

1. IDENTIFICATION

Product Identifier: CI Shield Invisible Hand Protectant

Product Code: CI-5890

Recommended Use: Protective Hand Barrier Foam

2. HAZARDS IDENTIFICATION

SIGNAL WORD: WARNING

Classification: Gases Under Pressure: Liquefied Gas

Hazard Statement: Contains gas under pressure; may explode if heated.

Precautionary Statements:

- Keep away from heat, sparks, open flames, and hot surfaces. — No smoking.
- Pressurized container: Do not pierce or burn, even after use.
- Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.
- Store in a well-ventilated place.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name: N-Butane | CAS: 106-97-8 | 5-10%

Chemical Name: Propane | CAS: 74-98-6 | 1-5%

4. FIRST-AID MEASURES

Eyes: Immediately flush with water for 15 minutes. Seek medical attention if irritation persists.

Ingestion: Rinse mouth with water. Do not induce vomiting. Seek medical attention if irritation develops.

Inhalation: Move to fresh air. Seek medical attention if breathing difficulty persists.

Skin: First aid is not normally required.

5. FIRE-FIGHTING MEASURES

Extinguishing Media: Carbon dioxide, standard chemical extinguisher, and water fog.

Specific Hazards: Contents under pressure. Exposure to temperatures above 120°F may cause bursting.

Protection: Wear NIOSH approved SCBA. Cool fire-exposed containers with water fog.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Refer to Section 8 for PPE.

Cleanup: Absorb with non-combustible material (vermiculite, sand, or earth). Place in proper containers.

7. HANDLING AND STORAGE

Handling: Keep away from heat and ignition sources. Read label directions before use.

Storage: Store in well-ventilated place. Protect from sunlight. Do not exceed 50°C/122°F.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

N-Butane: ACGIH TLV 1000 ppm.

Propane: OSHA PEL 1000 ppm; ACGIH TLV 1000 ppm.

Protection: Safety glasses should be worn. General ventilation recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	White Foam
Odor:	Orange scent
pH:	8.3 - 9.1
Boiling Point:	> 212°F (100°C)
Relative Density:	0.95 - 1.002
VOC Content:	8%

10. STABILITY AND REACTIVITY

Chemical Stability: Stable.

Incompatibility: Strong acids, strong oxidizing agents.

Conditions to Avoid: Extremes of hot and cold.

11. TOXICOLOGICAL INFORMATION

Routes of Entry: Inhalation, Eyes.

Acute Health Hazards: Eye contact may cause irritation, redness, and tearing.

Chronic Hazards: None known.

Carcinogenicity: Not listed by OSHA, ACGIH, NTP, or IARC.

12. ECOLOGICAL INFORMATION

Biodegradability: Components are not biodegradable.

Bioaccumulation: Not expected to bioaccumulate.

13. DISPOSAL CONSIDERATIONS

Dispose in accordance with federal, state/provincial, and local regulations.

Do not reuse, puncture, or incinerate container.

14. TRANSPORT INFORMATION**UN Number: UN 1950****Proper Shipping Name: Aerosols, Ltd. Qty.****Hazard Class: 2.2 (Non-Flammable)****15. REGULATORY INFORMATION****TSCA Status: All chemicals are listed or exempt.****SARA 311/312: None.****California Proposition 65: None.****16. OTHER INFORMATION****Prepared by: Chem International Technical Department****Revision Date: April 2026**

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