

Spectrum Group  
 Division of United Industries Corp.  
 P. O. Box 142642  
 St. Louis, MO 63114-0642

**Hazardous Material Identification System – (HMIS)**

HEALTH – 1      REACTIVITY – 0

FLAMMABILITY – 2      PERSONAL –

# Material Safety Data Sheet

Complies with OSHA's Hazard Communication Standard, 29 CFR 1910.1200

**I Trade Name:** Hot Shot<sup>®</sup> Roach & Ant Killer<sub>4</sub>

**Product Type:** Aerosol insecticide

**Product Item Number:** 4450,4457      **Formula Code Number:**

**EPA Registration Number**      **Manufacturer**      **Emergency Telephone Numbers**

9688-187-8845	Chemsico Division of United Industries Corporation 8494 Chapin Industrial Drive St. Louis, MO 63114	For Chemical Emergency: 1-800-633-2873 For Information: 1-800-917-5431 Prepared by: Charlie Duckworth Date Prepared: October 25, 2004
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**II Hazards Ingredient/Identity Information**      **III Physical and Chemical Characteristics**

Chemical	%	OSHA PEL	ACGIH TLV	Appearance & Odor:
Mineral spirits CAS# 8012-95-1	4.00	100 ppm	100 ppm	Wet narrow fan spray with clear wet film and glycol ether odor.
Propylene glycol monobutyl ether CAS# 5131-66-8	6.00	None	None	<b>Boiling Point:</b> NA
Lambda-cyhalothrin CAS# 91465-08-6	0.01	NA	2000 mg/kg (skin)	<b>Melting Point:</b> NA
Prallethrin CAS# 23021-36-9	0.025	NE	NE	<b>Vapor Pressure:</b> 110 psig at 54° C/130° F
Hydrocarbon Propellant blend CAS #75-28-5/106-97-8/ 74-98-6	5.00	NE	NE	<b>Specific Gravity:</b> 0.993 (H <sub>2</sub> O = 1)
				<b>Vapor Density:</b> Greater than 1 (Air = 1)
				<b>Solubility in Water:</b> Greater than 87%
				<b>Evaporation Rate:</b> Less than 1 (Butyl Acetate = 1)

**IV Fire and Explosive Hazards Data**      **V Reactivity Data**

<b>Flash Point:</b> 119° F (TCC) (liquid portion) <b>Flame Extension:</b> 0-inches (Level 1 Aerosol) <b>Flammable Limits:</b> NA <b>Autoignition Temperature:</b> NA <b>Fire Extinguishing Media:</b> Water fog, Carbon dioxide, Dry chemical <b>Decomposition Temperature:</b> NA <b>Special Fire-Fighting Procedures:</b> Keep cans cool. Use equipment or shielding to protect personnel against bursting, rupturing or venting cans. <b>Unusual Fire &amp; Explosion Hazards:</b> At elevated temperatures (over 54° C/130° F), cans may vent, rupture or burst. Also see Section V.	<b>Stability:</b> Stable <b>Polymerization:</b> Will not occur <b>Conditions to Avoid:</b> Temperatures over 130° F <b>Incompatible Materials:</b> NA <b>Hazardous Decomposition or Byproducts:</b> Carbon dioxide, carbon monoxide
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**VI Health Hazard Data**      **VII Precautions for Safe Handling and Use**

<b>Skin Contact:</b> Avoid contact with skin and clothing. <i>First Aid:</i> Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a Poison Control Center or doctor for treatment advice. <b>Ingestion:</b> First Aid: Immediately call a Poison Control Center or doctor. Do not induce vomiting unless told to do so by a Poison Control Center or doctor. Do not give any liquid to the person. Do not give anything by mouth to an unconscious person. <b>Special Notes:</b> Have the product container with you when calling a Poison Control Center or doctor, or going for treatment. <b>Health conditions Aggravated by Exposure:</b> None known <b>Ingredients listed by NTP, OSHA, or IARC as Carcinogens or Potential Carcinogens:</b> None	<b>Steps to be Taken in Case Material is Released or Spilled:</b> Avoid breathing vapors. Avoid contact with liquid. Remove ignition sources. Soak up spills with absorbent material. <b>Waste Disposal:</b> Do not puncture or incinerate containers. If empty: Place in trash or offer for recycling if available. If partly filled: Call local solid waste agency or 1-800-CLEANUP for disposal instructions. <b>Handling &amp; Storage Precautions:</b> Do not store where temperatures can exceed 54° C/130° F.
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**VIII Control Measures**      **IX Transportation Data**

Read and follow label directions. They are your best guide to using this product effectively, and give necessary safety precautions to protect your health.	<b>DOT:</b> Consumer Commodity, Hazard Class ORM-D (Limited Quantity Exception) <b>IMDG:</b> Aerosols (Maximum 1 Liter), Hazard Class 2, UN-1950, Packing Group III <b>IATA:</b> Aerosols, Flammable, Containing Substances in Division 6.1, Packing Group III (Each Not Exceeding 1 Liter Capacity), Hazard Class 2.1, UN-1950, Packing Group III
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