrack**
- **Application of the substance / the mixture**
Addition vulcanizing metal detectable silicone for the production of earmolds
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
Dreve Otoplastik GmbH
Max-Planck-Straße 31
59423 Unna / Germany
Tel.: ++49 2303 / 8807-0
Fax.: ++49 2303 / 8807-29
- **Information department:**
Department Research & Development
Fax.: +49 2303 8807-562
Email: sicherheitsdatenblatt@dreve.de
- **Emergency telephone number:**
+49 211 797-3350
Plant Fire Department Henkel

2 Hazard(s) identification

- **Classification of the substance or mixture**
The product is not classified, according to the Globally Harmonized System (GHS).

- **Label elements**
- **GHS label elements** Void
- **Hazard pictograms** Void
- **Signal word** Void
- **Hazard statements** Void
- **Classification system:**
- **NFPA ratings (scale 0 - 4)**



- **HMIS-ratings (scale 0 - 4)**

HEALTH	0	Health = 0
FIRE	1	Fire = 1
REACTIVITY	0	Reactivity = 0

- **Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

3 Composition/information on ingredients

- **Chemical characterization: Mixtures**
- **Description:** Addition-vulcanizing 2-component silicone

Dangerous components:

93685-79-1	Isoparaffin-mixture C12, C16 and C20	≤2.5%
------------	--------------------------------------	-------

(Contd. on page 2)



Safety Data Sheet

acc. to OSHA HCS

Printing date 04/11/2019

Reviewed on 04/11/2019

Trade name: **Biopor AB Xtrack**

(Contd. of page 1)

- **Additional information:** For the wording of the listed hazard phrases refer to section 16.

4 First-aid measures

- **Description of first aid measures**
- **General information:** No special measures required.
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:** Generally the product does not irritate the skin.
- **After eye contact:**
Rinse opened eye for several minutes under running water. Then consult a doctor.
- **After swallowing:**
Do not induce vomiting.
Call a doctor immediately.
- **Information for doctor:**
- **Most important symptoms and effects, both acute and delayed**
No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

5 Fire-fighting measures

- **Extinguishing media**
- **Suitable extinguishing agents:**
CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **For safety reasons unsuitable extinguishing agents:** Water with full jet
- **Special hazards arising from the substance or mixture**
No further relevant information available.
- **Advice for firefighters**
- **Protective equipment:** No special measures required.

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**
Avoid contact with eyes
- **Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
- **Reference to other sections**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.
- **Protective Action Criteria for Chemicals**

- **PAC-1:**

7439-89-6	iron	3.2 mg/m ³
	Polydimethylsiloxan	65 mg/m ³
	Vinylpolydimethylsiloxane	48 mg/m ³
	Methylhydrogenpolysiloxan	30 mg/m ³
13463-67-7	titanium dioxide	30 mg/m ³

(Contd. on page 3)



Safety Data Sheet

acc. to OSHA HCS

Printing date 04/11/2019

Reviewed on 04/11/2019

Trade name: **Biopor AB Xtrack**

(Contd. of page 2)

· PAC-2:

7439-89-6	iron	35 mg/m ³
	Polydimethylsiloxan	720 mg/m ³
	Vinylpolydimethylsiloxane	530 mg/m ³
	Methylhydrogenpolysiloxan	330 mg/m ³
13463-67-7	titanium dioxide	330 mg/m ³

· PAC-3:

7439-89-6	iron	150 mg/m ³
	Polydimethylsiloxan	4,300 mg/m ³
	Vinylpolydimethylsiloxane	3,200 mg/m ³
	Methylhydrogenpolysiloxan	2,000 mg/m ³
13463-67-7	titanium dioxide	2,000 mg/m ³

7 Handling and storage

- **Handling:**
- **Precautions for safe handling** When using do not eat, drink or smoke.
- **Information about protection against explosions and fires:** No special measures required.
- **Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** Keep receptacle tightly sealed.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** None.
- **Specific end use(s)** No further relevant information available.

8 Exposure controls/personal protection

- **Additional information about design of technical systems:** No further data; see item 7.
- **Control parameters**
- **Components with limit values that require monitoring at the workplace:**
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- **Additional information:** The lists that were valid during the creation were used as basis.
- **Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:**
The usual precautionary measures for handling chemicals should be followed.
- **Breathing equipment:** Not required.
- **Protection of hands:** Not required.
- **Material of gloves** Not applicable
- **Penetration time of glove material** Not applicable
- **Eye protection:** Goggles recommended during refilling.
- **Body protection:** Protective work clothing

—US—

(Contd. on page 4)



Safety Data Sheet

acc. to OSHA HCS

Printing date 04/11/2019

Reviewed on 04/11/2019

Trade name: **Biopor AB Xtrack**

(Contd. of page 3)

9 Physical and chemical properties

- Information on basic physical and chemical properties

- General Information

- Appearance:

Form: Viscous

Color: Blue

- Odor: Characteristic

- Odor threshold: Not determined.

- pH-value: Not determined.

- Change in condition

Melting point/Melting range: Undetermined.

Boiling point/Boiling range: 301 °C (573.8 °F)

- Flash point: 111 °C (231.8 °F)

- Flammability (solid, gaseous): Not applicable.

- Ignition temperature: > 350 °C (>662 °F)

- Decomposition temperature: Not determined.

- Auto igniting: Product is not selfigniting.

- Danger of explosion: Product does not present an explosion hazard.

