# Safety Data Sheet

## Impregnation Sealant

Based on the COMMISSION REGULATION (EU) 2015/830 of 28 May

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## 1. Product identifier:

Product name: ImpResin90

Product use: vacuum impregnation

Datails of the supplier of the safety data sheet: drControl Dawid Roszczenko

Ul. Jodłowa 3A/34

16-001 Ignatki Osiedle

Tel. +48535312207

Poland

Emergency telephone numer: Fire service 998

Emergency service 999

Emergency phone number 112

## 2. Hazards identification

2.1. Classification of the substance or mixture:

**Causes eye and skin irritation.**
**H319** Causes serious eye irritation.
**May cause respiratory tract irritation.**
**H335** May cause respiratory irritation.
**May cause allergic skin reaction.**
**H315** Causes skin irritation.
**May be harmful if swallowed.**
**H302** Harmful if swallowed.

2.2. Label elements

Hazard pictogram:

Signal word: **ATTENTION**

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| Hazard statements: | H302 Harmfull if swallowed.<br>H315 Causes skin irritation.<br>H319 Causes serious eye damage.<br>H335 May cause respiratory irritation. |
| Precautionary statements: | |
| Prevention: | |
| | P261 Avoid breathing mist/vapours/spray.<br>P280 Wear protective gloves/ eye prtoection. |
| Response: | |
| | P301+P330+P331 IF SWALLOWED: Rinse mouth. Do not induce vomiting.<br>P302+P352 IF ON THE SKIN: Wash with plenty of soap and water.<br>P305+P351+P338 IF IN EYES**:** Rinse cautiiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| Storage: | P403+P234 Store in a well-ventilated place. Keep only in original container. |

## 3. Composition / Information on ingredients.

| **Hazardous components** | **CAS Number** | **%** |
|---|---|---|
| Polyglycol dimethacrylate | 109-16-0 | 60-100 |
| Lauryl methacrylate | 142-90-5 | 10-30 |
| Proprietary surfactant | | 5-10 |
| Hydroxyalkyl methacrylate | 27813-02-1 | 1-5 |
| Hexadecyl methacrylate | 2495-27-4 | 1-5 |
| Tetradecyl methacrylate | 2549-53-3 | 1-5 |

## 4. First aid measures

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| Inhalation: | Move to fresh air. If symptomps develop abd persist, get medical attention. |
| Skin contact: | Wash with soap and water. Remove contaminated clothing and footwear. If symptoms develop and persist, get medical attention. Wash clothing befor reuse. |
| Eye contact: | Flush with copious amounts of water, preferably, lukewarm water for at least 15 minutes, holding eyelids open all the time. If symptoms develop and persist, get medical attention. |

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| Ingestion: | Do not induce vomiting. Rinse the mouth. Drink 1-2 glasses of water. If symptoms develop and persist, get medical attention. |

## 5. Firefighting measures

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| Flash point: | >93°C (>199.4 °F) |
| Extinguishing media: | Foam, dry chemical or carbon dioxide. |
| Special firefighting procedures: | Wear self-contained breathing appaaratus and full protective clothing, such as turn-out gear. |
| Unusual fire or explosion hazards: | None |
| Hazardous combustion products: | Oxides of sulfur. Oxides of nitrogen. Irritating organic vapours. Acrid smoke and fumes. Oxides of carbon. |
| Advice for firefighters: | Use standard firefighting methods. |

## 6. Accidental release measure

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| Personal precautions, protective equipment and emergency procedures: | Use personal protection recommended in Section 8, isolate the hazard area and deny entry to unnecessary and unprotected personel. |
| Environmental precautions: | Do not allowa product to enter sewer or waterways. |
| Methods and material for containment and cleaning up: | Store in a partly filled, closed container until disposal. Soak up with inert absorbent material (e.g. sand, silica gel, acid bonder, universal binder, sawdust) |
| Referemce to other sections: | Personal protection: section 8<br>Waste treatment methods: section 13 |

