

Clean Armor707

1 PRODUCT AND COMPANY IDENTIFICATION

Product Identifier: Clean Armor707
SDS Number: 707
Revision Date: 12/9/2025
Product Description: Wood Exterior Sealer
Supplier Details: Clean Armor Technology, LLC
 7222 Commerce Center Drive, Suite 220
 Colorado Springs, CO 80919
Phone: 1.800.255.3924
Emergency: ChemTel

2 HAZARDS IDENTIFICATION

Classification of the Substance or Mixture

GHS Classification in Accordance with 29 CFR 1910 (OSHA HCS):

Health, Acute toxicity, 4 Oral
 Health, Skin corrosion/irritation, 2
 Health, Respiratory or skin sensitization, 1 Skin
 Environmental, Hazards to the aquatic environment - Chronic, 2
 Health, Serious Eye Damage/Eye Irritation, 2 B

GHS Label Elements, Including Precautionary Statements

GHS Signal Word: **WARNING**

GHS Hazard Pictograms:



GHS Hazard Statements:

H302 - Harmful if swallowed
 H315 - Causes skin irritation
 H317 - May cause an allergic skin reaction
 H411 - Toxic to aquatic life with long lasting effects
 H320 - Causes eye irritation

GHS Precautionary Statements:

P261 - Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.
 P264 - Wash skin thoroughly after handling.
 P271 - Use only outdoors or in a well-ventilated area.
 P272 - Contaminated work clothing should not be allowed out of the workplace.
 P273 - Avoid release to the environment.
 P280 - Wear protective gloves.
 P280 - Wear protective gloves/ eye protection/ face protection.
 P302 + P352 - IF ON SKIN: Wash with plenty of soap and water.
 P304 + P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
 P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P312 - Call a POISON CENTER or doctor/ physician if you feel unwell.
 P321 - Specific treatment (see supplemental first aid instructions on this label).
 P333 + P313 - If skin irritation or rash occurs: Get medical advice/ attention.
 P337 + P313 - If eye irritation persists: Get medical advice/ attention.
 P362 - Take off contaminated clothing and wash before reuse.
 P403 + P233 - Store in a well-ventilated place. Keep container tightly closed.
 P501 - Dispose of contents/ container to an approved waste disposal plant.
 P201 - Obtain special instructions before use.
 P202 - Do not handle until all safety precautions have been read and understood.

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Hazards not Otherwise Classified (HNOC) or not Covered by GHS

3 COMPOSITION/INFORMATION OF INGREDIENTS

Chemical Ingredients

CAS#	%	Chemical Name
Proprietary	5-20%	Reactive Diluent
Proprietary	5-20%	oligomer B
75980-60-8	2-10%	Methanone, (diphenylphosphinyl)(2,4,6-trimethylphenyl)-
0	20-30%	Monomer Blend
0	2-10%	Photoinitiator Blend
42978-66-5	10-30%	2-Propenoic acid, (1-methyl-1,2-ethanediyl)bis[oxy(methyl-2,1-ethanediyl)] ester

4 FIRST AID MEASURES

Inhalation:	If product vapor or fume causes respiratory irritation or distress, move the person to fresh air immediately. Loosen tight clothing such as a collar, tie, belt or waistband. If symptoms persist, seek medical attention.
Skin Contact:	Remove contaminated clothing and wash before reuse. Promptly flush skin with water until all chemical is removed. Wash with soap and water. If irritation persists, seek medical advice
Eye Contact:	Immediately flush eyes with large amounts of water for at least 15 minutes, lifting eyelids occasionally to facilitate irrigation. Remove contact lenses if able. Obtain medical attention if irritation persists.
Ingestion:	Do not induce vomiting. If vomiting occurs, have person lean forward to reduce risk of aspiration of material into the lungs. Rinse mouth with water if the victim is conscious. Remove dentures if present. Do not leave victim unattended. Get medical attention if necessary.

5 FIRE FIGHTING MEASURES

Extinguishable media

Suitable extinguishing agents: Foam, extinguishing powder or water spray or alcohol resistant foam.

Unsuitable extinguishing agents: Water jets and high pressure streams.

