

Material Safety Data Sheet According to 91/155 EC

Trade name: Acryline Powder

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Version 2

1 Identification of substance:

- Product details:
- Trade name: Acryline powder
- Article number: 170.....
- Application of the substance / the preparation: self curing resin
- Manufacturer / Supplier:
anax dent GmbH Olgastrasse 120A D-70180 Stuttgart
Tel. 0049 711 620092.0 Fax 0049 711 620092.29
email: akopietz@anaxdent.com
- Further information obtainable from: Andreas Kopietz
- Information in case of emergency: 0049 711 6200920

2 Composition / Data on components:

Chemical characterization

- Description: Acryl-resin on base of polymethylmethacrylate
- Dangerous components: Void.
- Additional information For the wording of the listed risk phrases refer to section 16.

3 Hazard identification

- Hazard description:



Xi Irritant

- Information concerning to particular hazards to man and environment:
The product does not have to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.
R 43 May cause sensitisation by skin contact.
- Classification system
The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

4 First aid measures

- General information: No special measures required.
- After inhalation: Supply fresh air; consult doctor in case of complaints.
- After skin contact: Immediately wash with water and soap and rinse thoroughly. If skin irritation continues, consult a doctor.
- After eye contact: Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- After swallowing: If symptoms persist consult doctor.

5 Fire fighting measures

- Suitable extinguishing agents
Carbon dioxide, Fire-extinguishing powder, Foam, Water haze.
- For safety reasons unsuitable extinguishing agents: Water with full jet.

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<ul style="list-style-type: none">• Protective equipment: No special measures required.										
<p>6 Accidental release measures</p> <ul style="list-style-type: none">• Person-related safety precautions: Avoid eye and skin contact with the substance.• Measures for environmental protection: No special measures required.• Measures for cleaning/collecting: Pick up mechanically.• Additional information: No dangerous substances are released.										
<p>7 Handling and storage</p> <p>Handling</p> <ul style="list-style-type: none">• Information for safe handling: Prevent formation of dust. Provide suction extractors if dust is formed.• Information about fire - and explosion protection: No special measures required. <p>Storage</p> <ul style="list-style-type: none">• Requirements to be met by storerooms and receptacles: No special requirements.• Information about storage in one common storage facility: Store away from foodstuffs.• Further information about storage conditions: Store in dry conditions.										
<p>8 Exposure controls and personal protection gear</p> <ul style="list-style-type: none">• Additional information about design of technical facilities: No further data; see item 7.• Ingredients with limit values that require monitoring at the workplace: The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.• Additional information: The lists valid during the making were used as basis.• Personal protective equipment• General protective and hygienic measures: Do not inhale dust / smoke / mist.• Respiratory protection: Not necessary if room is well-ventilated.• Protection of hands: Protective gloves.• Material of gloves Butyl rubber, BR• Penetration time of glove material: The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.• Eye protection: Safety glasses										
<p>9 Physical and chemical properties:</p> <ul style="list-style-type: none">• General information <table><tr><td>Form:</td><td>Powder</td></tr><tr><td>Colour:</td><td>According to product specification</td></tr><tr><td>Odour:</td><td>Nearly odourless</td></tr></table> <ul style="list-style-type: none">• Change in condition <table><tr><td>Melting point / Melting range:</td><td>110°C</td></tr><tr><td>Boiling point / Boiling range:</td><td>undetermined</td></tr></table> <ul style="list-style-type: none">• Flash point: 251°C• Flammability (solid, gaseous): Product is not flammable.	Form:	Powder	Colour:	According to product specification	Odour:	Nearly odourless	Melting point / Melting range:	110°C	Boiling point / Boiling range:	undetermined
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<ul style="list-style-type: none">• Ignition temperature: ▶400°C• Danger of explosion: Product does not present an explosion hazard.• Explosion limits:<ul style="list-style-type: none">Lower: Not determinedUpper: Not determined• Vapour pressure: Not determined• Density: Not determined• Solubility in / Miscibility with water: Insoluble• pH-value: Not determined• Viscosity:<ul style="list-style-type: none">kinematic: Not determined• Solvent content:<ul style="list-style-type: none">Organic solvents: 0,0%• Solids content: 100,0%
<p>10 Stability and reactivity</p> <ul style="list-style-type: none">• Thermal decomposition / conditions to be avoided: No decomposition if used and stored according to specifications.• Dangerous reactions: No dangerous reactions known.• Dangerous decomposition products: During thermic decomposition, flammable fumes which may irritate the eyes and which consist of methylmethacrylate are developed.
<p>11 Toxicological information</p> <ul style="list-style-type: none">• Acute toxicity:• Primary irritant effect:<ul style="list-style-type: none">• on the skin: No irritant effect. Slightly irritating.• on the eye: No irritating effect.• Sensitisation: Sensitisation possible through skin contact.• Additional toxicological information: The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version. Irritant• Sensitisation: May cause sensitisation by skin contact.
<p>12 Ecological information:</p> <ul style="list-style-type: none">• General notes: Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water. Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
<p>13 Disposal considerations</p> <ul style="list-style-type: none">• Product:• Recommendation: On the basis of the necessary technical regulations and after

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<p>consultation with the disposal agent and the relevant authorities, can be disposed of with domestic waste or incinerated with domestic waste.</p> <ul style="list-style-type: none">• European waste catalogue: 07 02 13 waste plastic• Uncleaned packaging:• Recommendation: Packagings that may not be cleansed are to be disposed of in the same manner as the product.
<p>14 Transport information</p> <ul style="list-style-type: none">• Land transport ADR/RID (cross-border) ADR/RID class: -• Maritime transport IMDG: IMDG class: - Marine pollutant: No• Transport / Additional information: Not dangerous according to the above specifications.
<p>15 Regulations</p> <ul style="list-style-type: none">• Labelling according to EU guidelines: The product has been classified and marked in accordance with EU Directives / Ordinance on Hazardous Materials.• Code letter and hazard designation of product: Xi Irritant• Hazard-determining components of labelling: dibenzoyl peroxide• Risk phrases: 43 May cause sensitisation by skin contact.• Safety phrases: 24 Avoid contact with skin. 37 Wear suitable gloves. 60 This material and its container must be disposed of as hazardous waste.• National regulations• Waterhazard class: Water hazard class 1 (Self-assessment): slightly hazardous for water.
<p>16 Other information:</p> <p>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.</p> <ul style="list-style-type: none">• Department issuing MSDS: anax dent GmbH• Contact: Andreas Kopietz