

Safety Data Sheet

according to 91/155/EEC

1. Product identification/preparation/company undertaking		
Trade name:	REFORM (AUTOMIX 4:1)	
Manufacturer/supplier:	S&C Polymer GmbH, D-25335 Elmshorn	
Emergency information:	Dr. Jürgen Engelbrecht ++49 4121 483-0	
2. <u>Composition/Information of Ingredients</u>		
Chemical characterization:	Mixture of polyfunctional acrylates and methacrylates, unsaturated esters and malonyl urea derivatives.	
Description:		
Hazardous components:	None	
<u>CAS-Nr.:</u>	<u>Name</u>	<u>R-classification</u>
3. <u>Hazards identification</u>		
Risk identification:		
Special risks for human beings and environment:		
Classification:	Classification corresponds to actual EEC guidelines, however completed with details from technical literature and company data.	
4. <u>First-aid measures</u>		
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. <u>Fire fighting measures</u>		
Extinguishing media:	CO ₂ , water.	
Protective equipment:		

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6. <u>Accidental release measures</u>	
Personal precautions:	
Environmental precautions:	
Methods for cleaning up:	Wipe out with absorbent material.
Additional information:	
7. <u>Handling and storage</u>	
Handling:	
Handling procedures:	None if proper stored or used.
Recommendation for fire and explosion protection:	
storage:	Dry place, room temperature, store away from food stuffs.
Requirements at storerooms and containers:	
Requirements for storage with other products:	Store away from food stuffs.
Additional storage conditions:	
Storage classification:	
VBF-classification:	
8. <u>Exposure controls/personal protection</u>	
Additional information for technical plants:	
Components with limits of values to be supervised at the workplace:	
<u>CAS-Nr.</u>	<u>Name</u> <u>%</u> <u>art</u> <u>value</u> <u>unit</u>
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:	not necessary.
hands:	wear gloves.
eyes:	not necessary.

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9. Physical and chemical properties

Appearance

Form:	Paste, white yellowish.		
Colour:	Different (tooth coloured).		
Odour:	Nearly odourless.		
	<u>Value</u>	<u>Unit</u>	<u>Method</u>

Information on change in the physical state

Melting point/melting range:	N.a.		
Boiling point/boiling range:	N.a.		
Flash point:	Not determined.		
Autoignition temperature:	Not determined.		
Danger of explosion:	None		
Density:	1.52 (20°C)	g/cm ³	
Vapour pressure:	Negligible.		
Viscosity:	Pasteous.		
pH:	Neutral.		
Solubility in/miscibility with:	Slightly soluble in toluene, organic solvents.		
Water:	Nearly 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

Acute toxicity:	
Primary irritation:	
skin:	Non toxic, no absorption.
eye:	Irritating.
inhalation:	Non volatile.
ingestion:	Possible toxic when swallowed.
Sensitization of product:	Not observed.
Additional toxicological information:	Allergic reaction to methacrylate by chronic exposure to product are possible. During the long period of use as temporary crown and bridge material no health diseases are reported.

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12. <u>Ecological information</u>	
General information:	No data known.
Classification of water endangerment (self estimation):	WGK = 0 (generally nonpolluting substance).
13. <u>Disposal consideration</u>	
Product:	
Recommendation:	Use proper landfill disposal or incineration in accordance with local, state and federal regulations.
Disposal key number:	
Uncleaned packaging:	
Recommendation:	
14. <u>Transport information</u>	
Land transport ADR/RID and GGVS/GGVE (Germany)	Not classified as dangerous goods.
Sea transport IMDG	Not classified as dangerous goods.
Air transport ICAO-TI and IATA-DGR	Not classified as dangerous goods.
15. <u>Regulatory information</u>	
Classification according to EEC-guidelines:	No classification necessary to actual EEC guidelines.
National Prescriptions:	
Classification according to VbF:	N.a.
16. <u>Other information:</u>	
Preparation by:	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. Dr. Jürgen Engelbrecht, Tel.: ++49/4121/483-0