



SAFETY DATA SHEET

Red Armor-Dilloz Maximum Effect -
Onewheel Tire Sealant

Version 2.0
Revision: 2026-06-22
Supersedes: 2019-12

1. Identification

Product identifier	Armor-Dilloz Tire Sealant - Maximum Protection - Red
Other means of identification	Red Armor-Dilloz; Maximum Protection Red; Product Code 10017
Product code	10017
Recommended use	Tire sealant for pneumatic tube and tubeless tires, especially Onewheel and other devices operating at 30 MPH or less.
Restrictions on use	Use only as directed. Do not ingest. Not intended to repair structural tire or tube damage, sidewall cuts, bead failures, or torn tubes.
Manufacturer / responsible party	Armor-Dilloz 11530 NE 13th Ave Miami, FL 33161 United States
Product information	Phone: +1-786-453-1760 Email: teamdilloz@armor-dilloz.com
Emergency telephone number	For exposure emergencies, call Poison Control at +1-800-222-1222 or call 911. Product emergency information: +1-786-453-1760.

2. Hazard(s) Identification

OSHA HCS classification	Physical hazards: Not classified. Health hazards: Not classified. Hazards classified under 29 CFR 1910.1200(d)(1)(ii): None known. Overall classification: Not classified as hazardous under OSHA Hazard Communication Standard, 29 CFR 1910.1200.
GHS label elements	Pictograms: None required Signal word: None required Hazard statements: None required
Precautionary statements	Avoid contact with eyes and prolonged skin contact. Wash hands after handling. Keep out of reach of children. Use with adequate ventilation.
Hazards not otherwise classified	None known.
Unknown acute toxicity	Not applicable; the mixture is not classified for acute toxicity based on known constituents and formulation information.

3. Composition/Information on Ingredients

Chemical characterization	Water-based proprietary tire sealant mixture.
Known composition profile	Contains water, propylene glycol (CAS 57-55-6), low-concentration sodium molybdate anticorrosive additive, aramid fiber, and rubber particulate.

Hazardous ingredients	No classified health-hazard ingredients above OSHA disclosure thresholds.
Proprietary ingredients	Specific concentrations, thickeners/suspension agents, colorants, and other non-hazardous additives are proprietary and/or not present at reportable concentrations.
Ingredient note	This section reports ingredients required for hazard communication and selected non-hazardous constituents for product identification. Sodium molybdate raw material may be anhydrous CAS 7631-95-0 or dihydrate CAS 10102-40-6; retain supplier SDS with formula records.

4. First-Aid Measures

General advice	If medical advice is needed, have the product container or this Safety Data Sheet available.
Inhalation	Move person to fresh air. Seek medical advice if symptoms occur or persist.
Skin contact	Wash with soap and water. Remove contaminated clothing. Seek medical advice if irritation or rash occurs.
Eye contact	Rinse cautiously with water for at least 15 minutes. Remove contact lenses if present and easy to do. Seek medical advice if irritation persists.
Ingestion	Rinse mouth. Do not induce vomiting unless directed by medical personnel. Never give anything by mouth to an unconscious person. Call Poison Control or a physician if unwell.
Most important symptoms/effects	May cause mild, temporary eye or skin irritation. No significant delayed effects known.
Immediate medical attention	Treat symptomatically.

5. Fire-Fighting Measures

Suitable extinguishing media	Water spray or fog, dry chemical, carbon dioxide, or alcohol-resistant foam.
Unsuitable extinguishing media	Do not use a high-pressure water stream if it may spread spilled material.
Specific hazards	Product is not classified as flammable. Thermal decomposition or combustion may produce carbon oxides and irritating fumes.
Fire-fighter protection	Wear full protective gear and self-contained breathing apparatus when fighting surrounding fires.

6. Accidental Release Measures

Personal precautions	Wear appropriate eye protection and gloves. Avoid contact with eyes and prolonged skin contact. Spilled product can create a slip hazard.
Emergency procedures	Ventilate the area. Keep unnecessary personnel away from the spill area.
Environmental precautions	Prevent large releases from entering drains, waterways, or soil.
Containment and cleanup	Contain the release. Absorb with inert material, collect into a suitable container, and rinse residue with water. Dispose of collected material according to applicable regulations.

7. Handling and Storage

Precautions for safe handling	Use only as directed. Avoid splashing and eye contact. Do not eat, drink, or smoke during use.
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Safe storage conditions	Store closed in a cool, dry place. Protect from heat, freezing, and contamination.
Incompatibilities	Keep away from strong oxidizing agents, acid chlorides, acid anhydrides, and chloroformates.
Specific end use	Tire sealant as described in Section 1.

8. Exposure Controls/Personal Protection

Control parameters	Propylene glycol: no U.S. OSHA PEL, NIOSH REL, or ACGIH TLV established. Sodium molybdate is present at low concentration as an anticorrosive additive. Soluble molybdenum compounds, as Mo: OSHA PEL 5 mg/m ³ TWA; ACGIH TLV 0.5 mg/m ³ TWA respirable particulate matter. Exposure is not expected under normal liquid product use unless mist, aerosol, or dried residue dust is generated.
Engineering controls	General ventilation is adequate for normal use. Use local ventilation if mist or aerosol is generated.
Eye/face protection	Wear safety glasses or splash goggles when filling tires or handling bulk quantities.
Skin protection	Wear protective gloves for prolonged or repeated contact. Wash exposed skin after handling.
Respiratory protection	Not normally required under intended use. Use appropriate respiratory protection if mist or aerosol exposure cannot be controlled by ventilation.
Hygiene measures	Handle in accordance with good industrial hygiene and safety practice.