## 7. Handling and storage

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| Precautions for safe handling: | Avoid contact with eyes, skin and clothing. Do not breathe vapor and mist. Wash thoroughly after handling. |
| Conditions for safe storage, including any incompatibilities: | For safe storage, store a tor below 10 °C (50 °F); Keep in a cool, well ventilated area away from the heat, sparks and open flame. Kepp container tight;y closed until ready for use. |
| Specific end use(s): | none |

## 8. Exposure controls/Personal protection

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| Control parameters: | Employers should complete an assessment of all workplaces to determine the need for, and selsction of, proper exposure controls and protective equipment for each task performer. |

| Hazardous components | ACIGH TLV | OSHA PEL | AIHA WEEL | Inne |
|---|---|---|---|---|
| Polyglycol dimethacrylate | none | none | none | none |
| Lauryl methacrylate | none | none | none | 50 ppm |
| Proprietary surfactant | none | none | none | none |

| | | | | |
|---|---|---|---|---|
| Hydroxyalkyl methacrylate | none | none | none | 1 ppm TWA<br>3 ppm STEL |
| Hexadecyl methacrylate | none | none | none | none |
| Tetradecyl methacrylate | none | none | none | 50 ppm TWA<br>75 ppm STEL |

Exposure controls:

Eingineering controls: Use local ventilation if general ventilation is to maintain vapor concentration below established exposure limits.

Respiratory protection: Use NIOSH approved respirator it there is potential to exceed exposure limit(s).

Eye/face protection: Safety goggles or safety glasses with side shields. Wear chemical goggles; face shield (if splashing is possible). The workplace should be equipped with an emergency shower and eye-rinsing facility.

Skin protection: Use impermeable gloves and protective clothing as necessary to prevent skin contact. Neoprene gloves.

## 9. Physical and chemical properties

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| Physical state: | liquid |
| Color: | clear |
| Odor: | mild |
| Odor threshold: | not available |
| pH: | not available |
| Vapor pressure: | not available |
| Boiling point/range: | not available |
| Melting point/range: | not available |
| Specific gravity: | 1 |
| Vapor density: | not available |
| Flash point: | >93°C (>199,4 °F) |
| Flammable/Explosive limits – lower: | not available |
| Flammable/Expolosive limits – upper: | not available |
| Autoignition temperaturę: | not available |
| Evaporation rate: | not available |
| Solubility in water: | slight |
| Partition coefficient (n-octanol/water): | not available |
| VOC content: | not available |

## 10.Stability and reactivity

Stability: stable under normal conditions of storage and use.

Hazardous reactions: hazardous polymerization may occur in the presence of excess peroxides and metals contamination. Hazardous polymerization can occur with elevated temperatures.

Hazardous decomposition products: Oxides if nitrogen. Irritating organic vapours. Oxides of carbon. Oxides of sulfur.

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| Incompatible materials: | This chemical contains heavy metals. Reducing agents. Strong oxidizing agents. Strong alkalis. Metal oxides. Oxygen scavengers. Free radical initiators. Other polymerization initiators. Amines. |
| Conditions to avoid: | Keep away from heat, ignition sources and incompatible materials. |

## 11.Toxicological information

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| Acute oral product toxicity: | LD50 (rat) > 5,000 mg/kg (estimated) |
| Acute dermal product toxicity: | LD50 (rabbit) > 2,000 mg/kg (estimated) |
| Toxicologically synergistic products: | not available. |

## 12.Ecological information

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| Ecological information: | not available. |

## 13.Disposal considerations

**Information provided is for unusued product only.**

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| Recommended method of dispodal: | Follow all local, state, federal and provincial regulations for disposal. |

## 14.Transport information

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| UN number (ONZ number): | Not applicable – the product ist not a hazardous material according to RID, ADR, ADN, IMDG, IATA-DGR. |
| UN proper shipping name: | Not applicable – the product ist not a hazardous material according to RID, ADR, ADN, IMDG, IATA-DGR. |
| Transport hazard class: | None. |
| Packing group: | None. |
| Environmental hazards: | None |
| Special precautions for users: | Not applicable |

## 15.Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture:

REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC

REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006

COMMISSION REGULATION (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

16.1. Chemical safety assessment

## 17.Other information