Special Hazards

Closed containers may explode due to the buildup of pressure when exposed to extreme heat. Polymerization is exothermic and can degenerate into an uncontrolled reaction. During emergency conditions overexposure to decomposition products may cause a health hazard. Symptoms may not be immediate. Obtain medical attention if necessary.

Explosion hazards: Material does not present an explosion hazard

Firefighters

Full protective equipment including self-contained breathing apparatus should be used. Water may be used to cool closed containers to prevent pressure buildup and possible polymerization. If possible, firefighters should control runoff water to prevent environmental contamination.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergence procedures

Evacuate non-essential personnel. Remove all sources of ignition. Ventilate the area. Wear appropriate protective clothing.

Environmental precautions

Prevent contact with soil and entry into drains, sewers or waterways

Methods and materials for containment and cleanup

Cover drains. Cover spill area with inert absorbent. Collect material and place in an approved container for disposal. Dispose of material in accordance with state and local regulations. Wash area with soap and water.

Personal precautions, protective equipment and emergence procedures

Evacuate non-essential personnel. Remove all sources of ignition. Ventilate the area. Wear appropriate protective clothing.

Environmental precautions

Prevent contact with soil and entry into drains, sewers or waterways

Methods and materials for containment and cleanup

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Cover drains. Cover spill area with inert absorbent. Collect material and place in an approved container for disposal. Dispose of material in accordance with state and local regulations. Wash area with soap and water.

7 HANDLING AND STORAGE

Handling Precautions:	Avoid contact with eyes, skin, or clothing. Wash thoroughly after handling. Consider normal working hygiene. If normal use of material presents a breathing hazard, use adequate ventilation or wear appropriate respiratory protection. No smoking.
	Protection against fire and explosion Polymerization is exothermic and can be an uncontrolled reaction
Storage Requirements:	Store in cool/dry area. Protect container and its fittings from physical damage. Suitable packing materials. Keep away from heat, sparks, and flames. Avoid contact to direct sunlight. Ventilate closed areas.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls:	Use mechanical (general) ventilation for storage areas. Use local exhaust at filling zones and where leakage is probable.
Personal Protective Equipment:	Personal protective equipment Eye/face protection: Face shield and safety glasses Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU). Skin protection: Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching gloves outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. Body Protection: Complete suit protecting against chemicals, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace. Respiratory protection: Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi- purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU). Control of environmental exposure: Do not let product enter drains.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear, colorless to pale yellow liquid	Odor:	Mild
Physical State:	Liquid	Molecular Formula:	No data available
Odor Threshold:	No data available	Solubility:	Not soluble in water
Particle Size:	No data available	Softening Point:	No data available
Spec Grav./Density:	1.0495-1.0505	Percent Volatile:	No Volatiles
Viscosity:	20-60cps@77F		
Saturated Vapor Concentration:	No Data Available		

10 STABILITY AND REACTIVITY

Reactivity:	Product can undergo hazardous, exothermic polymerization
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Chemical Stability:	Product is stable under normal conditions.
Conditions to Avoid:	This material polymerizes exothermically in the presence of heat, contamination, oxygen-free atmosphere, free radicals, peroxides and inhibitor depletion. DO NOT expose to sunlight or ultraviolet radiation.
Materials to Avoid:	Strong oxidizing agents, strong reducing agents, free radical generators, inert gas, oxygen scavengers, peroxides, sunlight, UV radiation.
Hazardous Decomposition:	Thermal decomposition products may include carbon oxides, nitrogen oxides, acrylates, amines, hazardous organic compounds, acrid smoke and fumes.
Hazardous Polymerization:	Can occur with extreme heat or flame

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TOXICOLOGICAL INFORMATION

2-Propenoic acid, (1-methyl-1,2-ethanediyl)bis[oxy(methyl-2,1-ethanediyl)] ester cas#:(42978-66-5) [10-30%]

Information on toxicological effects

Acute toxicity:

LD50 Oral - rat - male and female - 6,800 mg/kg (OECD Test Guideline 401)

LC0 Inhalation - rat - male and female - 7 h - 0.000545 mg/l

LD50 Dermal - rabbit - male and female - > 2,000 mg/kg (OECD Test Guideline 402)

LD50 Intraperitoneal - rat - 345 mg/kg Remarks: Behavioral:Convulsions or effect on seizure threshold. Behavioral:Ataxia.

