

PRODUCT CODE: VARIOUS PRODUCT NAME: Armor All Protectant

This form may be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200.

IDENTITY (As Used on Label and List): **Armor All Protectant**

SECTION I - Product Identification

MANUFACTURERS NAME AND ADDRESS:

Armor All Products Corp.
6 Liberty
Aliso Viejo, CA. 92656

TELEPHONE NUMBERS:

Emergency: (800)747-4104 308
Emergency:
Information:

Date Entered: 10/14/93
Last Revision: 01/07/94
MSDS Printed: 01/07/94

SYNONYMS:

Cleaning Compound

CHEMICAL FAMILY:

HAZARD LABEL: Not regulated

MOLECULAR FORMULA:

MOLECULAR WEIGHT: NE or NA

NFPA RATINGS: (0-4)

Health: 1
Flammability: 1
Reactivity: 0

NFPA SPECIFIC HAZARDS

SECTION II - Hazardous Ingredients/Identity Information

HAZARDOUS COMPONENTS (SPECIFIC CHEMICAL IDENTITY/Common Name)	CAS #	OSHA PEL	ACGIH TLV	OTHER LIMITS	PERCENTAGE
Silicone Emulsion	SILICONE	Not est.	Not est.		0.0 - 5
Sorbitol	50-70-4	Not est.	Not est.		0.0 - 1
Armor All Concentrate	CONCENTRATE	Not est.	Not est.		1.0 -
Water	7732-18-5	Not est.	Not est.		50.0 -10

CAS # Sec.302 (EHS) Sec.304 Sec.313

SILICONE
50-70-4
CONCENTRATE
7732-18-5

SECTION III - Physical/Chemical Characteristics

<u>BOILING POINT:</u> 211.0 deg.F	<u>SPECIFIC GRAVITY (Water = 1):</u> 1	at 25.0 deg.C	pH: 6.5 - 8
<u>MELTING POINT:</u> 32.0 deg.F	<u>VAPOR PRESSURE (mm Hg):</u> . . . 3.1	at 25.0 deg.C	
	<u>VAPOR DENSITY (Air=1):</u> . . . 1	at 25.0 deg.C	
<u>PHYSICAL STATES:</u> [] Gas	<u>EVAPORATION RATE:</u> 0.4	at 25.0 deg.C	
[X] Liquid	(Butyl Acetate=1)		
[] Solid	<u>SOLUBILITY IN WATER:</u> >90%	at 25.0 deg.C	
	<u>PERCENT VOLATILE:</u>		

APPEARANCE AND ODOR:

Milky, white liquid free from foreign material. Characteristic odor.

SECTION IV - Fire and Explosion Hazard Data

FLASH PT: METHOD USED: EXPLOSIVE LIMITS: LEL: UEL:

EXTINGUISHING MEDIA:

None

SPECIAL FIRE FIGHTING PROCEDURES:

None known.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None known.

SECTION V - Reactivity Data

STABILITY: Unstable [] Stable [X]

CONDITIONS TO AVOID (Instability):

Stable under normal conditions of storage and use.

INCOMPATIBILITY (MATERIALS TO AVOID):

None known.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

Sulfur dioxide, carbon dioxide, and traces of incompletely oxidized carbon.

HAZARDOUS POLYMERIZATION: May occur [] Will not occur [X]

CONDITIONS TO AVOID (Hazardous Polymerization):

Will not occur.

PRODUCT CODE: VARIOUS PRODUCT NAME: Armor All Protectant

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SECTION VI - Health Hazard Data

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ROUTE(S) OF ENTRY: Inhalation? Y Skin? Y Eyes? Y Ingestion? Y Other:

HEALTH HAZARDS (Acute and Chronic):

Acute Health Hazard Data:

Skin absorption: Apparent acute dermal LD 50 > 2g/kg body weight.

Ingestion: Apparent acute oral LD 50 > 16 g/kg. body weight.

Inhalation: None known.

Skin contact: Non-irritating.

Eyes: Non-irritating.

CARCINOGENICITY: NTP? N IARC Monographs? N OSHA Regulated? N No known hazards.

RECOMMENDED EXPOSURE LIMITS:

LD 50/LC 50: See section on health hazards.

SIGNS AND SYMPTOMS OF EXPOSURE:

None known.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

None known.

EMERGENCY AND FIRST AID PROCEDURES:

Internal: If swallowed, do not induce vomiting. Call a physician immediately.

Inhalation: Remove to fresh air.

Skin contact: Flush skin with water.

Eye contact: Flush thoroughly with water. If irritation persists, call a physician.

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SECTION VII - Precautions for Safe Handling & Use

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STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Use absorbent material to collect and contain for salvage and/or disposal/.

WASTE DISPOSAL METHOD:

Can be landfilled or burned in accordance with local, state, and federal regulations.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

HAZARD LABEL INFORMATION:

Inhalation: Avoid prolonged or repeated breathing vapors.

Skin: Avoid prolonged or repeated contact with skin.

Eyes: Avoid prolonged or repeated contact with eyes.

Wash thoroughly after handling.

Keep container closed. Store in cool, dry place.

OTHER PRECAUTIONS:

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SECTION VIII - Control Measures

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PROTECTIVE EQUIPMENT SUMMARY - HAZARD LABEL INFORMATION

RESPIRATORY PROTECTION (SPECIFY TYPE): No special protection necessary.

