## EC Safety Data Sheet

Date of issue / Reference Replaces version of Date of printing Decosilk Art transparent

29.11.01 PH 05.05.98 19.11.2002 Sheet no. **39825** 



## Company

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## 1 Commercial product name and supplier

•		a a b b i i o i
1.1	Commercial product name / designation	Decosilk Art transparent particle sizes: 10; 20; 30; 45; 60; 90
1.1.1	Synonym	colourless Polymethylmethacrylate
1.1.2	Molecular formula	$(C_5H_8O_2)_x$
1.2	Application / use	Additive for paints and coatings
1.3	Producer	MICROCHEM, CH-8703 Erlenbach
1.4	Supplier	MICROCHEM, CH-8703 Erlenbach
1.5	TOX emergency number	01 / 251 51 51 (Toxicological Information Centre, Zurich, CH)
1.6	BAG T Nr. / EDV-No.	614100
1.7	CAS No.	9011-14-7
2	Composition	
2.1	Chemical characterisation	100 % Polymethylmethacrylate
2.2	Hazardous components	Does not contain any dangerous substances according to the criteria of the EC (Council Directive 88/379/EEC).
2.3	Further information	
3	Hazards identification	danger of dust explosion
4	First aid measures	
4.1	Eye contact	Flush copiously with water for at least 15 minutes whilst keeping the eyes wide open.
4.2	Skin contact	Wash well with plenty of water and soap.
4.3	Ingestion	Consult a physician who will decide on need and method of emptying the stomach.
4.4	Inhalation	Take into fresh air.
4.5	Further information	
4.6	Data sheet no. from the SFV file	-
5	Fire-fighting measures	
51	Suitable extinguishing media	Water spray, foam

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5.3	Personal protecive equipment	Wear self-contained breathing apparatus.		
5.4	Further information	Keep containers cool by spraying with water. Potential hazard of dust explosion.		
6	Accidental release measures	Minimise dust generation while collecting the s	pill.	
7	Handling and storage			
7.1	Handling	Avoid dust formation. No other special precaut	ions required.	
7.2	Industrial hygiene	Keep normal hygienic steps.		
7.3	Storage	Keep containers tightly closed.		
7.4	Place of storage	Store in a dry place		
7.5	Fire- and explosion protection	Keep away from ignition sources. (risk of dust	explosion)	
8	Exposure controls / personal protection			
8.1	Technical measures			
8.2	Control of threshold limits			
8.3	Personal protective equipment			
8.3.1	Respiratory protection	dust mask		
8.3.2	Hand protection	protective gloves.		
8.3.3	Eye protection	Safety glasses.		
8.3.4	Other			
9	Physical and chemical properties		Test method:	
9.1	Appearance	solid		
9.2	Color	colourless		
9.3	Odour	almost odourless		
9.4	Change of physical state			
9.5	Density bulk density	1.17 g/cm³ (20°C) 550 - 700 kg/m³	DIN 53194	
9.6	Vapour pressure	n.a.		
9.7	Viscosity	n.a.		
9.8	Solubility in water	insoluble (20 °C)		
9.9	рН	6.5 - 7.5 (as concentation 100 g/l $H_2O$ at 20 °C)		
9.10	Flash point	not known		
9.11	Ignition temperature	350 °C	BAM	

Biodegradability n.a. Indication of danger The product is insoluble. Removal from waste by filtration or sedimentation.	MicRock Page 3 of	
9.13       Further information         10       Stability and reactivity         10.1       Thermal decomposition products         10.2       Hazardous decomposition products         10.3       Hazardous reactions Explosion class         10.4       Further information         11.1       Toxicological information         11.1       Acute toxicity Initiation / Cauterization         11.2       Subacute / chronic toxicity         11.3       Further information         11.2       Subacute / chronic toxicity         11.3       Further information         11.2       Subacute / chronic toxicity         11.3       Further information         12       Ecological information         13       Disposal considerations         13.1       EC waste key         13.1       EC waste key         13.2       Swiss waste code         13.3       Origin         14       Transport information         14.1       Transport at land: Warning label Packing group Overland statement         14.2       Transport at sea: UN-No.         14.2       Transport at sea: UN-No.		
10       Stability and reactivity         10.1       Thermal decomposition products       > 220 °C         10.2       Hazardous decomposition products       None under normal conditions products         10.3       Hazardous reactions Explosion class       None         10.4       Further information       ST2 (danger of dust explosion)         10.4       Further information       Information         11.1       Toxicological information       Eyes, respiratory tract         11.2       Subacute / chronic toxicity       Eyes, respiratory tract         11.3       Further information       Category of water hazard CH - Toxicity to daphnia Toxicity to fish Not toxic against "G Biodegradability n.a. Indication of danger         12       Ecological information       Category of water hazard CH - Toxicity to daphnia Toxicity to fish Not toxic against "G Biodegradability n.a. Indication of danger         13       Disposal considerations       Inscode depends on the industrial application and must therefore be determined by the use be pleased to assist our customers in respective field to a sist our customers in respective addition of addit		
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EMS MFAG Sea transport statement		

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14.3	Air transport: ICAO / IATA-DGR UN-No. PSN Subsidiary risk Labels Packing group Passenger aircraft Cargo aircraft only	Packing Instruction max. Packing Instruction max.		
14.4	Further information	Product is not classified for any mode of tr	ansportation.	
15	Regulatory information	This product does not require classification according to the criteria of the EC and the 'Gefahrstoffverordnung'.		
15.1	UN-No.			
15.2	Swiss toxicity class	free		
15.3	EC-No.			
15.4	EINECS-No.	n.kl.		
15.5	Hazard symbols			
15.6	Hazard designation	-		
15.7	Risk phrases	R: -		
15.8	Safety phrases	S: -		
15.9	MAK value	6 mg/m³ dust		
15.10	CEA classification	F4 s PN4		
15.11	VbF (D)			
15.12	Further information			
16	Other information	The product is registed in the following lists: T	SCA, DSL	
		Abbreviations: n.a. = not applicable; n.d. = n.cl. = not classified.	not determined;	

The above mentioned data correspond to our present state of knowledge and experience. The safety data sheet serves as description of the products in regard to necessary safety measures. The indications do not imply any guarantee of a property.

Alle vorstehenden Angaben entsprechen dem heutigen Stand unserer Kenntnisse und Erfahrungen. Das Sicherheitsdatenblatt dient der Beschreibung der Produkte im Hinblick auf Sicherheitserfordernisse. Diese Angaben stellen keine Zusicherungen von Eigenschaften dar.

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