

COSHH

Material Safety Data Sheet

BenePlas Pro-Plusi

Low Temperature Plastic

Benefoot UK Ltd

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according to ISO11014-1:1994(E)

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1 Chemical Product and Company Information

- ~ Trade name: BenePlas Pro-Plusi
- ~ Usage: Custom Hand Splinting.

2 Composition and Information on Ingredients

- ~ Chemical characterization: preparation of polycaprolactone, styrene-butadiene rubber (SBS), calcium carbonate (CaCO₃).
- ~ Hazardous contents: void.

3 Hazards Identification

- ~ Flammability.

4 First Aid Measures

- ~ After inhalation: no evidence of adverse effect from available information.
- ~ After skin contact: no evidence of adverse effect from available information.
- ~ After eye contact: no evidence of adverse effect from available information.
- ~ After swallowing: in case of persistent symptoms, consult a physician.
- ~ Professional assistance by a physician: not necessary unless indicated.

5 Fire Fighting Measures

- ~ Suitable extinguishing agents: water, foam, dry powder.
- ~ Extinguishing agents not to be used for precautionary reasons: void.
- ~ Products that can be released in case of a fire: carbon dioxide (CO₂), carbon monoxide (CO), nitrogen oxide (NO).
- ~ Special protective equipment for firemen: use independent respiration equipment.

6 Accidental Release Measures

- ~ Person-related safety precautions: not required.
- ~ Measures for environmental protection: not special measures required.
- ~ Measures for cleaning: collect mechanically.

7 Handling and Storage

- ~ Handling:
- ~ Precautionary measures: not required.
- ~ Protective measures against fire: do not use an open fire to activate the material.
- ~ Storage: Store horizontal in original packaging, away from humidity and direct sun exposure at a temperature between 10°C (50°F) and 30°C (86°F).
- ~ Maximum storage period: 2 years.

8 Exposure Controls and Personal Protection

- ~ Additional designation for arrangement of storage room and handling equipment: void.
- ~ Components with limit values that require monitoring at the workplace: void.
- ~ Personal protective equipment: not required.
- ~ General protective and hygienic measures: void.

9 Physical and Chemical Properties

- ~ Appearance: flat sheet
- ~ Color: oyster
- ~ Odor: odorless
- ~ Ph: N.A.
- ~ Changes in physical state: becomes mouldable at 60°C (140°F)
- ~ Relative density: 1.38g/cm³
- ~ Solubility in water: insoluble

10 Stability and Reactivity

- ~ Circumstance to be avoided that can cause a reaction with the substance: do not heat above 250°C (482°F) in order to avoid decomposition.
- ~ Substance to be avoided in reaction with the substance: not applicable.
- ~ Hazardous products of decomposition: can be released with thermal decomposition: carbon dioxide (CO₂), carbon monoxide (CO), nitrogen oxide (NO).

11 Toxicological Information

- ~ When used and handled according to specifications, the product does not have any harmful effects on health according to our experience and the information provided to us.
- ~ May cause delayed skin hypersensitivity under extreme conditions of high temperature (ca.50°C, 122°F) and long term exposure.

12 Ecological Information

- ~ Biodegradation: breakdown possible in high bacteriological environment, e.g. in compost with a moisture content.

13 Disposal Considerations

- ~ This product must be disposed of in accordance with the local regulations.
- ~ This product may be treated as a household waste and dumped or incinerated in a suitable incinerator.

14 Transport Information

- ~ Non-hazardous product.

15 Regulatory Information

- ~ National regulations: FDA classification number 3003803149.

16 Other Information

- ~ Seeing relevant instruction for more using information.
- ~ Making out department: R & D Dept.
- ~ Last change: N.A.
- ~ N.A. =information not available

The above . mentioned information is based on our present state of knowledge. However, it shall constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship. Existing laws and regulations are to be observed on the responsibility of the receiver of our product.