

Safety Data Sheet Number: 4300

Corresponding:

Edition: 17.02.04



### 1. Identification of the Preparation and Company

Product Name:	AVKOTE Aqua Stone
Intended Use:	Protective coating
Supplier:	AVKO Ltd, Hamble Court Business Park, Hamble Lane, Hamble, SO31 4QJ, Tel: 023 80455855, Fax: 023 80456785
Emergency Telephone:	Normal Opening Hours : Environmental Protection Department All Other Times : Fire Brigade

### 2. Composition & Information of Ingredients

Substances presenting a health hazard within the meaning of the Chemicals (Hazard information and Packing 67/548/EWG)				
CAS Number	Identification (EC)	Concentrate Range %	Symbol / Letter	R-phrases (*)
8002-74-2	Wax	-	-	-
(*) for full text see section 15				

### 3. Hazards Identification

Designation Risks:	N/a
Designation Special Risks Human/ Environment:	R10 flammable
Water pollution class:	Switzerland 1 / Germany 0
Classification:	The classification is according to the latest editions of the EU lists, and confirmed by company and literature data.

### 4. First Aid Measures

General:	In the event (or danger) of unconsciousness bring the patient into fresh air, lie on his side and apply artificial respiration as necessary,
Inhalation:	Supply fresh air or oxygen, if symptoms persist call for a doctor
Skin Contact:	In general this product is not a skin irritant
Eye Contact:	Rinse opened eye for 15 minutes under running water, consult a doctor if irritation continues
Ingestion:	Was out the mouth, do not induce vomiting (danger of choking), consult a doctor if symptoms continue

### 5. Fire Fighting Measures

Recommended:	C02, sand, extinguishing powder, foam
Not To Be Used:	Water Jet
Special Risks:	Produces carbon monoxide and smoke
Protective Equipment:	Use appropriate protective clothing and closed circuit breathing apparatus
Other Information:	Cool containers with water spray, prevent fire-fighting water from entering ground or canalisation

### 6. Accidental Release Measures

Personal Protection:	Ensure sufficient ventilation, do not breathe in vapour, or wear facemask. Avoid contact with eyes and skin, wear suitable protective gloves and close fitting protective goggles
Environmental Protection:	So not allow to enter sewers / surface ground water, seal leaks while taking regards for personal protection, take not of local government regulations
Purification (pick up) Process:	Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust) and dispose of according to local regulations, clean up affected area, do not wash away with water jet.
Fire prevention:	Remove sources of ignition, do not smoke, prevent electrostatic charging, prevent from entering cellars and canalisation die to danger of explosion. The vapours are heavier than air and spread across flooring and can catch fire over a large are.

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## 7. Handling and Storage

Handling	No special measures necessary
Safety Handling:	Use only in well ventilated areas, do not smoke, prevent electrostatic charges, take note of emission threshold.
Fire & Explosion:	Protect against electrostatic charges
Storage	
Storerooms/Containers:	Cool and dry, suitable containers: PA, PE-HD, PET, PTFE. Unsuitable - ABS, PS, PC, PUR, PVC and others.
Other Storage:	Containers to be well spaced

## 8. Exposure Controls & Personal Protection

Technical systems:	none
Components:	Maximum concentration 2 a mg/m <sup>3</sup>
Personal Protection	The usual precautionary measures are to be adhered to when handling chemicals, do not smoke, drink or eat
Respiratory:	Use in well ventilated areas, protective mask is necessary when the vapour concentration exceeds the allowed level
Hands:	Avoid long or repeated skin contact, use protective cream or gloves which prevent penetration of the chemicals
Eyes:	Wear close fitting glasses / goggles

## 9. Physical & Chemical Properties

Form:	Liquid		
Colour:	colourless		
Odour:	Mild - odourless		
	Value	Unit	Method
Boiling Point:	180 (1013 mbar)	°C	-
Flash Point:	50	°C	-
Ignition:	240	°	-
Self Igniting	This product is not self igniting		
Danger of explosion:	This product is not explosive, however the formation of explosive air / vapour mixtures is possible		
Explosion Limit:	Lower - 0,60	Upper - 7	% by volume (solvent)
Vapour pressure @20°C:	0.785	g/cm <sup>3</sup>	-
Density(20°C):	0.785	g/cm <sup>3</sup>	-
Water solubility @ 20°C:	0.04	gm/l	-
Organic solvent:	95.7	%	-
Viscosity:	12s (DIN 53211/4)	-	-
Sild content:	4.3	%	-

## 10. Stability & Reactivity

Thermal decomposition:	No decomposition if used according to specification
Chemicals:	Strong oxidants, acids and alkalis
Dangerous Decomposition:	By correct storage, no dangerous decomposition product known, in case of fir carbon monoxide and smoke
Dangerous reactions:	By correct use, none

## 11. Toxicological Information

The following toxicological values were obtained by means of tests with similar products, which with our current knowledge can be applied, there are no known mutagenous, cancerous or teratogenous effects.	
LD/Lc50 values:	Oral - 5000 mg/kg - rat / dermal - 3800 mg/kg - rat
Irritant on skin:	Non irritant, extended contact dries out the skin and promotes irritation and dermatitis
Irritant on the eye:	Non irritant
Sensitisation:	No known sensitisation effect

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### 12. Ecological Information

Biodegradable:	To a limited degree
General notes:	Do not allow large quantities to flow into water courses, creates a thin oil on the surface of water which is absorbed by surface material and will settle out as sediment, bioaccumulation is unlikely.
Environmental effect:	From current experience, no fish toxicity expected, by proper handling and use no environmental problems are to be expected.

### 13. Disposal Considerations

Recommendation	Disposal by incineration in a special waste disposal depot, dispose of small quantities of empty can with normal refuse, note the local disposal regulations, disposal must be made according to official / national regulations, empty the can before disposal and take regard of recycling systems.
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### 14. Transport Information

Only in accordance with the transport-prescriptions for road (ADR), rail (RID), sea (IMDG) and air (ICAO/IATA).				
Domestic Road:	ADR/RID Class	3	Item	31c
	Un Number:	1993	Danger code:	30
	Packing Group	flammable fluid NAG (non viscous, butyltitanate)		
Sea:	IMDG Class	3	Label:	3
	UN Number	1993	Packing group:	III
	EMS Number:	F-E, S-E	MFAG	310,313
	Proper Shipping Name	Flammable liquid, N O S (titanium tetrabutanolate)		
Air:	IATA/ICAO Class	3	UN Number	1993
	Label:	3	Packing group	III
	Proper shipping name:	Flammable liquid N O S (titanium tetrabutanolate)		

### 15. Prescriptions

Classification according to EC-principles	
Symbol Of Risk:	The product has been classified and marked in accordance with EU directives . ordinance on hazardous materials
Phrases R:	R10 - flammable
Phrases S:	S2 - not to come into the hands of children S46 - after swallowing see a doctor and show the can or label S51 - use only in well ventilated areas S46 - dispose of according to local regulation
Water:	Water hazard class 1(#): slightly hazardous to water, self assessment

### 16. Other Information

This information is based on our present knowledge, however this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship	
Issuing MSDS:	Environment protection department

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