



As division of Home Safeguard Industries

**Material Safety Data Sheet**

**Smoke Detector Tester**

**Model No. 25 S, 2.5 oz.**

**Revision:** 4/1/04

**Manufactured for Home Safeguard Industries, LLC at :** Shield Packaging of California, Inc.  
5165 'G' Street  
Chino, CA 91710

**Information Telephone No:** 800-424-9300

**Emergency Telephone No:** 800-424-9300

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**Section 1 - Product Information**

**Product Number:** HOM 32000  
**Company Name:** Home Safeguard Industries, LLC  
**Product Name:** Smoke Detector Tester Model No. 25 S, 2.5 oz.  
**Product Class:** Aerosol Product

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**Section 2 - Hazardous Ingredients**

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<b>Ingredient %</b>	<b>Occupational Exposure Limits</b>		<b>Vapor Pressure mm Hg</b>
	<b>TLV</b>	<b>TWA</b>	
<b>Hydrocarbon Blend</b>			70.0 psig @ 70° F
<b>Propane, 48%</b> (CAS 74-98-6)	1000 ppm		108 psig @ 70° F
<b>Isobutane, 23%</b> (CAS 75-28-5)	800 ppm est.		31 psig @ 70° F
<b>Butane, 29%</b> (CAS 106-97-8)	600 ppm		17 psig @ 70° F

\*\* = Components marked with a double asterisk are present above the De minimus cut off level and subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372. N/A = Not available

### Section 3 - Physical Data

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**Appearance:** Clear, colorless liquid

**Odor:** Sweet Petroleum

**Boiling Range (Aerosol):** -25.1 to +32° F

**Evaporation Rate (Aerosol):** Immediate @ T above -25.1° F

**Vapor Density (Aerosol):** Heavier than air

**% Volatile by Weight (Aerosol):** < 100%

**Weight per Gallon (Aerosol):** 4.5 # / Gal

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### Section 4 - Fire and Explosion Hazard Data

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**Flammability Rating (Aerosol):** 140 (Flammability=4, Health=1, Reactivity=0)  
Extremely Flammable (R12)

**Flashpoint:** (test method) 138° TOC (Test Method) 445° (229° C) ASTM Method D93, Pensky- Martens Closed Tester.

**Auto Ignition Temperature:** 875°

**Extinguishing Media:** Foam, CO2 or Dry Chemical

**Unusual Fire and Explosion Hazards:** Aerosols may burst at temperatures of 120° F. Product is extremely flammable under explosive conditions.

**Fire Fighting Procedures:** Keep aerosols cooled with water and remove them from danger as soon as possible. If aerosols are bursting, stay clear, until bursting is completed. Aerosols can be projectiles when bursting. This product is toxic to fish. Do not allow runoff into lakes, streams, tidal marshes, or estuaries. Isolate from oxidizers, heat, sparks, electric equipment and open flame.

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### Section 5 - Health Hazard Data

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#### Effects of Overexposure

**Eyes:** may cause stinging, tearing, redness, swelling, blurred vision and possible freeze burns.

**Skin:** Liquid can cause severe freeze burns similar to frostbite.

**Inhalation:** Inhalation of vapor may produce anesthetic effects and feeling euphoria. Prolonged over-exposure can cause rapid breathing, headache, dizziness, narcosis, unconsciousness, and death from asphyxiation, depending on concentration and time of exposure.

**Ingestion:** Aspiration hazard!

**Primary Routes of Entry:** Inhalation.

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#### Emergency and First Aid Procedures

**Eyes:** Flush with plenty of water for 15 minutes, get medical attention.

**Skin:** Flush with plenty of water for 15 minutes. If any irritation persists, get medical attention if there is evidence of tissue damage.

**Inhalation:** Harmful by Inhalation (R20). Remove victim to fresh air and provide oxygen if breathing is difficult. Give artificial respiration if victim is not breathing. Keep person warm and quiet. Get medical attention.

**Ingestion:** DO NOT induce vomiting! Get medical attention IMMEDIATELY!

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## Section 6 - Reactivity Data

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**Stability:** Stable

**Hazardous Polymerization:** Will not occur

**Hazardous Decomposition Products:** Thermal decomposition may yield: Carbon Monoxide or Volatile Hydrocarbon Vapors.

**Conditions to Avoid:** Open flame, heat, sparks, electrical equipment or any means which can cause high temperatures at or above 120° F.

**Materials to Avoid:** Strong oxidizing agents or reducing agents, strong acids and bases.

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## Section 7 - Spills or Leaks Procedures

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### Steps to be Taken

Small leaks can be mopped or wiped immediately. Remove materials to out-of-doors or to a source of adequate ventilation and storage. Large leaks should be handled as follows: Evacuate area. Contain liquid; transfer to closed metal containers. Avoid open flames, sparks and heat sources. Keep out of water supplies. Do not apply directly to lakes, streams, tidal marshes, or estuaries. Do not apply when weather conditions favor drift from areas treated. Do not contaminate water by cleaning of equipment or disposal wastes.

### Waste Disposal

Dispose in accordance with local, state and federal regulations.

**Do not puncture or incinerate containers.**

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## Section 8 - Safe Handling and Use Information

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**Respiratory Protection:** Use only with adequate ventilation. Use of protective equipment is necessary if PEL and TLV levels are exceeded. In enclosed spaces use a NIOSH approved organic vapor/mist cartridge respirator or positive-pressure self-contained breathing apparatus.

**Ventilation:** Large opened areas or sufficient mechanical (General and/or Local Exhaust) ventilation to maintain exposure below PEL and TLV levels.

**Protective Equipment:** Gloves, Safety Glasses, respiratory protection, long-sleeve shirt depending on levels and length of exposure.

**Hygienic Practices:** Observe normal hygienic practices. Wash hands after use. Wash clothing before reuse.

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## Section 9 - Special Precautions

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**Handling and Storage:** Product should be kept at temperatures below 120° F in a dry, cool area. Product is extremely flammable. Keep away from heat, sparks, and flame. Use only with adequate ventilation. Avoid breathing of vapor or mist. Wear OSHA standard goggles or face shield. Wear gloves, apron and footwear impervious to this material.

Keep out of the reach of children (S2)

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### Section 10 - Shipping Information

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1. DOT: Carton marked with:

Shipping Name:	Consumer Commodity
Hazard Class:	ORM-D Level 3 Aerosol

2. IMDG (by water overseas)

**Shipping Name: Aerosols**

Class:	2, 5F
UN No.:	1950
Label:	None
IMDG Code:	Page 2102

3. By Air (IATA)

**Shipping Name: Consumer Commodity**

Class:	9
ID No.:	8000
Label:	Miscellaneous Dangerous Goods

**Packaging Instruction: 910**

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