



Safety Data Sheet

The Armor All/STP Products Company

44 Old Ridgebury Road
Suite 300
Danbury, CT 06810
Tel. 1-203-205-2900

1. Product And Company Identification

Product Name: ARMOR ALL® Furious Wet Tire Shine Aerosol

Responsible Party: The Armor All/STP Products Company
44 Old Ridgebury Road
Suite 300
Danbury, CT 06810

Information Phone Number: +1 203-205-2900

Emergency Phone Number:

For Medical Emergencies, call 1-866-949-6465 / +1 303-389-1332 (Outside US and Canada)
For Transportation Emergencies, call 1-800-424-9300 (Chemtrec) +1-703-527-3887 for
Outside US and Canada (call collect)

SDS Date Of Preparation: 06/18/2015

Product Use and Uses Advised Against: Automotive maintenance product – For consumer and professional use

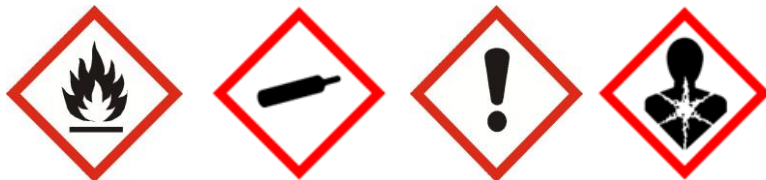
2. Hazards Identification

Note: This product is a consumer product and is labeled in accordance with the Consumer Product Safety Commission regulations and not OSHA regulations. The requirements for the labeling of consumer products take precedence over OSHA labeling so the actual product label will not contain the OSHA label elements shown below on this SDS.

GHS Classification:

Physical:	Health:
Flammable Aerosol Category 1 Gases Under Pressure: Compressed Gas	Skin Irritant Category 2 Specific Target Organ Toxicity – Single Exposure Category 3 Aspiration Hazard Category 1

GHS Label Elements:



Danger!

Statements of Hazard	Precautionary Phrases
Extremely flammable aerosol. Contains gas under pressure; may explode if heated. Causes skin irritation. May be fatal if swallowed and enters airways. May cause drowsiness or dizziness.	Prevention Keep away from heat, sparks, open flames, and hot surfaces. No smoking. Do not spray on an open flame or other ignition source. Pressurized Container. Do not pierce or burn, even after use. Avoid breathing vapors or spray.



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Response

IF ON SKIN: Wash with plenty of water and soap. If skin irritation occurs: Get medical attention. Take off contaminated clothing and wash it before reuse.
IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor if you feel un well.
IF SWALLOWED: Immediately call a POISON CENTER or doctor.
Do NOT induce vomiting.

Prevention Continued

Use only outdoors or in well-ventilated area. Wash exposed skin thoroughly after handling. Wear protective gloves.

Storage

Store locked up. Store in a well-ventilated place. Keep container tightly closed. Protect from sunlight. Do not exposure to temperatures exceeding 50°C / 122°F.

Disposal

Dispose of contents and container in accordance with local and national regulations

Hazards not otherwise specified: None

Percentage of unknown toxicity: N/A

3. Composition/Information On Ingredients

Component	CAS No.	Amount
Heptane Fluid	142-82-5	45 - 60%
Liquefied Petroleum Gas (propane, isobutane)	74-98-6 / 75-28-5	25 - 35%
Silicone Fluid	Proprietary	20 - 25%

The specific identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

4. First Aid Measures

Inhalation: If symptoms of exposure develop, remove to fresh air. Seek medical attention if breathing problems or irritation persist.

Skin Contact: Remove contaminated clothing. Wash exposed skin with soap and water. If skin irritation or redness develops, seek medical attention.

Eye Contact: Flush eyes with large amounts of water. If irritation or other symptoms persist, seek medical attention.

Ingestion: An unlikely route of exposure for an aerosol. However, if product is ingested: DO NOT induce vomiting. If vomiting occurs, keep head below hips to prevent aspiration into the lungs. Get medical assistance by calling an emergency room or poison control center. Never give anything by mouth to a person who is unconscious or drowsy.

Most Important Symptoms: Causes skin irritation. Inhalation may cause drowsiness or dizziness. May be fatal if swallowed and enters airways.