VENTILATION:

LOCAL EXHAUST:

SPECIAL:

MECHANICAL (GENERAL):

OTHER:

PROTECTIVE GLOVES: Standard in industrial operations.

EYE PROTECTION: Safety glasses std. in ind'l. opns.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Safety shoes and hard hats standard in industrial operations.

WORK/HYGIENIC/MAINTENANCE PRACTICES:

Wash hands with soap and water after use.

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SECTION IX - Additional Comments

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Sara Title III Section 313 Chemicals: None present.

CERCLA: None present.

Prop. 65: None present.

IMPORTANT: Seller makes no warranty, express or implied, concerning the product or the merchantability or fitness thereof for any purpose or concerning the accuracy of any information provided by Armor All, except that the product shall conform to standard specification, and that the product does not infringe any valid United States patent. The information provided here was believed to be reliable, but it is the responsibility of the user to investigate and understand other pertinent sources of information, to comply with all laws and procedures applicable to the safe handling and use of product and to determine the suitability of the product for its intended use. Buyer's exclusive remedy shall be for damages and no claim of any kind, whether as to product delivered or for non-delivery of product, and whether based on contract, breach of warranty, negligence otherwise shall be greater in amount than the purchase price or the quantity of product in respect of which damages are claimed. In no event shall seller be liable for incidental or consequential damages, whether buyer's claim is based on contract, breach of warranty, negligence, or otherwise.



The Clorox Company
 1221 Broadway
 Oakland, California 94621
 Tel. (510) 271-7000

Material Safety Data Sheet

I Product: ARMOR ALL PROTECTANT							
Description: MILKY WHITE LIQUID WITH SLIGHT ODOR							
Other Designations	Distributor						
Armor All Protectant Original Shine Finish Surface Cleaner and Protectant	Armor All Products Corporation 1221 Broadway Oakland, CA 94612						
Emergency Telephone No.							
For Medical Emergencies call Rocky Mountain Poison Center: (800) 446-1014 For Transportation Emergencies call Chemtrec: (800) 424-9300							
II Health Hazard Data	III Hazardous Ingredients						
<p>Non-irritating to skin and eyes. Under normal consumer use and conditions, the likelihood of adverse health effects is low.</p> <p>No medical conditions are known to be aggravated by exposure to this product.</p> <p>FIRST AID: EYE CONTACT: Remove contact lenses. Flush eyes thoroughly with plenty of water for 15 minutes. If irritation occurs, get medical attention. SKIN CONTACT: Wash area with soap and water. If irritation occurs, get medical attention. INGESTION: Drink a glassful of water. Get medical attention if effects occur. INHALATION: If breathing problems occur, remove to fresh air.</p>	<table border="1"> <thead> <tr> <th>Ingredients</th> <th>Concentration</th> <th>Worker Exposure Limit</th> </tr> </thead> <tbody> <tr> <td>Silicone Emulsion CAS # N/A</td> <td>30 - 40%</td> <td>Not established</td> </tr> </tbody> </table> <p>None of the ingredients in this product are on the IARC, NTP or OSHA carcinogen list.</p>	Ingredients	Concentration	Worker Exposure Limit	Silicone Emulsion CAS # N/A	30 - 40%	Not established
Ingredients	Concentration	Worker Exposure Limit					
Silicone Emulsion CAS # N/A	30 - 40%	Not established					
IV Special Protection and Precautions	V Transportation and Regulatory Data						
<p>Hygienic Practices: Wash hands with soap and water after use.</p> <p>Engineering Controls: Use general ventilation to minimize exposure to vapor or mists.</p> <p>Work Practices: Avoid eye and skin contact and inhalation of vapor or mist.</p> <p>KEEP OUT OF REACH OF CHILDREN</p>	<p>DOT/IATA/IMO: Not restricted</p> <p>TSCA Status: All ingredients in this product are listed on the TSCA inventory.</p> <p>EPA - SARA Title III/CERCLA: Packaged product is not reportable under Sections 311/312. Contains no chemicals regulated under: CERLA Sections 311, 312, 313, or 304.</p>						
VI Spill or Leak Procedures	VII Reactivity Data						
<p>Spill Procedures: Absorb and containerize. Wash residual down to sanitary sewer. Contact the sanitary treatment facility in advance to assure ability to process washed down material. For spills of multiple products, responders should evaluate the MSDS's of the products for incompatibility with this product.</p> <p>Waste Disposal: Dispose of in accordance with all applicable federal, state and local regulations.</p>	Stable under normal use and conditions.						
VIII Fire and Explosion Data	IX Physical Data						
<p>Combustion: Non flammable or explosive.</p> <p>Fire Extinguishing Agents: Water, water fog, dry chemical, foam or carbon dioxide (CO₂) fire extinguishers.</p> <p>If product has undergone partial or complete evaporation, may be combustible.</p>	<p>Boiling Point.....212°F/100°C</p> <p>Specific Gravity(H₂O=1).....1.00 @ 25°C</p> <p>Solubility in Water.....Easily soluble</p> <p>pH.....7</p> <p>Evaporation rate (Butyl acetate =1).....0.4</p>						