

SAFETY DATA SHEET (MSDS)



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| Product: | Water-Based Varnish and Glass Polish |
| Product Code: | W1 |

WATER-BASED VARNISH AND GLASS POLISH

1 Substance / Mixture and Company / Distributor Information

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| Product Name: | Water-Based Varnish and Glass Polish |
| Product Type: | Water-based multi-purpose varnish applied to wood and metal surfaces as a final coat |
| Supplier / Manufacturer: | Hasgin Construction Industry and Trade Limited Company |
| Address: | Kurtuluş Neighborhood, Hüseyin Tümer Street, Zümrüt Street No:1 / 1 |
| Contact: | 0850 840 68 36 |
| Emergency Phone: | 0536 240 22 04 / 0532 241 85 39 |

2 Hazard Identification

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| Hazardous Components: | Not a hazardous substance or mixture. Not classified. |
| Classification according to GHS: | Not a hazardous substance or mixture. |
| Label Elements (warning signs, hazard statements, etc.): | None |
| Human Health Hazards: | No hazards under normal use conditions |
| Safety: | Not flammable or explosive. |
| Environmental Hazards: | P501 Dispose of contents/container in accordance with local/regional/national/international regulations. PBT and vPvB assessment results: PBT: Not applicable. vPvB: Not applicable. |

3 Composition / Information on Ingredients

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| Ingredients: | Butoxyethanol; Ethylene Glycol Monobutyl Ether; Butyl Cellosolve; Ammonia 25% |
| Names of hazardous components: | No hazards under normal use conditions |
| Chemical Name / CAS Number: | No hazards under normal use conditions |
| Concentration (%): | No hazards under normal use conditions |
| EC Number / REACH | No hazards under normal use conditions |

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| EC Number / REACH Registration: | No hazards under normal use conditions |
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4 First Aid Measures

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| If inhaled: | Move the person to fresh air, keep warm and at rest. If breathing is irregular or stopped, apply artificial respiration. Do not give anything orally. If unconscious, seek medical attention immediately. |
| In case of skin contact: | Remove contaminated clothing. Wash skin with plenty of water and soap or a reliable skin cleanser. Do not use solvents or thinners. |
| In case of eye contact: | Remove contact lenses if worn, hold eyelids open, rinse with plenty of clean water for at least 10 minutes, and seek medical attention. |
| If swallowed: | In case of accidental ingestion, seek emergency medical help. Keep the person at rest. Do not induce vomiting. |
| Delayed effects and symptoms: | If symptoms persist or in all suspicious cases, seek medical attention. Do not give anything orally to an unconscious person. |

5 Fire Fighting Measures

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| Suitable Extinguishing Media: | CO2, sand, extinguishing powder. Do not use water. |
| Unsuitable Extinguishing Media: | Jet water |
| Hazardous gases produced during fire: | No other significant information available. |
| Protective equipment and precautions: | Special protective equipment: No special measures required. |

6 Accidental Release Measures

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| Personal Precautions | Remove ignition sources and ventilate the area. Prevent inhalation of vapors. See protective measures listed in sections 7 and 8. Wear protective equipment. |
| Protective Equipment | - |
| Environmental Precautions | If the product enters rivers, lakes or sewers, notify the relevant authorities in accordance with local regulations. |
| Small Spill Clean-up | Absorb with binding materials (sand, diatomite, acid binder, universal binder, sawdust in powder form). Dispose of contaminated material as waste according to section 13. Ensure adequate ventilation. Do not wash with water or aqueous cleaning agents. |
| Other | For safe handling information, see section 7. For personal protective equipment, see section 8. For disposal information, see section 13. |

7 Handling and Storage

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| Handling | Ensure good ventilation of the workplace / air absorption. Prevent formation of aerosols (liquid dispersed in a gas). |
| Storage | Store in a cool, dry, well-ventilated area. Keep away from heat and fire. Do not store in direct sunlight. |

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| Usage Areas | Acrylic alkyd emulsion-based varnish used in paint and construction chemical industry. |
| Safe Storage Conditions, Including Incompatibilities | Store dry at +5 – 35 °C in well-ventilated area, away from heat sources and direct sunlight. Keep away from ignition sources. Prevent unauthorized use. Opened containers should be carefully closed and kept upright to prevent leaks. Do not pour into sewers. Protect from freezing. |
| Special Packaging Conditions | Ensure good ventilation of the workplace / air absorption. Prevent formation of aerosols (liquid dispersed in a gas). |
| Properties | Penetrates deeply into concrete surfaces. Fills capillary pores. Can be painted over if desired. Not resistant to sunlight. Applicable on moist concrete and plaster surfaces. Prevents bacterial growth in concrete. Balances vapor. Breathable. |

8 Exposure Controls / Personal Protection

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| Occupational Exposure Limits | Use available ventilation. |
| Engineering Controls | Use available ventilation. |
| Personal Protective Equipment: | General protective and hygienic measures: Keep away from food, drinks, and animal feed. Wash hands before breaks and at the end of work. Do not inhale gases/vapors/aerosols. |
| Respiratory Protection | For short-term or low exposure, use a respirator filter. For intense or long-term exposure, use an air-independent breathing apparatus. |
| Hand Protection | Glove material must be impermeable and resistant to the product/substance/preparation. Due to lack of tests, no recommendation can be made for gloves for this product/substance/chemical mixture. Selection of glove material should consider penetration time, permeability, and degradation. Consider all quality characteristics from manufacturer. Gloves must be checked before use. |
| Eye / Face Protection | Use safety goggles designed to prevent splashes. |
| Skin Protection | Standard work clothes and safety shoes or boots. |
| Hygiene Measures | Wash hands before eating, drinking, or smoking. Wash contaminated clothing before reuse. |

