

Material Safety Data Sheet
 May be used to comply with
 OSHA's Hazard Communication Standard,
 CFR 1910.1200. Standard must be
 suited for specific requirements.

U.S. Department of Labor
 Occupational Safety and Health Administration
 (Non-Mandatory Form)
 Form Approved
 OMB No. 1218-0072



IDENTITY (As Used on Label and List) **BARRIER PACK
 ARMOR ALL AUTOMOTIVE PASTE WAX**

Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

Section I

Manufacturer's Name Armor All Products Corporation	Emergency Telephone Number (714) 553-1003
Address (Number, Street, City, State, and ZIP Code) 22 Corporate Park	Telephone Number for Information (714) 553-1003
Irvine, CA 92714	Date Prepared 12/1/87
	Signature of Preparer (optional)

Section II — Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
Mineral Spirits	350 ppm	100mg/m³	NIOSH 350mg/m³	-
Stoddard Solvent	500 ppm	100mg/m³	-	-
Dichloro Difluoro Methane	1000 ppm	1000/ppm		

Section III — Physical/Chemical Characteristics

Boiling Point (193°F) 89.8°C	Specific Gravity (H ₂ O = 1) 1.038 (typical)
Vapor Pressure (mm Hg.) 12	Melting Point (15.8°F) -9°C
Vapor Density (Air = 1) 2.2	Evaporation Rate (Butyl Acetate = 1) Less than 1
Solubility in Water Insoluble	Propellant mixture-Pressure @ 70°F = 65 psig

Appearance and Odor
Gray, semisolid wax, petroleum distillates odor

Section IV — Fire and Explosion Hazard Data

Flash Point (Method Used) 138°F (Tag Open cup)	Flammable Limits Not determined	LEL N.D.	UEL N.D.
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Extinguishing Media
Regular foam or carbon dioxide

Special Fire Fighting Procedures
Wear self-contained breathing apparatus with full facepiece, operated in pressure demand or other positive pressure mode.

Unusual Fire and Explosion Hazards
Vapors are heavier than air and may travel along ground. Even a residue can ignite by heat or pilot flame.

Section V — Reactivity Data

Stability	Unstable		Conditions to Avoid
	Stable	X	Temperatures above 90°C Mineral spirits volatilize Above 138°F(TOC) may ignite

Incompatibility (Materials to Avoid) None Known

Hazardous Decomposition or Byproducts Metal oxides, silicon dioxide, carbon dioxide and traces of incompletely oxidized carbon.

Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	X	No condition other than excessive heat

Section VI — Health Hazard Data

Route(s) of Entry:	Inhalation? Yes	Skin? Yes (open sores)	Ingestion? Yes
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Health Hazards (Acute and Chronic)

Classified as minimally irritating for washed eyes per Draize Eye Irritant test. Classified as Non toxic via Oral and dermal routes per Acute Oral & Dermal toxicity test. Repeated skin contact can cause dermatitis. Inhalation can cause respiratory irritation, nausea, headache in confined space.

Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulated?
N.D.	No	NONE	No

Signs and Symptoms of Exposure (Over exposure)

Eye irritation, blurred vision, headaches, dizziness, weakness, fatigue, (nausea vomiting and diarrhea in case of ingestion).

Medical Conditions

Generally Aggravated by Exposure Pre-existing ocular, dermal or respiratory conditions.

Emergency and First Aid Procedures

Wash skin with plenty of water for 15 minutes, Flush eyes with plenty of water for 15 min. If swallowed do not induce vomiting. Keep subject warm & quiet, obtain medical attention. Moved to a well ventilated space. If breathing is difficult, administer oxygen.

Section VII — Precautions for Safe Handling and Use

Steps to Be Taken in Case Material Is Released or Spilled

Spills cannot occur at ambient temperatures. If spill occurs at elevated temperature, use absorbent material to collect and contain for salvage and/or disposal.

Waste Disposal Method

In accordance with local, state and federal regulations that apply.

Precautions to Be Taken in Handling and Storing

Avoid or minimize skin contact. Avoid contaminating eyes. Do Not breathe vapors for prolonged periods.

Other Precautions

Remove from skin and flush eyes with water after contact.

Section VIII — Control Measures

Respiratory Protection (Specify Type)

None required for general use.

Ventilation	Local Exhaust	Yes	Special	None
	Mechanical (General)	None	Other	N/A

Protective Gloves

Not required

Eye Protection

Not required

Other Protective Clothing or Equipment

None

Work/Hygienic Practices

Wash hands with soap & water.