### I Trade Name: Spectracide® Ant Shield Home Barrier Insect Killer

**Product Type:** Aerosol insecticide

**Product Item Number:** 51200

**Formula Code Number:** 21-0484

### II Hazards Ingredient/Identity Information

<table>
<thead>
<tr>
<th>Chemical</th>
<th>%</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mineral spirits</td>
<td>4.5</td>
<td>100 ppm</td>
<td>100 ppm</td>
</tr>
<tr>
<td>Pyrethrins</td>
<td>0.1</td>
<td>NA</td>
<td>5 mg/m³</td>
</tr>
<tr>
<td>Permethrin</td>
<td>0.2</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Piperonyl butoxide</td>
<td>0.5</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Hydrocarbon propellant</td>
<td>5.0</td>
<td>NE</td>
<td>NE</td>
</tr>
</tbody>
</table>

**Appearance & Odor:** Fan spray with clear wet film and pyrethroid odor.

**Flashing Point:** 144°F (TCC)

**Boiling Point:** NA

**Melting Point:** NA

**Vapor Pressure:** 110 psig at 54°C/130°F

**Specific Gravity:** 0.95 (H₂O = 1)

**Vapor Density:** Greater than 1 (Air = 1)

**% Volatile (by vol.):** 99%

**Solubility in Water:** Greater than 61%

**Evaporation Rate:** Less than 1 (Butyl Acetate = 1)

### III Physical and Chemical Characteristics

**Stability:** Stable

**Polymerization:** Will not occur

**Conditions to Avoid:** Temperatures over 130°F

**Incompatible Materials:** None

**Hazardous Decomposition or Byproducts:** Carbon dioxide, carbon monoxide

### IV Fire and Explosive Hazards Data

**Flame Extension:** 0-inches (Level 1 Aerosol)

**Decomposition Temperature:** NA

**Special Fire-Fighting Procedures:** Keep cans cool. Use equipment or shielding to protect personnel against bursting, rupturing or venting cans.

**Unusual Fire & Explosion Hazards:** At elevated temperatures (over 54°C/130°F), cans may vent, rupture or burst. Also see Section V.

### VI Health Hazard Data

**Ingestion (Swallowing):** Avoid contamination of feed and foodstuffs.

**Inhalation Toxicity:** Harmful if inhaled. Avoid breathing vapors or spray mist. **First Aid:** Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

**Health conditions Aggravated by Exposure:** None known

**Ingredients listed by NTP, OSHA, or IARC as Carcinogens or Potential Carcinogens:** None

### VII Precautions for Safe Handling and Use

**Steps to be Taken in Case Material is Released or Spilled:** Avoid breathing vapors. Avoid contact with liquid. Remove ignition sources. Soak up spills with absorbent material.

**Waste Disposal:** Do not puncture or incinerate containers. Give empty, leaking or full containers to a facility qualified to dispose of pressurized containers.

**Handling & Storage Precautions:** Do not store where temperatures can exceed 54°C/130°F.

### VIII Control Measures

Read and follow label directions. They are your best guide to using this product effectively, and give necessary safety precautions to protect your health.

### IX Transportation Data

**DOT:** Consumer Commodity, Hazard Class ORM-D (Limited Quantity Exception)

**IMDG:** Aerosols (Maximum 1 Liter), Hazard Class 2, UN-1950, Packing Group III

**IATA:** 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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