Material Safety Data Sheet

Acrylic One Sealer

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY

Product name: Acrylic One Sealer

Supplier: Acrylic One
Nijverheidsweg 15 A
3251 LP Stellendam
++31-187-663006
info@acrylicone.com

2. COMPOSITION/INFORMATION ON INGREDIENTS

NO.	CAS REG No.	Weight (%)
1. Acrylic Polymer	Not hazardous	33.2 - 45.6
2. Individual residual monomers	Not required	<0.1
3. Aqua ammonia	1336 – 21 – 6	0.07 Max
4. Water	7732 – 18 – 5	54.4 – 66.8
5. Synthetic, amorphous silica	7631 – 86 – 9	1-2

Note: Water contains small quantities of surfactant agent, plasticizing agent and thickener.

EEG Risk Classification No.	Classification and Hazard Labelling
3. Aqua ammonia	C R: 34 – 37

See SECTION 15, Regulatory information.

This product is a preparation.

3. HAZARDS IDENTIFICATION

Primary Routes of Exposure: Inhalation, Skin contact and Eye contact.

Inhalation: Inhalation of vapour or mist can cause the following:
Headache, nausea, irritation of the nose, throat and lungs.

Skin contact: Prolonged or repeated skin contact can cause the following:
Slight skin irritation.

Eye Contact: Direct contact with material can cause the following:
Slight irritation..

4. FIRST AID MEASURES

Inhalation: Move subject to fresh air.
Skin Contact: Wash affected skin areas thoroughly with soap and water consult a physician if irritation persists.

Eye Contact: Flush eyes with a large amount of water for at least 15 minutes. Consult a doctor if irritation persists.

Ingestion: If swallowed, give 2 glasses of water to drink. Consult a doctor. Never give anything by mouth to an unconscious person.

5. FIRE-FIGHTING MEASURES

Flash Point:	Non-combustible
Auto-ignition Temperatures	Not applicable
Lower Explosive Limit	Not applicable
Upper Explosive Limit	Not applicable
Extinguishing Agents	Use extinguishing media appropriate for surrounding fire

Unusual Hazards: Material can splatter above 100 ºC. Dried product can burn.

Personal Protective Equipment: Wear self-contained breathing apparatus pressure-demand MSHAV NIOSH) apparatus or equivalent and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal Protection: Appropriate protective equipment must be worn. When handling a spill of this material. See SECTION 8, exposure Controls / Personal Protection for recommendations. If exposed to material during clean-up operations, see Section 4, First Aid Measures, for actions to follow.

Procedure: Keep spectators away. Floor may be slippery; use care to avoid falling. Contain spills immediately with inert materials (e.g. sand, earth). Transfer liquids and solid dyking material to separate suitable containers for recovery or disposal.

Caution: Keep spills and cleaning runoff out of municipal sewers and open bodies of water.

7. HANDLING AND STORAGE

Storage Conditions: Keep from freezing: material may coagulate. Minimum recommended storage temperature for this material is 1 ºC.

Maximum recommended storage temperature for this material is 49 ºC

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

No.	CAS REG NO	Weight (%)
1. Acrylic Polymer	Not hazardous	33.2 – 45.8
2. Individual residual monomers	Not required	<0.1
3. Aqua ammonia	1336 – 21 – 8	0.07 Max
4. Water	7732 – 18 – 5	54.4 – 66.8
5. Synthetic, amorphous silica	7631 – 86 – 9	1-2

Note: Water contains small quantities of surfactant agent, plasticizing agent and thickener.

NO.	UNITS	ACGIH TWA STEL	MAK (Germany) WERT KAT
1		None	None
2		a	a
3	ppm	25 b 35 b	20 b c
5			

a Not required
b As ammonia
c Maximum Limit: Category I

9. PHYSICAL AND CHEMICAL PROPERTIES

Vapour Density (Air = 1)	<1 Water
Vapour Pressure	2266.5 Pa @ 20ºC
Water	
Boiling Point	100ºC
Melting Point	0ºC
Solubility in Water	Dilutable
Present Volability	54.4 - 66.8 % Water
Evaporation Rate (Bac=1)	<1 Water

10. STABILITY AND REACTIVITY

Instability
This material is considered stable. However, avoid temperatures above 177 ºC, the onset of polymer decomposition. Thermal decomposition is dependent on time and temperature.

Hazardous Decomposition Products:
Thermal decomposition may yield acrylic monomers.

Hazardous Polymerisation:
Product will not under polymerisation.

Incompatibility:
There are no known materials which are incompatible with this product

11. TOXICOLOGICAL INFORMATION

No toxicity data is available for this material. The information shown in SECTION 3, Hazards Identification, is based on the toxicity profiles for a number of acrylic emulsions that are compositionally similar to this product. Typical data values are:

Oral LD50 – rat	>5000 mg/kg
Dermal LD50 – rabbit	>5000 mg/kg
Skin Irritation – rabbit:	Practically non-irritating
Eye Irritation – rabbit:	Inconsequential Irritation

12. ECOLOGICAL INFORMATION

No applicable Data

13. DISPOSAL CONSIDERATIONS

Procedure:
Coagulate the emulsion by the stepwise addition of ferric chloride and lime. Remove the clear supernatant and flush into chemical sewer. Incinerate liquid and contaminated solids in accordance with local, state and Federal regulations.

Waste key for the Product as Delivered (Germany)

573 03 Dispersion or Emulsions of plastic material

14. TRANSPORT INFORMATION

ADR Class	Not Regulated for Transport
IMO Class	NR
IATA Class	NR

15. REGULATORY INFORMATION

EEG
This product satisfies all the requirements of the European inventory of Existing Chemical Substances (EINECS)

EINICS information

No.	CAS REG NO.	EINECS
1. Acrylic Polymer	Not hazardous	
2. Individual residual monomers	Not required	
3. Aqua ammonia	1336 – 21 -6	2158476
4. Water	7732 – 18 -5	2317912
5. Synthetic, amorphous silica	7631 – 86 – 9	2315454

Indication of Danger
This product is not Hazardous according to EEC Directives 67/548/EEC en 33/379/EEC

16. OTHER INFORMATION

Abbreviations

ACGIH	American Conference of Governmental Industrial Hygienist
MAK	Maximum Workplace Concentration.
TLV	Threshold Limit Value
PEL	Permissible Exposure Limit
TWA	Time Weighted Average
STEL	Short-Term Exposure Limit
Bac	Butyl acetate