

Printing date 12/10/2015

Reviewed on 12/10/2015

1 Identification

- · Product identifier
- · Trade name: Otoform pink firm
- · Application of the substance / the mixture Impression material
- · 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)



Fire = 1Reactivity = 0

· HMIS-ratings (scale 0 - 4)



Health = 0Fire = 1Reactivity = 0

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

3 Composition/information on ingredients

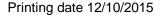
- · Chemical characterization: Mixtures
- · Description: Addition-vulcanising 2-component silicone

· Dangerous components:

14807-96-6 Talc (Mg3H2(SiO3)4)

471-34-1 calcium carbonate

10-25%





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10-25%

< 2,5%

Trade name: Otoform pink firm

8042-47-5 paraffin oil

8002-74-2 Paraffin waxes and Hydrocarbon waxes

· Additional information: For the wording of the listed risk 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.
- \cdot Environmental precautions: Do not allow to enter sewers/ surface or ground water.
- Methods and material for containment and cleaning up: Pick up mechanically.
- · Reference to other sections
 - No dangerous substances are released.

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

7 Handling and storage

- · Handling:
- · Precautions for safe handling When using do not eat, drink or smoke.
- \cdot Information about protection against explosions and fires: No special measures required.

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- · 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 re 	equire monitoring at the workplace:
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- 14807-96-6 Talc (Mg3H2(SiO3)4)
- PEL Long-term value: 20 mppcf ppm (containing <1% Quartz) REL Long-term value: 2* mg/m³
 - *respirable dust; and <1% Quartz
- TLV Long-term value: 2* mg/m³ *as respirable fraction; E

471-34-1 calcium carbonate

- PEL Long-term value: 15* 5** mg/m³
 - *total dust **respirable fraction
- REL Long-term value: 10* 5** mg/m³ *total dust **respirable fraction
- TLV TLV withdrawn

8002-74-2 Paraffin waxes and Hydrocarbon waxes

- REL Long-term value: 2 mg/m³
- TLV Long-term value: 2 mg/m³
- · 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: Not required.
- **Body protection:** Protective work clothing

9 Physical and chemical properties

- · Information on basic physical and chemical properties
- General Information
- · Appearance:
 - Form:
 - Color:

Pasty Pink opaque

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· Odor: · Odor threshold:	Characteristic Not determined.	
· pH-value:	Not applicable.	
 Change in condition Melting point/Melting range: Boiling point/Boiling range: 	Undetermined. 201 °C (394 °F)	
· Flash point:	131 °C (268 °F)	
· Flammability (solid, gaseous):	Not determined.	
· Ignition temperature:	460 °C (860 °F)	
· Decomposition temperature:	> 200 °C (> 392 °F)	
· Auto igniting:	Product is not selfigniting.	
· Danger of explosion:	Product does not present an explosion hazard.	
 Explosion limits: Lower: Upper: Oxidizing properties 	0,6 Vol % 6,5 Vol % Not determined	
· Vapor pressure at 20 °C (68 °F):	100 hPa (75 mm Hg)	
 Density at 20 °C (68 °F): Relative density Vapor density Evaporation rate 	1,7 g/cm ³ (14.187 lbs/gal) Not determined. Not applicable. Not applicable.	
 Solubility in / Miscibility with Water: 	Insoluble.	
· Partition coefficient (n-octanol/wate	· Partition coefficient (n-octanol/water): Not determined.	
 Viscosity: Dynamic: Kinematic: 	Not applicable. Not applicable.	
 Solvent content: Organic solvents: Other information 	0,0 % No further relevant information available.	

10 Stability and reactivity

 \cdot Reactivity No dangerous reactions if used according to specifications.

- \cdot Chemical stability Stable if used according to specifications.
- \cdot Thermal decomposition / conditions to be avoided:
- No decomposition if used according to specifications.
- Possibility of hazardous reactions No dangerous reactions known.
- Conditions to avoid No further relevant information available.
- · Incompatible materials: No further relevant information available.
- · Hazardous decomposition products: No dangerous decomposition products known.

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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)

14807-96-6 Talc (Mg3H2(SiO3)4)

14464-46-1 cristobalite

· NTP (National Toxicology Program)

14464-46-1 cristobalite

· 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.

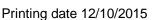
- Results of PBT and vPvB assessment
- **PBT:** Not applicable.
- vPvB: Not applicable.
- Other adverse effects No further relevant information available.

13 Disposal considerations

- Waste treatment methods
- Recommendation: Disposal must be made according to official regulations.
- · Uncleaned packagings:
- Recommendation: Disposal must be made according to official regulations.

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Westone

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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: Marine pollutant: 	No
· 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

- \cdot 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:

None of the ingredients is listed.

· 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.

· Cancerogenity categories

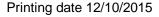
· EPA (Environmental Protection Agency)

None of the ingredients is listed.

- TLV (Threshold Limit Value established by ACGIH)
- 14807-96-6 Talc (Mg3H2(SiO3)4)

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· MAK (German Maximum Workplace Concentration)

14464-46-1 cristobalite

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

14464-46-1 cristobalite

· 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 12/10/2015 / 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