9. Physical and Chemical Properties

Physical state	Viscous liquid / heterogeneous suspension.
Color	Red
Odor	Essentially odorless.
Odor threshold	No applicable information available.
Melting point/freezing point	-35 deg C.
Boiling point/range	No applicable information available.
Flammability	Not classified as flammable.
Explosion limits	Not applicable.
Flash point	Not determined for the mixture; not classified as flammable.
Auto-ignition temperature	No applicable information available.
Decomposition temperature	No applicable information available.
pH	8-10.
Kinematic viscosity	No applicable information available; product is viscous.
Solubility	Liquid components are miscible with water.
Partition coefficient	No applicable information available.
Vapor pressure/evaporation	No applicable information available.
Density / relative density	1.04 g/mL
Relative vapor density	No applicable information available.

Particle characteristics	Not applicable to a liquid mixture.
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10. Stability and Reactivity

Reactivity	No dangerous reaction known under normal conditions of use and storage.
Chemical stability	Stable under recommended handling and storage conditions.
Possibility of hazardous reactions	None known under normal conditions.
Conditions to avoid	Avoid extreme heat, freezing, and contamination.
Incompatible materials	Strong oxidizing agents, acid chlorides, acid anhydrides, and chloroformates.
Hazardous decomposition products	Carbon oxides and irritating fumes may be produced under fire conditions.

11. Toxicological Information

Likely routes of exposure	Eye contact, skin contact, ingestion, and inhalation of mist or aerosol.
Acute toxicity	Not classified based on available information. Propylene glycol reference data: oral LD50, rat: approximately 20,000 mg/kg.
Skin corrosion/irritation	May cause slight irritation with prolonged or repeated contact.
Serious eye damage/irritation	May cause slight irritation.
Respiratory or skin sensitization	Not classified; no applicable information available.
Germ cell mutagenicity	Not classified; no applicable information available.
Carcinogenicity	No components known to be listed as carcinogens by OSHA, IARC, or NTP.
Reproductive toxicity	Not classified; no applicable information available.
STOT - single exposure	Not classified; no applicable information available.
STOT - repeated exposure	Not classified; no applicable information available.
Aspiration hazard	Not classified; no applicable information available.
Symptoms	Possible temporary eye or skin irritation.

12. Ecological Information

Ecotoxicity	Not expected to be environmentally hazardous under normal use. Avoid uncontrolled release to waterways.
Aquatic toxicity reference data	Propylene glycol reference data indicates low aquatic toxicity; fish NOEC 96 h: approximately 52,930 mg/L; Daphnia magna EC50 48 h: >10,000 mg/L.
Persistence and degradability	No applicable information available for the mixture.
Bioaccumulative potential	No applicable information available for the mixture.
Mobility in soil	No applicable information available.
Other adverse effects	No applicable information available.

13. Disposal Considerations

Waste residues	Dispose of contents in accordance with local, state, and federal regulations.
Contaminated packaging	Empty containers should be rinsed and recycled or disposed of according to applicable regulations.
Disposal note	The waste generator is responsible for determining the proper waste classification at the time of disposal.

14. Transport Information

UN number	Not regulated.
UN proper shipping name	Not regulated.
Transport hazard class(es)	Not regulated by US DOT, TDG, IMDG, or IATA/ICAO.
Packing group	Not applicable.
Environmental hazards	Marine pollutant: No.
Transport in bulk	Not applicable.
Special precautions	Keep containers closed and upright. Protect from freezing and physical damage.

15. Regulatory Information

U.S. OSHA Hazard Communication	Not classified as hazardous under 29 CFR 1910.1200.
TSCA	Listed/exempt status should be maintained in supplier/formulation records; no TSCA restriction identified from current formulation information.
SARA 302	No components known to be subject to reporting requirements.
SARA 313	No components are known to be subject to reporting requirements under 40 CFR 372.65 based on current formulation information.
SARA 311/312	No hazard categories.
CERCLA	No reportable quantity known for the mixture.
California Proposition 65	Not known to contain California-listed chemicals at levels requiring a warning.
State Right-to-Know	Pennsylvania and New Jersey: Propane-1,2-diol (propylene glycol), CAS 57-55-6. Sodium molybdate is present at low concentration; retain supplier SDS/formula records for state inquiries.

16. Other Information, Including Date of Preparation or Last Revision

Prepared by	Armor-Dilloz.
Version	2.0
Revision date	2026-06-22
Supersedes	Version 1, 2019-12.
Classification basis	Reviewed against OSHA HCS health and physical hazard criteria for a water-based, non-aerosol, non-pressurized liquid mixture. Known constituents and additive concentrations do not identify a required GHS/OSHA hazard category for the supplied product.
Revision summary	Updated to current SDS terminology and OSHA Appendix D section coverage; corrected contact information, typographical errors, page numbering, fire-fighting media, transport/regulatory presentation, and physical property subfields. Added formula-profile disclosure and soluble molybdenum exposure-limit note.
Disclaimer	The information is based on present knowledge and is believed accurate for the product identified. Users are responsible for suitability, handling, and legal compliance. Armor-Dilloz makes no warranty, express or implied.