



# Armor All Products Company

1221 Broadway  
Oakland, CA 94612  
Tel. (510) 271-7000

# Material Safety Data Sheet

<b>I Product:</b> ARMOR ALL®TIRE FOAM® (AEROSOL)		
<b>Description:</b> WHITE LIQUID WITH SLIGHT ODOR		
<b>Other Designations</b>	<b>Manufacturer</b>	<b>Emergency Telephone Nos.</b>
Tire Cleaner and Protectant	Armor All Products Company 1221 Broadway Oakland, CA 94612	For Medical Emergencies call: (800) 446-1014 For Transportation Emergencies Chemtrac (800) 424-9300

<b>II Health Hazard Data</b>	<b>III Hazardous Ingredients</b>		
Product is not a primary skin or eye irritant. Under normal consumer use and conditions, the likelihood of adverse health effects is low. Inhalation of large amounts of the propane/isobutane propellant in an enclosed area may induce anesthetic effects and feelings of euphoria.	<u>Ingredients</u>	<u>Concentration</u>	<u>Worker Exposure Limit</u>
No medical conditions are known to be aggravated by exposure to this product.	Silicone Emulsion CAS# N/A	20-30%	Not established
<b>FIRST AID:</b>	Propane CAS# 74-98-6	1-5%	Not established Simple asphyxiant per ACGIH <sup>a</sup>
<b>EYE CONTACT:</b> Flush eyes thoroughly with plenty of water for 15 minutes. If irritation persists, get medical attention.	Dimethyl Ether CAS# 115-10-6	1-5%	Not established
<b>SKIN CONTACT:</b> Wash area with soap and water. If irritation persists, get medical attention.	Isobutane CAS# 75-28-5	1-5%	800 ppm TLV NIOSH REL <sup>b</sup>
<b>INGESTION:</b> Drink glassful of water. Get prompt medical attention if effects occur.	Propylene glyco CAS # 57-55-6	1-5%	50 ppm AIHA WEEL <sup>c</sup>
<b>INHALATION:</b> Remove to fresh air. If breathing problems or irritation persists, get medical attention.	ACGIH <sup>a</sup> = American Conference of Industrial Hygienists REL <sup>b</sup> = Recommended Exposure Limit AIHA WEEL <sup>c</sup> = American Industrial Hygiene Association Workplace Environmental Exposure Level. 8 hr TWA for total vapor and aerosol.		
	None of the ingredients in the product are on the IARC, NTP or OSHA carcinogen list.		

<b>IV Special Protection and Precautions</b>	<b>V Transportation and Regulatory Data</b>
<b>Hygienic Practices:</b> Wash hands with soap and water after use. Do not wear product-contaminated clothing for prolonged periods. Keep container closed when not in use. Do not smoke while using.	DOT/IATA/IMO:
<b>Engineering Controls:</b> Use local and general ventilation to minimize exposure to vapor or mists.	DOT = Consumer Commodity ORM-D IMO = Dangerous Goods in Limited Quantities of Class 2 IATA = Aerosol, non-flammable, N.O.S., UN 1950, Class 2.2
<b>Work Practices:</b> Avoid eye and skin contact and inhalation of vapor or mist. Use a NIOSH-approved respirator if exposure exceeds occupational exposure limits.	TSCA Status: All ingredients in this product are listed on the TSCA inventory.
Contents under pressure. Do not expose to heat or store at temperatures above 120°. Do not puncture or incinerate container. Store in accordance with NFPA 30B for Level 1 aerosols.	EPA - SARA Title III/CERCLA: Product contains propane, which is regulated under Section 311/312 of SARA Title III.
<b>KEEP OUT OF REACH OF CHILDREN</b>	

<b>VI Spill Procedures/Waste Disposal</b>	<b>VII Reactivity Data</b>
<b>Spill Procedures:</b> 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.	Stable under normal use and conditions. Do not mix with acids or other cleaning products as hazardous gases may result.
<b>Waste Disposal:</b> Dispose of in accordance with all applicable federal, state and local regulations.	

<b>VIII Fire and Explosion Data</b>	<b>IX Physical Data</b>
<b>Combustion:</b> COMBUSTIBLE (Liquid). Slightly flammable to flammable in the presence of heat (propellant).	Flash point (Liquid) ..... 200.0 /93.3°C
<b>Fire Extinguishing Agents:</b> Water, water fog, dry chemical, foam or carbon dioxide (CO <sub>2</sub> ).	Evaporation rate (Butyl acetate =1) ..... 0.4
Do not use a direct stream of water.	Specific Gravity (H <sub>2</sub> O=1) ..... 1.01 @ 25°
<b>NFPA Aerosol Classification:</b> Level 1	Solubility in Water..... Easily soluble
<b>CPSC Aerosol Classification:</b> Not flammable	pH..... 9.0 - 10.0
<b>Combustion products:</b> Oxides of carbon, silicon, sulfur, and nitrogen; formaldehyde	