

Safety Data Sheet

1 Name of material / Company trademark

Commercial name:	INTERDUPLICAST A	Production
Manufacturer / Supplier:	INTERDENT d.o.o. Opekarniška cesta 26 SI - 3000 Celje	INTERDENT d.o.o. DOL 1 SI – 3342 GORNJI GRAD
Telephone number:	+386 (0)3 425-62-00	
Fax:	+386 (0)3 425-62-10	
Emergency phone:	+386 (0)3 425-62-00	

2 Possible dangerous effects

Classification system: The product is not hazardous.

3 Ingredient Content / Ingredient information

Polydimethylsiloxan with functional groups and additives for making lattice.		
CAS 68083-19-2	poly(dimethylsiloxane), vinyl terminated	40-60%
CAS 63148-62-9	silicone oil	20-30%

4 First aid

<i>General information:</i>	No special measures required.
<i>After inhalation:</i>	n.a.
<i>After skin contact:</i>	Remove mechanically with paper or towel.
<i>After eye contact:</i>	Rinse opened eye for 10 – 15 minutes with water. If symptoms persist, consult doctor.
<i>After swallowing:</i>	Vomiting occurs and doctor consult.

5 Fire fighting measures

Suitable extinguishing agents: CO₂, foam, water, sand.

6 Accidental release measures

Measures for cleaning/collecting: Absorb with sand and collect mechanically. The product is not environmental risk.

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7 Handling and storage

Storage in dry place, and keep in closed container at temperature 10° C - 23° C.

8 Exposure controls and personal protection

Personal protective equipment

Respiratory protection: n. a.

Protection of hands: n. a.

Eye protection: n. a.

9 Physical and chemical properties

Appearance: Viscous liquid

Colour: White

Odour: Odourless

Boiling point range: -

pH: cca. 7

Flash point: > 250 °C

Explosive properties: Over 200 °C

Vapour pressure: < 0.01 hPa (20 °C)

Solubility (in water): no

Viscosity (mPa): 3400mPa·s at 23°C

Melting point: -

Auto ignition: > 400 °C

Oxidising properties: -

Relative density: 1.1 – 1.5 g / cm³ at 20 °C

10 Stability and reactivity

At appropriate storage and handling there are not known any hazardous reactions.

Materials to be avoided: /

Hazardous decomposition products: Not known at appropriate handling and storage.
Oxidative decomposition at temperature over 150°C
cause the formation of formaldehyde.

11 Toxicological information

Generally: There are not expected any consequence at appropriate use.

Primary irritant effect:

Skin contact (animal): None

Eye contact (animal): Small irritation.

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12 Ecological information

Information about elimination (persistence and degradability):

Not biodegradable. Polidimethylsiloxanes are degradable under certain conditions.

Ecologically toxic effects: Not hazardous for water animals.

Additional ecological information: In latticed (when both components mixed together) state can be removed from water with filtration.

13 Disposal considerations

Smaller quantities can be disposed with household garbage.

Bigger quantities should be disposed according to local law.

14 Transport information

Railway / Road transport: Not dangerous according to the ADR regulations.

Air transport: Not dangerous according to ICAO / IATA regulations.

Sea / River transport: Not dangerous product.

15 Regulatory information

Designation according to EC guidelines: The material is not subject to classification according to EC lists and other sources of literature known to us.

16 Other information

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.