- Explosion limits:

Lower: Not determined.

Upper: Not determined.

- Oxidizing properties: Not determined

- Vapor pressure at 20 °C (68 °F): 5 hPa (3.8 mm Hg)

- Density at 20 °C (68 °F): 1.15 g/cm³ (9.59675 lbs/gal)

- Relative density: Not determined.

- Vapor density: Not determined.

- Evaporation rate: Not determined.

- Solubility in / Miscibility with

Water: Not miscible or difficult to mix.

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

- Viscosity:

Dynamic: Not determined.

Kinematic: Not determined.

- Solvent content:

Organic solvents: 0.0 %

- Other information: No further relevant information available.

10 Stability and reactivity

- Reactivity: No dangerous reactions if used according to specifications

- Chemical stability: Stable if used according to specifications

- Thermal decomposition / conditions to be avoided:

No decomposition if used according to specifications.

- Possibility of hazardous reactions: No dangerous reactions known.

(Contd. on page 5)



Safety Data Sheet

acc. to OSHA HCS

Printing date 04/11/2019

Reviewed on 04/11/2019

Trade name: **Biopor AB Xtrack**

(Contd. of page 4)

- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known.

11 Toxicological information

- **Information on toxicological effects**

- **Acute toxicity:**

- **Primary irritant effect:**

- **on the skin:** No irritant effect.

- **on the eye:** No irritant effect.

- **Sensitization:** No sensitizing effects known.

- **Additional toxicological information:**

The product is not subject to classification according to internally approved calculation methods for preparations:

When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

- **Carcinogenic categories**

- **IARC (International Agency for Research on Cancer)**

13463-67-7	titanium dioxide	2B
------------	------------------	----

- **NTP (National Toxicology Program)**

None of the ingredients is listed.

- **OSHA-Ca (Occupational Safety & Health Administration)**

None of the ingredients is listed.

12 Ecological information

- **Toxicity**

- **Aquatic toxicity:** No further relevant information available.

- **Persistence and degradability** No further relevant information available.

- **Behavior in environmental systems:**

- **Bioaccumulative potential** No further relevant information available.

- **Mobility in soil** No further relevant information available.

- **Additional ecological information:**

- **General notes:**

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

- **Results of PBT and vPvB assessment**

- **PBT:** Not applicable.

- **vPvB:** Not applicable.

- **Other adverse effects** No further relevant information available.

13 Disposal considerations

- **Waste treatment methods**

- **Recommendation:** Disposal must be made according to official regulations.

(Contd. on page 6)

US



Safety Data Sheet acc. to OSHA HCS

Printing date 04/11/2019

Reviewed on 04/11/2019

Trade name: **Biopor AB Xtrack**

(Contd. of page 5)

- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.

14 Transport information

- | | |
|--|-----------------|
| · UN-Number | |
| · DOT, ADR, ADN, IMDG, IATA | Void |
| · UN proper shipping name | |
| · DOT, ADR, ADN, IMDG, IATA | Void |
| · Transport hazard class(es) | |
| · DOT, ADR, ADN, IMDG, IATA | |
| · Class | Void |
| · Packing group | |
| · DOT, ADR, IMDG, IATA | Void |
| · Environmental hazards: | Not applicable. |
| · Special precautions for user | Not applicable. |
| · Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code | Not applicable. |
| · UN "Model Regulation": | Void |

15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Sara**

· Section 355 (extremely hazardous substances):
--

None of the ingredient is listed.

· Section 313 (Specific toxic chemical listings):
--

None of the ingredients is listed.

· TSCA (Toxic Substances Control Act):

All ingredients are listed.

· Proposition 65

· Chemicals known to cause cancer:

13463-67-7 titanium dioxide

· Chemicals known to cause reproductive toxicity for females:
--

None of the ingredients is listed.

· Chemicals known to cause reproductive toxicity for males:
--

None of the ingredients is listed.

· Chemicals known to cause developmental toxicity:

None of the ingredients is listed.

(Contd. on page 7)



Safety Data Sheet

acc. to OSHA HCS

Printing date 04/11/2019

Reviewed on 04/11/2019

Trade name: **Biopor AB Xtrack**

(Contd. of page 6)

- **Cancerogenity categories**

- **EPA (Environmental Protection Agency)**

None of the ingredients is listed.

- **TLV (Threshold Limit Value established by ACGIH)**

13463-67-7 titanium dioxide

A4

- **MAK (German Maximum Workplace Concentration)**

13463-67-7 titanium dioxide

3A

- **NIOSH-Ca (National Institute for Occupational Safety and Health)**

13463-67-7 titanium dioxide

- **GHS label elements** Void

- **Hazard pictograms** Void

- **Signal word** Void

- **Hazard statements** Void

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

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.

- **Department issuing SDS:** Department Research & Development

- **Contact:** Dr. Thomas Veit, Lothar Sutor

- **Date of preparation / last revision** 04/11/2019 / 1

- **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)

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

ACGIH: American Conference of Governmental Industrial Hygienists

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

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

NFPA: National Fire Protection Association (USA)

HMIS: Hazardous Materials Identification System (USA)

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

NIOSH: National Institute for Occupational Safety

OSHA: Occupational Safety & Health

TLV: Threshold Limit Value

PEL: Permissible Exposure Limit

REL: Recommended Exposure Limit

- *** Data compared to the previous version altered.**

— US —