

## Material Safety Data Sheet

<b>1. Product identification/preparation/company undertaking</b>		
<b>Product details</b>		
<b>Trade name:</b>	<b>SOFT RELINE PRIMER</b>	
<b>Manufacturer/supplier:</b>	St. George Technology, Inc. P.O. Box 2849 Wilmington NC 28405	
<b>Emergency information:</b>	INFOTRAC 1-800-535-5053	
<b>2. <u>Composition/Information of Ingredients</u></b>		
<b>Chemical characterization:</b>	Solution of polyacrylate in dichloromethane	
<b>Description:</b>		
<b>Hazardous components:</b>		
<b>CAS-Nr.:</b>	<b>Name</b>	<b>R-classification</b>
[75-09-2]	dichloromethane	X <sub>n</sub> ; R 40
<b>3. <u>Hazards identification</u></b>		
<b>Risk identification:</b>	X <sub>n</sub> ; R 40	
<b>Special risks for human beings and environment:</b>	Harmful	
<b>Classification:</b>	Limited evidence of a carcinogenic effect. classification corresponds to actual EEC guidelines	
<b>4. <u>First-aid measures</u></b>		
<b>General information:</b>		
<b>after inhalation</b>	fresh air.	
<b>after skin contact:</b>	wash with plenty of water. Remove contaminated clothes.	
<b>after eye contact:</b>	rinse with plenty of water with the eyelid held wide open and consult an eye specialist.	
<b>after swallowing:</b>	Caution if victim vomits. Risk of aspiration. Keep airways free. Drink plenty of water, but no milk, castor oil or alcohol.	
<b>5. <u>Fire fighting measures</u></b>		
<b>Extinguishing media:</b>		
CO <sub>2</sub> , foam, powder. Practically non combustible. Development of hazardous combustion gases or vapours possible in the event of fire.		
<b>Protective equipment:</b>		
Do not stay in dangerous zone without suitable chemical protection clothing and self-containing breathing apparatus.		

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<b>6. <u>Accidental release measures</u></b>	
<b>Personal precautions:</b>	Do not inhale vapours/aerosols. Ensure supply of fresh air in enclosed rooms
<b>Environmental precautions:</b>	observe local bye laws
<b>Methods for cleaning up:</b>	wipe out with absorbent material. Forward of disposal.
<b>Additional information:</b>	
<b>7. <u>Handling and storage</u></b>	
<b>Handling:</b>	the product should only be supplied or handled to dentists or dental technicians or upon their instructions
<b>Handling procedures:</b>	no procedures, if correctly handled
<b>Recommendation for fire and explosion protection:</b>	
<b>storage:</b>	Tightly closed. Protected from light. store in well ventilated place at 15 °C to 25 °C).
<b>Requirements at storerooms and containers:</b>	
<b>Requirements for storage with other products:</b>	keep away from food stuffs
<b>Additional storage conditions:</b>	
<b>Storage classification:</b>	
<b>8. <u>Exposure controls/personal protection</u></b>	
<b>Additional information for technical plants:</b>	
<b>Components with limits of values to be supervised at the workplace:</b>	
<u>CAS-no.</u>	<u>name</u>
[75-09-2]	Dichloromethane
<u>art</u>	<u>value</u>
TRGS900	100
	or 350
<u>unit</u>	<u>unit</u>
	ml/m <sup>3</sup>
	mg/m <sup>3</sup>
<b>Additional information:</b>	
<b>Personal protective equipment:</b>	
<b>General measures of protection and hygiene:</b>	do not eat, drink or smoke during handling; avoid contact with eyes or skin
<b>respiration:</b>	required when vapours/aerosols are generated, Filter AX (EN371)
<b>hands:</b>	wear gloves (glove material: viton)
<b>eyes:</b>	Goggles required

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<b>9. <u>Physical and chemical properties</u></b>			
<b>Appearance</b>			
<b>Form:</b>	liquid		
<b>Colour:</b>	slightly yellow		
<b>Odour:</b>	sweetish		
	<u>Value</u>	<u>Unit</u>	<u>Method</u>
<b>Information on change in the physical state</b>			
<b>Melting point/melting range:</b>	ca. -95	°C	
<b>Boiling point/boiling range:</b>	ca. 40	°C	
<b>Flash point:</b>	n.a.		
<b>Autoignation temperature:</b>	605	°C	
<b>Danger of explosion:</b>	lower limit of explosion	13 %	
	upper limit of explosion	22 %	
<b>Density:</b>	ca. 1.30 (20°C) g/cm <sup>3</sup>		
<b>Vapour pressure:</b>	ca. 475	mbar	
<b>Viscosity:</b>	slightly viscous.		
<b>pH:</b>	neutral		
<b>Solubility in/miscibility with:</b>	soluble in toluene, slightly in petrol ether		
<b>Water:</b>	insoluble		
<b>Content of solvents:</b>			
<b>Organic solvents:</b>	dichloromethane		
<b>Water:</b>	none		
<b>Content of solids:</b>	none		
<b>10. <u>Stability and reactivity</u></b>			
<b>Incompatibility with other substances:</b>	avoid heat The product is stable by proper use. >120 °C thermal decomposition occurs. Avoid contact with alkali metals alkaline earth metals, metals in powder form		
<b>Hazardous discomposition products:</b>	In case of fire: phosgene, hydrochloric acid		
<b>11. <u>Toxicological information</u></b>			
<b>Acute toxicity:</b>	small effects of toxicity		
<b>Primary irritation:</b>			
<b>skin:</b>	irritating (X), degreasing effects of the skin; possibly followed by secondary inflammation.		
<b>eye:</b>	severe irritating. Risk of corneal clouding		
<b>inhalation:</b>	mucosal irritations; inebriation, narcosis, unconsciousness		
<b>ingestion:</b>	nausea and vomiting		
<b>Sensitization of product:</b>	not observed		
<b>Additional toxikological information:</b>	During the long period of use as primer for relining materials no health deseases are reported. Under proper conditions and consideration of the normal hygienic measures it can be handled without risks for health. But it may react irritating on eyes or skin or may cause allergic reactions.		

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<b>12. <u>Ecological information</u></b>	
<b>General information:</b>	no data known. Do not allow to come in the environment or canalisation
<b>Classification of water endangerment:</b>	WGK = 2
<b>13. <u>Disposal consideration</u></b>	
<b>Product:</b>	
<b>Recommendation:</b>	use proper landfill disposal or incineration in accordance with local, state and federal regulations
<b>Disposal key number:</b>	
<b>Uncleaned packaging:</b>	
<b>Recommendation:</b>	
<b>14. <u>Transport information</u></b>	
<b>CFR 49 Regulations</b>	UN 1593 DICHLORMETHAN, 6.1, III
	UN 1593 DICHLOROMETHANE, 6.1, III EmS: F-A S-A
	UN 1593 DICHLOROMETHANE, 6.1, III
<b>15. <u>Regulatory information</u></b>	
<b>Classification according to EEC-guidelines:</b>	Xn      Harmful R 40      Limited evidence of a carcinogenic effect S 23      Do not breath vapours S 24/25      Avoid contact with skin and eyes S 36/37      Wear suitable protective clothing and gloves
<b>National Prescriptions:</b>	
<b>Classification according to VbF:</b>	n.a.
<b>16. <u>Other information:</u></b>	
<b>Preparation by:</b>	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. Stephen Bradshaw (910) 397-0781
	January 2011