9 Physical and Chemical Properties

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| Physical State | Liquid under normal conditions. |
| Color | White. Transparent when dry. |
| Odor | Slightly aromatic |
| pH | - |
| Melting / Freezing Point | 100 °C Water |
| Boiling Point | - |
| Flash Point | - |
| Vapor Pressure | 22 mm Hg (20 °C) |
| Density | 1.05 ± 0.05 g/cm ³ |
| Water Solubility | Soluble in all proportions |
| Viscosity | 75 ± 15 cp < 50 g/L 10 |

10 Stability and Reactivity

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| Chemical Stability | Stable under normal conditions. |
| Conditions to Avoid | Sensitive to freezing. |
| Incompatible Materials | No other significant information available. |
| Incompatible Substances | None |
| Decomposing Substances | No decomposition occurs if used properly. |
| Hazardous Reactions or Compounds | No hazardous reactions reported. |

11 Toxicological Information

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| Acute Toxicity (LD50 etc.) | Consult a specialist immediately. |
| Skin Irritation / Corrosion | May cause irritation to skin and mucous membranes. Consult a specialist immediately. |
| Eye Irritation / Damage | No irritating effect. |
| Respiratory Irritation | - |
| Allergic Effects | - |
| Carcinogenicity | - |
| Reproductive Toxicity | - |

12 Ecological Information

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| Aquatic Toxicity | Very hazardous to water. Prevent even small quantities from reaching groundwater, stagnant or flowing waters, and sewers. Even minimal amounts entering the ground threaten drinking water. |
| Persistence and Degradability | No other significant information available. |
| Bioaccumulation Potential | No other significant information available. |
| Mobility in Soil | No other significant information available. |
| Other Adverse Effects | - |
| Ecotoxicity | - |

13 Waste Disposal Procedure

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| Waste Control | Not required |
| Disposal of Waste | Do not dispose of with household waste. Prevent from reaching the sewer. Disposal must comply with |

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| Disposal of Waste | Do not dispose of with household waste. Prevent from reaching the sewer. Disposal must comply with official regulations. |
| Recommended Disposal Method | - |
| Disposal of Contaminated Packaging | Do not dispose of with household waste. Prevent from reaching the sewer. |
| Transport and Storage | Disposal must comply with official regulations. |

14 Transport Information

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| UN Number | - |
| ADR / RID Class | - |
| ADR / RID Symbol | - |
| Proper Shipping Name | - |
| Transport Class | - |
| Packing Group | 5 kg plastic drum, 2 kg tin can |
| Special Information for Sea, Land, Air Transport | If stacked on pallets or stored freely, do not stack more than 3 layers of tin and plastic drums. |
| Storage Information | If stacked on pallets or stored freely, do not stack more than 3 layers of tin and plastic drums. |

15 Regulatory Information

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| National and International Regulations | This product is classified according to the Regulation on Classification, Packaging and Labelling of Dangerous Substances and Mixtures (Official Gazette: 26.12.2008, 27092) and/or the Regulation on Classification, Labelling and Packaging of Substances and Mixtures (Official Gazette: 11.12.2013, 28848). (For applied Classification and Labelling, see Section 2: HAZARD IDENTIFICATION) |
| Labelling Requirements | Not flammable. |
| Regulations like REACH, TSCA, OSHA, WHMIS | Not flammable. |

16 Other Information

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| MSDS Preparation / Update Date | 14-07-2025 |
| Version Number | - |
| Explanation of Abbreviations Used | RID: Regulations Concerning the International Transport of Dangerous Goods by Rail IATA-DGR: Dangerous Goods Regulations by the International Air Transport Association (IATA) ICAO: International Civil Aviation Organisation ICAO-TI: Technical Instructions by ICAO ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road IMDG: International Maritime Code for Dangerous Goods IATA: International Air Transport Association GHS: Globally Harmonised System of Classification and Labelling of Chemicals EINECS: European Inventory of Existing Commercial Chemical Substances ELINCS: European List of Notified Chemical Substances CAS: Chemical Abstracts Service VOC: Volatile Organic Compounds (USA, EU) LC50: Lethal concentration, 50% LD50: Lethal dose, 50% Flammable Liquid 3: Flammable liquid hazard category 3 |

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| | Asp. Tox. 1: Aspiration toxic mixture hazard category 1 Carc. 2: Carcinogenicity category 2 Acute Tox. 4: Acute toxicity category 4 Eye Dam. 1: Eye damage category 1 Skin Sens. 1: Skin sensitizer category 1 Carc. 1B: Carcinogen category 1B Muta. 1B: Mutagenic substance category 1B STOT SE 3: Specific target organ single exposure category 3 Aquatic Chronic 2: Aquatic chronic toxicity category 2 |
| EU Class | - |
| EU Symbol | None |
| EU Risk Phrases | None |
| EU Safety Phrases | - |
| GBF Publication Number | - |
| Additional Safety Instructions | - |
| Additional Information or Notes | H312 Harmful in contact with skin. H314 Causes severe skin burns and eye damage. H332 Harmful if inhaled. H301+H311 Toxic if swallowed or in contact with skin. H400 Very toxic to aquatic life. H410 Very toxic to aquatic life with long-lasting effects. H411 Toxic to aquatic life with long-lasting effects. P305 In case of contact with eyes: seek medical advice. |

Note: This form has been prepared based on current information to describe the product’s health, safety, and environmental effects.