Indication of Immediate Medical Attention/Special Treatment: Immediate medical attention is required if product is ingested.

5. Firefighting Measures

Suitable (and Unsuitable) Extinguishing Media: Use water fog, foam, carbon dioxide or dry chemical. Cool fire
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exposed containers with water.

Specific Hazards Arising from the Chemical: Contents under pressure. Keep away from ignition source and open fire. Exposure of containers to extreme heat and flames can cause them to rupture often with violent force. Extremely flammable liquid and vapor. A vapor and air mixture can create an explosion hazard in confined spaces. Vapors are heavier than air and can travel along surfaces to remote ignition sources and flash back. Burning may produce carbon monoxide, carbon dioxide, silicone dioxide and formaldehyde.

Special Fire Fighting Procedures: Firefighters should always wear positive pressure self-contained breathing apparatus and full protective clothing. Cool fire-exposed containers with water. Use shielding to protect against bursting cans.

6: Accidental Release Measures

Personal Precautions: Eliminate all sources of ignition. Ventilate area with explosion proof equipment. Wear appropriate protective clothing and equipment.

Methods for Containment and Clean-Up: Place leaking can in a pail in a well ventilated area away from ignition sources until pressure has dissipated. Collect liquid using non-combustible absorbents and place into a suitable container for disposal. Use non-sparking tools and equipment.

Environmental Precautions: Prevent entry in storm sewers and waterways. Report spill as required by local and national regulations.

7. Handling and Storage

Precautions for Safe Handling: Avoid contact with eyes, skin, and clothing. Avoid breathing vapors or aerosols. Use only with adequate ventilation. Keep away from heat, sparks, hot surfaces and open flames. Wash thoroughly with soap and water after handling. Keep containers closed when not in use. Keep out of the reach of children. Do not puncture or incinerate containers.

Conditions for Safe Storage, Including any Incompatibilities: Store in a cool, well-ventilated area, away from incompatible materials. Do not store in direct sunlight or above 120°F. **U.F.C. (NFPA 30B) Level 3 Aerosol.**

8. Exposure Controls / Personal Protection

Exposure Guidelines:

CHEMICAL	EXPOSURE LIMIT
Heptane Fluid	500 ppm TWA OSHA PEL 400 ppm TWA ACGIH TLV 500 ppm STEL ACGIH TLV
Propane	1000 ppm TWA OSHA PEL
Isobutane	250 ppm TWA ACGIH TLV
Silicone Fluid	None Established

Appropriate Engineering Controls: General ventilation should be adequate for normal use. For operations where the TLV may be exceeded, forced ventilation such as local exhaust may be needed to maintain exposures below applicable limits. Use explosion proof equipment where required.

Personal Protective Equipment



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Respiratory Protection: None under normal use conditions. For operations where the TLV may be exceeded, a NIOSH approved respirator with an organic vapor cartridge and a dust/mist prefilter or supplied air respirator is recommended. Equipment selection depends on contaminant type and concentration. Select in accordance with 29 CFR 1910.134; all applicable laws and regulations; and good industrial hygiene practice.

Gloves: Protective gloves recommended to avoid skin contact.

Eye Protection: None required for normal use. Eye protection recommended to avoid eye contact.

Other Protective Equipment/Clothing: None required under normal use conditions.

9. Physical and Chemical Properties

Appearance And Odor: Clear, colorless, slightly viscous liquid with solvent odor in an aerosol can.

Physical State: Liquid-based aerosol	Odor Threshold: Not determined
pH: Not determined	Vapor Pressure: Not determined
Initial Boiling Point/Range: Not determined	Vapor Density: Not determined
Melting/Freezing Point: Not determined	Percent Volatile: Not determined
Solubility In Water: Not soluble	Evaporation Rate: Not determined
Viscosity: 19-32 cP	VOC Content: Not determined
Specific Gravity: 0.72	Autoignition Temp: Not determined
Coefficient Of Water/Oil Distribution: Not determined	Flammability (solid, gas): Not applicable
Flash Point: 18°F (7.8°C) (TCC ASTM D 56)	Decomposition Temperature: Not available
Flammability Limits: LEL: 1.05% (Heptane)	UEL: 9.5% (Liquefied Petroleum Gas)

10. Stability and Reactivity

Reactivity: Not normally reactive.

