



MICROBEADS AG
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Trade name : Duroplast

Safety data sheet according EG 2001/58/EG

Issue date: January 2020

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1. Material- / Preparation and company name

Trade name:	Duroplast
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2. Constitution / Component data

Chemical characteristics:	Amino plast shaping mass, hardened. Product is a complex mix.
Description:	Plastics produced from urea resin.
Dangerous components in the product:	not applicable
Contents in %:	not applicable
Identification:	not applicable
R-Index:	not applicable
CAS-Number:	not applicable
EINECS-Number:	not applicable
Other components:	Cellulose

3. Possible dangers

Description of dangers:	No health damaging dangers in harden products.
Special danger for men and environment:	No environmentally damaging properties, as the material is inactive and biologically difficult to decompose.

4. First aid measures

General instructions:	In case of symptoms or in case of doubt seek a doctor.
After inhalation:	Fresh air put afflicted. Persons in the recovery position if breathing is irregular or breathing has stopped, person respiration and arrange immediately for further treatment medical.



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4. First aid measures

After swallowing: On swallowing consult a doctor immediately. Keep patient calm. Not starting any vomiting.

After contact with eyes: Rinse thoroughly with water. If irritation persist, seek doctor.

a **After skin contacts:** Wash the affected skin areas with water.

5. Measures for fire fighting

Suitable extinguishing substance: Foam, CO₂, Powder, H₂O

Unsuitable extinguishing substance: Jet of water

Particular danger from material, is combustion products or resulting gases: Inhalation of dangerous Decomposition products can cause serious health risks.

Special protective equipment: If necessary protective breathing device.

6. Measures on unintentional release

Person related protection measures: Keep clear from sources of ignition and air room well. prevent collecting of dust. Material left lying around can increase danger of supping.

Environmental protection measures: No environmentally damaging properties, as material inactive and difficult to biologically decompose.

Product for cleaning up: Material left lying around should be picked mechanically.

7. Handling and Storage

General instructions for safe use: Store dry. Do not use or store product in proximity of naked flames, heat or ignition sources.

Instructions for fire and explosion protection: Remove existing dust by cleaning.

Storage temperature (°C): Surrounding temperature

Storage class: not applicable



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8. Limits of exposure and personal protective equipment

Exposure limits at place of work: Does not apply for the harden product.
MAK concentration: 6 mg/m³ fine dust concentrate
Personal protective equipment: Protective breathing mask
Protective goggles

9. Physical and chemical properties

Form: Solid (Granule)
Standard - size in mesh: 60/80; 40/60; 30/40; 20/40;
20/30; 16/20; 12/20; 12/16
Colour: multi - coloured
Smell: not applicable
pH-Value: not applicable
Change of state: not applicable
Boiling point / range: not applicable
Melting point / range: not applicable
Flammable point: not applicable
Ignition temperature: > 500 °C
Density 20 °C: 1,5 g/cm³
Heaping density: approx 900 kg/m³
Lower explosion limit: 130 g/cm³
Upper explosion limit: not applicable
Self ignition: not applicable
Solubility: not applicable
Viscosity: not applicable
Further details: no data available

10. Stability and reactivity

Stability: stabile
Conditions to avoid: not applicable
Dangerous release products: none, if used properly.
A thermal decomposition starts at > 500 °C.
This can lead to dangerous release products e.g.
smoke, CO, CO²

11. Data regarding Toxicology

Acute Toxicology: none
Special symptoms in animal testing: not applicable
Sensitivity: not applicable
Sub acute or chronic toxicity: none
Further details: no further details applicable



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12. Eco logical data

Eco toxic effects: No environmentally damaging properties, as material inactive and difficult to biologically decompose.

13. Instructions for disposal

The information below applies to the product as it is and not to further processed products. Other disposal methods maybe required, if mixed with other products or materials.

Disposal code number:	LAGA	57107	Hardened shaped bulks (Duroplast waste)
Disposal code number:	EWC	120105	plastic parts

14. Transport data

Ground transport ADR / RID	
GGVS/GGVE	not a dangerous product
Class, Digit, I.D.-Letter	not applicable
Danger Ident - Number	not applicable
Danger sheet sample-number:	not applicable
Accident sheet number:	not applicable
Inland sea transport	
ADN/ADNR	not a dangerous product
Class, Digit, I.D.-Letter	not applicable
Danger sheet-number:	not applicable
Sea transport	
IMDG-Code/GGVSea	not a dangerous product
IMO/GGVSea - Class	not applicable
Aviation transport	
ICAO/IATA-Class	not a dangerous product
packaging regulations	not applicable

15. Regulations

Identification:	not required
Classification acc: to VbF	not required
TA - Air:	not required
WGK:	0 according VAWS

16. Further details

The details contained here in only refer to the named product. They can however no longer apply if the product is used with other materials or in other production processes. The statements are in accordance with our knowledge and experience at the given date. However no liability for faultiness, reliability and completeness will be given. the user must convince himself that all statements for his individual use are suitable and complete.