

MATERIAL SAFETY DATA SHEET

**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 Corporation  
6 Liberty  
Aliso Viejo, CA\_ 92656

**Telephone Numbers:**

Heidi Quizon (800) 747-4104 308  
Mandy Hamilton (800) 747-4104 290  
Chemtrec (800) 424-9300

**Date Entered:** 10/14/93

**Last Revision:** 08/13/00

**MSDS Printed:** 08/13/96

**Synonyms:** Cleaning Compound

**Chemical Family:**

**Hazard Label:** Not regulated

**Molecular Formula:**

**Molecular Weight:** NE or NA

**NFPA Ratings:** (0-4) NFPA Specific Hazards

**Health:** 1

**Flammability:** 1

**Reactivity:** 0

**SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION**

Hazardous Components (Specific Chemical Identity/Common Name)	CAS #	Percentage
Water	7732-18-5	50.0 -100.0
Silicone Emulsion	NA	0.0 - 50.0
Sorbitol	50-70-4	0.0 - 10.0
Armor All Concentrate	NA	1.0 - 5.0

CAS #	OSHA PEL	ACGIH TLV	Other Limits
7732-18-5	Not est.	Not est.	
NA	Not est.	Not est.	
50-70-4	Not est.	Not est.	
NA	Not est.	Not est.	

**SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS**

<b>Boiling Point:</b>	211.0° F	<b>Specific Gravity (Water = 1):</b>	1.008	at 25.0° C
<b>Melting Point:</b>	32.0° F	<b>Vapor Pressure (mm Hg):</b>	3-1	at 25.0° C
		<b>Vapor Density (Air=1):</b>	1	at 25.0° C
<b>Physical States:</b>	<input type="checkbox"/> Gas	<b>Evaporation Rate:</b>	0.4	at 25.0° C
	<input checked="" type="checkbox"/> Liquid	(Butyl Acetate = 1)		
	<input type="checkbox"/> Solid	<b>Solubility In Water:</b>	>90%	at 25.0° C
		<b>Percent Volatile:</b>		

**Appearance and Odor:** Milky, white liquid free from foreign material. Characteristic odor.

**SECTION IV - FIRE AND EXPLOSION HAZARD DATA**

<b>Flash Point:</b>		<b>Method Used:</b>
<b>Explosive Limits:</b>	LEL:	UEL:
<b>Extinguishing Media:</b>	None	

**Special Fire Fighting Procedures:** None known  
**Unusual Fire and Explosion Hazards:** None known.

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### SECTION V - REACTIVITY DATA

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**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.

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### SECTION VI - HEALTH HAZARD DATA

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**Route(s) of Entry:** **Inhalation?** Yes **Skin?** Yes **Eyes?** Yes **Ingestion?** Yes  
**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 No IARC Monographs? No OSHA Regulated? No  
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 AND 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.

**Other Precautions:** In case of spill, call Armor All Products Corp. or call Chemtrec at 1-800-424-9300.

**Waste Disposal Method:** Can be landfilled or burned in accordance with local, state, and federal regulations.

**Precautions To Be Taken in Handling and Storing:**

**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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**Respiratory Protection (Specify Type):** No special protection necessary.

**Ventilation:**

**Local Exhaust:**

**Special:**

**Mechanical (General):**

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**SECTION VIII- CONTROL MEASURES (continued)**

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**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 herein 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 or 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.