Chemical Stability: Stable under normal storage and handling conditions.

Conditions to Avoid: Keep away from excessive heat, sparks and open flames. Containers may rupture at temperatures > 120°F (48.8°C).

Incompatible Materials: Strong oxidizing agents.

Hazardous Decomposition Products: Thermal decomposition will generate carbon monoxide, carbon dioxide, silicone dioxide and formaldehyde.

11. Toxicological Information

Potential Health Effects:

Acute Hazards:

I Inhalation: Mist or vapor can irritate the throat and lungs. High concentrations may cause nasal and respiratory irritation and central nervous system effects such as headache, dizziness and nausea. Intentional abuse may be harmful or fatal.

Skin Contact: Causes skin irritation with redness, itching and burning of the skin. Prolonged and/or repeated contact may produce defatting and possible dermatitis.

Eye Contact: Direct contact may cause eye irritation with redness, tearing and pain.



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Ingestion: Ingestion is an unlikely route exposure for aerosol products. This product has low oral toxicity. If swallowed, this material may cause irritation of the mouth, throat and esophagus. Swallowing large amounts may be harmful. This product is an aspiration hazard. If swallowed, can enter the lungs and may cause chemical pneumonitis, severe lung damage and death.

Chronic Effects: Overexposure to heptane has been suggested as a cause of the following effects in laboratory animals: Kidney effects; and effects on hearing, and central nervous system damage.

Carcinogenicity Listing: None of the components is listed as a carcinogen or potential carcinogen by IARC, NTP, ACGIH or OSHA.

Numerical Measures of Toxicity:

Propane:	LC50 Rat inhalation >800,000 ppm
Isobutane:	LC50 Rat inhalation 658 mg/l/4 hr.
n-Heptane:	LD50 Rat Oral >5,000 mg/kg LD50 Rabbit Dermal >2,000 mg/kg LC50 Rat inhalation >29.3 mg/l/4 hr.
Silicone Fluid	Not acutely toxic.

12. Ecological Information

Ecotoxicity: No ecotoxicity data is currently available for product.

n-Heptane: LC50 Tilapia mossambica (Mozambique tilapia) 375 mg/L/96 hr.
LC50 Mysidopsis bahia (Opossum shrimp) 0.1 mg/L/96 hr.

Persistence and Degradability: No data available for product.

Bio accumulative Potential: No data available for product.

Mobility in Soil: No data available for product.

Other Adverse Effects: No data available

13. Disposal Considerations

Dispose of in accordance with all local, state/provincial and federal regulations. Offer empty containers for recycling.

14. Transport Information

DOT Hazardous Materials Description: UN1950, Aerosols, Class 2.1, Ltd Qty

IMDG Dangerous Goods Description: UN1950, Aerosols, 2.1, Ltd Qty

IATA International Air Transport Association: UN1950, Aerosols, Class 2.1, Ltd Qty



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15. Regulatory Information

United States:

EPA TSCA INVENTORY: All of the components of this material are listed on the Toxic Substances Control Act (TSCA) Chemical Substances Inventory.

CERCLA Section 103: This product has no RQ. Many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

SARA Hazard Category (311/312): Fire Hazard, Sudden Release of Pressure, Acute Health

SARA 313: This product contains the following chemicals subject to Annual Release Reporting Requirements Under SARA Title III, Section 313 (40 CFR 372): None

Canada:

Canadian Environmental Protection Act: All of the ingredients are listed on the Canadian DSL.

This SDS has been prepared according to the criteria of the Controlled Products Regulation (CPR) and the SDS contains all of the information required by the CPR.

16. Other Information

NFPA Rating (NFPA 704):	Health: 2	Fire: 4	Instability: 0
HMIS Rating:	Health: 2	Fire: 4	Physical Hazard: 0

DATE OF CURRENT REVISION: 06/18/2015

REVISION SUMMARY: Update to OSHA HazCom 2012 GHS format. Changes to all sections.

DATE OF PREVIOUS REVISION: 06/22/2012

DATA SUPPLIED IS FOR USE ONLY IN CONNECTION WITH OCCUPATIONAL SAFETY AND HEALTH