Gastrointestinal:Other changes.

Skin corrosion/irritation: Skin - rabbit Result: Moderate skin irritation

Serious eye damage/eye irritation: Eyes - rabbit Result: Irritating to eyes. - 24 h

Respiratory or skin sensitisation: in vivo assay - mouse Result: May cause sensitisation by skin contact. (OECD Test Guideline 429)

Germ cell mutagenicity: mouse lymphocyte Result: positive

Mutagenicity (micronucleus test) mouse - male Result: negative

Carcinogenicity:

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity: no data available

Developmental Toxicity - rat - Oral:

No adverse effect has been observed in chronic toxicity tests.

Specific target organ toxicity - single exposure: no data available

Specific target organ toxicity - repeated exposure: no data available

Aspiration hazard: no data available

Additional Information:

Repeated dose toxicity - rabbit - male and female - Dermal - Lowest observed adverse effect level - 500 mg/kg RTECS: AT4690000

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

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ECOLOGICAL INFORMATION

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2-Propenoic acid, (1-methyl-1,2-ethanediyl)bis[oxy(methyl-2,1-ethanediyl)] ester cas#:(42978-66-5) [10-30%]

Information on ecological effects

Toxicity:

Toxicity to fish static test LC50 - Leuciscus idus (Golden orfe) - 4.6 - 10 mg/l - 96 h.
(DIN 38412)

Toxicity to daphnia and static test EC50 - Daphnia magna (Water flea) - 89 mg/l - 48 h.
other aquatic invertebrates

Toxicity to algae static test EC50 - Desmodesmus subspicatus (Scenedesmus subspicatus) -:
65.9 mg/l - 72 h

Toxicity to bacteria Respiration inhibition EC50 - Sludge Treatment - > 1,000 mg/l - 30 min:
(OECD Test Guideline 209)

Persistence and degradability: Biodegradability aerobic - Exposure time 28 d Result: 48 % - Partially biodegradable. (OECD Test Guideline 301B)

Bioaccumulative potential: no data available

Mobility in soil: no data available

Results of PBT and vPvB assessment PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

Other adverse effects: An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Toxic to aquatic life with long lasting effects.

no data available

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DISPOSAL CONSIDERATIONS

2-Propenoic acid, (1-methyl-1,2-ethanediyl)bis[oxy(methyl-2,1-ethanediyl)] ester cas#:(42978-66-5) [10-30%]

Waste treatment methods

Product: Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material.

Contaminated packaging: Dispose of as unused product.

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TRANSPORT INFORMATION

Not hazardous product according to these transport classifications.
Not regulated for transport

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REGULATORY INFORMATION

[%] RQ (CAS#) Substance - Reg Codes

[40-70%] 2-Propenoic acid, 1,1'-(1,6-hexanediyl) ester (13048-33-4) CANADADSL, TSCA, TSCAACTV

[2-10%] Methanone, (diphenylphosphinyl)(2,4,6-trimethylphenyl)- (75980-60-8) CANADADSL, TSCA, TSCAACTV

[1-3%] 4-Methoxyphenol (150-76-5) CANADADSL, MASS, OSHAWAC, PA, TSCA, TSCAACTV, TXAIR

[30-60%] 2-Propenoic acid, 1,1'-[oxybis(methyl-2,1-ethanediyl)] ester (57472-68-1) CANADADSL, TSCA, TSCAACTV

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[2-8%] Methanone, (1-hydroxycyclohexyl)phenyl- (947-19-3) CANADADSL, TSCA, TSCAACTV

This product does not contain chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm.

Regulatory Code Legend

CANADADSL = Canadian Domestic Substances List
MASS = MA Massachusetts Hazardous Substances List
OSHAWAC = OSHA Workplace Air Contaminants
PA = PA Right-To-Know List of Hazardous Substances
TSCA = Toxic Substances Control Act
TSCAACTV = TSCA Active Chemicals
TXAIR = TX Air Contaminants with Health Effects Screening Level

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OTHER INFORMATION

Revision Date: 12/9/2025

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