



**The Armor All/STP Products Company**  
 1221 Broadway  
 Oakland, CA 94612  
 Tel. 1-510-271-7000

# Material Safety Data Sheet

<b>I Product:</b> ARMOR ALL® DETAILER'S ADVANTAGE TIRE FOAM® PROTECTANT													
<b>Description:</b> OPAQUE, WHITE, SLIGHTLY VISCOUS LIQUID WITH A MILD SOLVENT ODOR IN AN AEROSOL CAN													
<b>Other Designations</b>	<b>Distributor</b>												
	The Armor All/STP Products Company 1221 Broadway Oakland, CA 94612												
<b>Emergency Telephone Nos.</b>													
For Medical Emergencies, call 1-800-446-1014.  For Transportation Emergencies, call 1-800-424-9300 (Chemtrec).													
<b>II Health Hazard Data</b>	<b>III Hazardous Ingredients</b>												
Under normal consumer use and conditions, the likelihood of any adverse health effects is low.  No medical conditions are known to be aggravated by exposure to this product.  <u>FIRST AID:</u>  <u>EYE CONTACT:</u> Rinse with plenty of water. If irritation persists, call a doctor.  <u>SKIN CONTACT:</u> Rinse with plenty of water. If irritation persists, call a doctor.  <u>INGESTION:</u> Drink a glassful of water. Call a doctor or poison control center.  <u>INHALATION:</u> Remove to fresh air. If breathing problems develop, call a doctor.	<table border="1"> <thead> <tr> <th>Ingredients</th> <th>Concentration</th> <th>Worker Exposure Limit</th> </tr> </thead> <tbody> <tr> <td>Propane CAS # 74-98-6</td> <td>1 - 5%</td> <td>1000 ppm - TLV-TWA<sup>a,b</sup> 1000 ppm - PEL<sup>c</sup></td> </tr> <tr> <td>Isobutane CAS # 75-28-5</td> <td>1 - 5%</td> <td>1000 ppm - TLV-TWA<sup>a,b</sup></td> </tr> <tr> <td>Dimethyl ether CAS # 115-10-6</td> <td>0.5 - 1.5%</td> <td>Not established.</td> </tr> </tbody> </table> <p><sup>a</sup>TLV-TWA = ACGIH Threshold Limit Value-Time Weighted Average  <sup>b</sup>ACGIH TLV-TWA for aliphatic hydrocarbon gases (C1-C4 alkanes)  <sup>c</sup>PEL = OSHA Permissible Exposure Limit - Time Weighted Average</p> <p>None of the ingredients in the product are on the IARC, NTP, or OSHA carcinogen list.</p>	Ingredients	Concentration	Worker Exposure Limit	Propane CAS # 74-98-6	1 - 5%	1000 ppm - TLV-TWA <sup>a,b</sup> 1000 ppm - PEL <sup>c</sup>	Isobutane CAS # 75-28-5	1 - 5%	1000 ppm - TLV-TWA <sup>a,b</sup>	Dimethyl ether CAS # 115-10-6	0.5 - 1.5%	Not established.
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<b>IV Special Protection and Precautions</b>	<b>V Transportation and Regulatory Data</b>												
<u>Hygienic Practices:</u> Wash hands after direct contact. Do not wear product-contaminated clothing for prolonged periods.  <u>Engineering Controls:</u> Use general ventilation to minimize exposure to product vapor.  <u>Personal Protective Equipment:</u> Wear safety glasses. In situations where exposure limits may be exceeded, a NIOSH-approved respirator is advised.  Contents under pressure. Do not expose to heat or store at temperatures above 120°F. Do not puncture or incinerate container. Store in accordance with NFPA 30B for Level 1 aerosols.	<u>DOT:</u> Consumer Commodity ORM-D.  <u>IMDG:</u> Dangerous goods in limited quantities of Class 2, UN1950.  <u>IATA:</u> Aerosols, non-flammable, n.o.s., Class 2.2, UN1950.  <u>EPA - SARA Title III/CERCLA:</u> This product is regulated under Sections 311/312. This product contains sodium nitrite (CAS # 7632-00-0, <0.5%) that is regulated under Section 313 and under Section 304/CERCLA.												
<b>VI Spill Procedures/Waste Disposal</b>	<b>VII Reactivity Data</b>												
<u>Spill Procedures:</u> Absorb and containerize. Wash residual down to sanitary sewer. Contact the sanitary treatment facility in advance to assure ability to process washed-down material.  <u>Waste Disposal:</u> Dispose of in accordance with all applicable federal, state, and local regulations.	Stable under normal use and storage conditions.												
<b>VIII Fire and Explosion Data</b>	<b>IX Physical Data</b>												
<u>Flash Point (liquid):</u> >93°C (closed cup)  <u>Fire Extinguishing Agents:</u> Dry chemical, carbon dioxide (CO <sub>2</sub> ), foam, or water spray.  <u>Fire and Explosion Hazards:</u> Containers may rupture at temperatures >120°F.  <u>NFPA Aerosol Classification:</u> Level 1.  <u>CPSC Aerosol Classification:</u> Not flammable.	pH..... ~9 Specific gravity ..... ~1.0 Solubility in water..... Appreciable Viscosity (cP)..... ~30												