

Safety Data Sheet
according to 91/155/EEC

MSDS-1215
REV: N/C
7-10-01

Date of issue 18.02.2000

supersedes version of:

30.11.1998

1. Product identification/preparation/company undertaking	
Product details:	See Page 5 for Distributor information
Trade name:	LC-MICROHYBRID
Manufacturer/supplier:	S&C Polymer GmbH, D-25335 Elmshorn
Emergency information:	Dr. Jürgen Engelbrecht ++49 4121 8619
2. Composition/Information of Ingredients	
Chemical characterization:	mixture of poly- and difunctional methacrylates, barium glass filler, fumed silica, photoinitiator, accelerator, stabilizer
Description:	
Hazardous components:	
<u>CAS-Nr.:</u>	<u>Name</u> <u>%</u> <u>R-classification</u>
3. Hazards identification	
Risk identification:	
Special risks for human beings and environment:	
Classification:	classification corresponds to actual EEC guidelines
4. First-aid measures	
General information:	
after skin contact:	wash with plenty of water and soap
after eye contact:	rinse with plenty of water and consult a physician
after swallowing:	seek medical advice immediately
5. Fire fighting measures	
Extinguishing media:	CO ₂ , water
Protective equipment:	

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6. Accidental release measures

Personal precautions:

Environmental precautions:

Methods for cleaning up:

wipe out with absorbent material

Additional information:

7. Handling and storage

Handling:

Handling procedures:

Recommendation for fire and

explosion protection:

storage:

store at dry place, at room temperature, store
away from food stuffs

Requirements at storerooms and
containers:

Requirements for storage with other
products:

Additional storage conditions:

Storage classification:

VBF-classification:

8. Exposure controls/personal protection

Additional information for technical
plants:

Components with limits of values to be supervised at the workplace:

CAS-Nr.	Name	%	art	value	unit
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The product contains no relevant quantities of components with limits of values to be supervised at the workplace.

additional information:

Personal protective equipment:

not necessary

General measures of protection and
hygiene:

normal hygienic measures

respiration:

hands:

eyes:

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9. Physical and chemical properties

Appearance			
Form:	paste, white yellowish		
Colour:	tooth coloured		
Odour:	odourless		
	Value	Unit	Method

Information on change in the physical state

Melting point/melting range:

n.a.

Boiling point/boiling range:

n.a.

Flash point:

n.d.

Autoignition temperature:

none

Danger of explosion:

Density:

1.78

g/cm³

Vapour pressure:

non volatile

Viscosity:

paste

pH:

neutral

Solubility in/miscibility with:

slightly in toluene, silicone oil

Water:

insoluble

Content of solvents:

none

Organic solvents:

-

Water:

-

Content of solids:

n.a.

10. Stability and reactivity

unstable, avoid heat, direct sunlight

Incompatibility with other substances:

peroxides, metal powders, strong oxidizers, free radical initiators

Hazardous decomposition products:

not known

11. Toxicological information

allergic reaction to methacrylate by chronic exposure to product are possible

Acute toxicity:

Primary irritation:

skin:

contact: X; skin absorption: n.d.

eye:

irritating

inhalation:

non volatile

ingestion:

possible toxic when swallowed

Sensitization of product:

not observed

additional toxicological information:

During the long period of use as filling material no health diseases are reported.

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12. Ecological information

General information: no data known
Classification of water endangerment:

13. Disposal consideration

Product:
Recommendation: use proper landfill disposal or incineration in accordance with local, state and federal regulations

Disposal key number:
Uncleaned packaging:
Recommendation:

14. Transport information

RID/ADR:

15. Regulatory information

Classification according to EEC-guidelines: no classification necessary to actual EEC guidelines

National Prescriptions:
Classification according to VbF: n.a.

16. Other information:

the above information is based on our present day knowledge and relates solely to the safety requirements of the product. The data do not signify any warranty with regards to products properties. However users of the product should satisfy themselves that the information given is sufficient and correct for their specific circumstances of use.

Preparation by: Dr. Jürgen Engelbrecht Tel.: ++49 4121 8619

17. Distributor Information

Distributed By: Vident
3150 E. Birch St.
Brea, CA 92821

Phone: (714) 961-6200
Fax: (714) 961-6299

18. Product Identification/Vident Part Numbers

**Vident Product
Name:** 3D Direct

Vident Part Numbers:	CX88-5732	CX88-5350
	CX88-5332	CX88-5355
	CX88-5334	CX88-5372
	CX88-5336	CX88-5373
	CX88-5339	CX88-5122
	CX88-5341	CX88-5384
	CX88-5343	CX88-5762
	CX88-5346	CX88-5742
	CX88-5348	