

Material Safety Data Sheet

According to EC directive 2001/58/EC

Product name:	Aka-Crylic, Powder	Page:	1/5
Last revised date:	28-01-2008	Print date:	28-01-2008
Art.-no.:	8700-8750	Template:	1.0

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

Product name:	Aka-Crylic, powder		
Application:	Embedding	Container size:	1 Kg 10 Kg
Supplier:	AKASEL ApS Vanløse Sand 2 DK-4370 St. Merløse Tel +45 57 84 05 01 Fax +45 57 84 06 01		

2. COMPOSITION/INFORMATION ON INGREDIENTS

The product contains: Mix of quartz powder and Dibenzoyl peroxide catalyst

Chemical name:	CAS-No.:	%:	Hazard classification:	Notes:
Quartz	014808-60-7	<99	-	-
Dibenzoyl peroxide	94-36-0	<3	E, Xi	-

3. HAZARDS IDENTIFICATION

The product contains quartz powder. Long term exposure to fine powders may cause Silicosis. Irritation of skin also possible.

Potential Health Effects:

Inhalation:

Short term effects: No information available on significant adverse effects.

Long term effects: May cause coughing, weight loss, bloody spit, difficulty breathing, weakness, bluish skin color, lung damage and heart disorders.

Skin contact:

Short term effects: May cause irritation.

Long term effects: No information is available.

Eye contact:

Short term effects: May cause irritation.

Long term effects: May cause lung damage

Ingestion:

Short term effects: No information available on significant adverse effects.

Long term effects: No information is available.

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4. FIRST-AID MEASURES

Inhalation:	Move into fresh air and keep at rest
Skin contact:	Remove contaminated clothes and rinse skin thoroughly with water and soap.
Eye contact:	Immediately flush with plenty of water for at least 15 minutes. Remove any contact lenses and open eyelids widely. If irritation persists: Continue flushing during transport to hospital. Bring along these instructions.
Ingestion:	Immediately rinse mouth and drink plenty of water. If uncomfortable: Seek hospital and bring along these instructions

5. FIRE-FIGHTING MEASURES

Extinguishing media:	Extinguish with foam, carbon dioxide, dry powder or water fog. Cool containers exposed to heat with water spray and remove container if no risk is involved.
Protective equipment	Use air-supplied respirator during fire fighting

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:	Avoid inhalation of dust.
Environmental precautions:	Do not discharge into drains, water courses or onto the ground.
Methods for cleaning up:	Clean up avoiding dust formation.

7. HANDLING AND STORAGE

Safe handling advice:	Observe good industrial hygiene practices.
Technical precautions:	Local exhaust is recommended

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering measures:	Engineering controls should be used whenever feasible to maintain concentrations below acceptable exposure limits, including but not limited to enclosures, local ventilation, and dilution ventilation. Ensure eyewash station is available
Respiratory equipment:	In case of inadequate ventilation and work of brief duration, use suitable

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respiratory equipment Use respiratory equipment Dust Mask P2
Hand protection: Wear protective gloves. Risk of contact: Nitrile gloves are recommended.
Eye protection: Risk of contact: Wear goggles/face shield
Skin protection: Wear protective clothing

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	White powder
Odour:	none
pH:	Not relevant
Boiling point:	na
Flash point:	na
Flammable limits:	na
Relative density:	2.65 (Air = 1.0)
Solubility:	None

10. STABILITY AND REACTIVITY

Stability:	Product is stable.
Conditions/ materials to avoid:	Avoid Temperatures above 60°C to maintain product features.
Hazardous decomposition products:	Not expected to decompose under normal conditions.

11. TOXICOLOGICAL INFORMATION

Inhalation:	LC50 22.4 mg/l (Rat)
Skin contact:	Irritation possible.
Eye contact:	Irritation.
Ingestion:	LD 50 >5000 mg/Kg
Specific effects:	
Carcinogenicity:	Product has caused cancer in animal experiments.

12. ECOLOGICAL INFORMATION

Fisch: LC 50 Guppy (Poecillia reticulata) 96 h 2 mg/l
NOEC Guppy (Poecillia reticulata) 96 h 0.7 mg/l
Daphnia LC 50 Daphnia magna 48 h 3.7 mg/l
Data is from Dibenzoyl peroxide as quartz is an inert agent.

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13. DISPOSAL CONSIDERATIONS

Dispose of waste and residues according to agreement with local authorities.

Waste from residues: EWC-code: 20 01 13

Contaminated Dispose of contaminated packings as residue.

14. TRANSPORT INFORMATION

Not classified dangerous goods

15. REGULATORY INFORMATION

Labelling:



Xi Irritant

R 36/37/38

R 43

16. OTHER INFORMATION

The user must be instructed in the proper work procedure and be familiar with the contents of these instructions.