

EC Safety Data Sheet
Produkt: Gips-Sep

Date of issue 05.07.01
Date of printing: 24.10.01

Version: 001

dentona AG
Kortental 69
44149 Dortmund
Tel: +49 (0) 231 555 6 0
Fax: +49 (0) 231 555 6 30

1. Commercial produkt name and supplier

Commercial product name: Gips-Sep, Stone and gypsum insulating material

Producer:
dentona AG
Kortental 69
44149 Dortmund
Tel: +49 (0) 231 555 6 0
Fax: +49 (0) 231 555 6 30

Informations: 0049 (0) 800 336 86 62
TOX emergency number: Landesberatungsstelle für Vergiftungserscheinungen und Embryonal-Toxikologie Pulsstraße 3-7, D-14059 Berlin
Tel.: 0049 (0)30 19240 Fax: 0049 (0)30 32680721

2. Composition

Chemical characterisation: Polyacrylates in solvents

Hazardous components:

	CAS-Nr.	%	EINECS-Nr.
Isopropyl alcohol	67-63-0	40-60	200-661-7
Petroleum naptha	64742-49-0	20-50	

3. Hazard identification

highly flammable (F)

4. First aid measures

Eye contact: Flush eyes with plenty of water (10-15min). Call a physician.
Skin contact: Wash with soap and water. If irritation occurs, consult a physician.
Ingestion: After Ingestion call a physician immediatelly and show packaging or label.
Inhalation: Take into fresh air. If you feel unwell, seek medical advise (show this data sheet).
Further information: none

5. Fire-fighting measures

Suitable extinguishing media: Foam, powder, carbon dioxid, water fog
extinguishing media to avoid: Do not use direct water stream
further information: Violent eruption of containers may occuer under fire conditions.

6. Accidental release measures

Keep away from sources of ignition. Keep safety goggles and impervious gloves. No smoking.
Do not allow to flow off into the drains. Limit leakage and keep away

from ignition sources.
Dispose of according to local and national regulation.

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7. Handling and storage

<u>Handling:</u>	Only adequately trained personnel should handle this product. Keep out of reach of children.
<u>Industrial hygiene:</u>	Usual hygienic measures are necessary. When using, do not drink, eat or smoke.
<u>Storage:</u>	Do not expose to direct sunshine. Store in cool, dry well ventilated area away from sources of ignition and heat. No smoking.
<u>Place of storage:</u>	Store in a cool, dry place.

8. Exposure controls / personal protection

<u>Technical equipment:</u>	Provide adequate local ventilation. Control airborne concentration below the exposure guideline.
<u>MAK:</u>	200 ppm
<u>Respiratory protection:</u>	Aerosols: Do not breathe vapour or spray. In poorly ventilated areas, use air-purifying respiratory protection apparatus (type A).
<u>Hand protection:</u>	Gloves, resistant to organic solvents
<u>Eye protection:</u>	Safety goggles.
<u>Other:</u>	Eye wash fountain should be located in work area.

9. Physical and chemical properties

<u>Appearance:</u>	varnish, lacquer
<u>Colour:</u>	colourless, bright yellow
<u>Odour:</u>	organic solvents, orange
<u>Boiling point:</u>	83°C
<u>Ignition temperature:</u>	370°C
<u>Flashpoint:</u>	7,3°C
<u>Explosion limits:</u>	upper: 1,2%, lower: 11,5%
<u>Vapour pressure:</u>	not determined
<u>Density:</u>	0,8 g/cm ³ at 20°C
<u>Solubility in water:</u>	practically not
<u>pH-Value:</u>	not applicable

10. Stability and reactivity

<u>Thermal decomposition:</u>	Conditions to avoid see 7.
<u>Hazardous decomposition:</u>	Strong oxidizing agents. Do not store or handle in aluminium equipment at temperatures above 50°C.
<u>Hazardous reactions:</u>	None under normal conditions of storage and use.
<u>Further informations:</u>	Flammable product. Avoid ignition sources such as flames or spark producing equipment.

11. Toxicological information

<u>Acute toxicity:</u>	Do not breathe vapour. Signs and symptoms of excessive exposure may be narcotic effects.
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Effects and hazards of eye contact:	Moderately irritation to the eyes
Effects and hazards of skin contact:	Mildly irritation to the skin
Effects and hazards of Inhalation:	May cause mild irritation of the respiratory tract.
Effects and hazards of Ingestion:	May cause nausea

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11. Toxicological information

<u>Subacute/chronic toxicity:</u>	not known
<u>Further information:</u>	Excessive exposure may cause eye and respiratory irritation.

12. Egological information

German „Wassergefährdungsklasse“ WGK 1

13. Disposal considerations

Take to a special waste incineration plant, in line with local Regulations.

14. Transport information

Transport at land (GGVS/GGVE)

GGVS/E Class:	3 flammable liquids
Cipher:	3 B
Kemler-Zahl:	33
UN-No:	1219
Overland statement:	Fl

Transport at sea (IMDG/GGVSee):

IMDG/GGVSee-Class:	3.2
IMDG-Code page:	3244
UN-Nr:	1219
EMS-Nummer:	3-06
MFAG:	305
Sea transport statement:	Isopropyl alcohol

Air transport (ICAO-TI and IATA-DGR):

ICAO/IATA-Class:	3
UN/ID-No:	1219
Packing group:	II
Labels:	Isopropyl alcohol

15. Regulatory information

This product requires classification according to the criteria of the EC and the „Gefahrstoffverordnung“

<u>Hazard designation:</u>	F
<u>Risk phrases:</u>	R 11 Highly Flammable R 22 R 18
<u>Safety phrases:</u>	S 7 Keep container tightly close S 16 Keep away from sources of ignition – No smoking
<u>VbF:</u>	A I

16. Other information

Only use for dental technicians
Keep out of the reach of children.
During shipment, storage, installation and use, this material
should not be exposed to flame or ignition sources.