

# MATERIAL SAFETY DATA SHEET

This form complies with OSHA Hazardous Communication Standard, 29 CFR 1910.1200.

## SECTION I

### BREAKTHROUGH<sup>®</sup>

**Manufacturer:**

Inland Technology Incorporated  
401 East 27th Street  
Tacoma, WA 98421

**Supplier:**

ATG Specialty Products Corp.  
10850 NW 21<sup>st</sup> Street  
Suite – 230  
Miami, FL 33172

Product Information: 1-800-552-3100

Transportation Emergencies: 1-800-255-3924

**Date:** April 26, 2013

**MSDS No.** 04104

**Product Number:** FB245

**Synonyms:** N/A

## SECTION II - INGREDIENTS AND HAZARD IDENTIFICATION

Substances NOT considered hazardous by OSHA may also be listed.

COMPONENTS	CAS #	PEL	TLV	OTHER
C12 - C13 Paraffinic Hydrocarbons	64742-48-9	Not Listed	Not Listed	

## SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

**Initial Boiling Point:** 370°F

**Vapor Pressure (@ 20°C mmHg):** 0.1

**Evaporation Rate (n-Butyl Acetate=1):** <.1

**Volatile by Volume:** 100%

**Specific Gravity (H<sub>2</sub>O=1):** .77

**Vapor Density (air=1):** >5

**Solubility:** Not water soluble

**Appearance and Odor:** Clear with mild petroleum odor

## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

**Flash point by:** 150°F PMCC

**Flammable Limits LEL:** 0.8% **UEL:** 7%

**Extinguishing Media:** Foam, water spray, dry chemical, carbon dioxide.

**Special Fire Fighting Procedures:** Use air supplied breathing equipment for enclosed and confined spaces or as otherwise needed.

**Unusual Fire and Explosion Hazards:** None known.

## SECTION V - REACTIVITY DATA

**Chemical Incompatibility:** Avoid contact with strong acids and strong oxidizing agents.

**Hazardous Decomposition Products:** CO<sub>2</sub>, CO, and hydrocarbons

**Hazardous Polymerization:** Will not occur

**Stability:** Stable

# MATERIAL SAFETY DATA SHEET: BREAKTHROUGH®

## Inland Technology Incorporated

Product Information: (800) 552-3100

Transportation Emergencies: (800) 255-3924

### SECTION VI - HEALTH HAZARD DATA

#### **Signs and Symptoms of Overexposure**

**Acute Health Effects:** Liquid contacting the eyes may cause eye irritation. Low order acute oral and dermal toxicity. Inhalation of vapors can cause irritation to nose, throat and upper respiratory tract.

**Chronic Health Effects:** Prolonged or repeated skin exposure can lead to mild irritation, defatting and dermatitis.

**Carcinogenic Ingredients:** None

**Primary Routes of Entry:** Skin, eyes, and inhalation.

**Medical Conditions Aggravated by Exposure:** May aggravate existing dermatitis.

#### **Emergency and First-Aid Procedures:**

**Eyes:** If eye contact occurs flush with water for at least 15 minutes or until irritation subsides. If irritation persists contact physician.

**Skin:** In case of skin contact, remove any contaminated clothing and wash skin thoroughly with soap and water.

**Inhalation:** If overcome by vapor, remove from exposed area and call physician immediately.

**Ingestion:** DO NOT induce vomiting; call physician immediately.

*If conditions persist, get medical attention.*

### SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

**Steps to Take in Case Material is Released:** Shut off and eliminate all ignitable sources. Contain and collect material. Absorb residue.

**Waste Disposal Method:** Contact federal, state, county or local environmental regulatory agencies for guidance.

**Handling and Storage:** Use and store away from heat, sparks, and open flame. Keep container sealed when not in use.

### SECTION VIII - CONTROL MEASURES

#### **Personal Protection Equipment**

**Respirator:** None normally required

**Gloves:** Use chemical-resistant gloves, if needed

**Eye Protection:** Use splash goggles or face shield when eye contact may occur.

**Other Protective Equipment:** None normally required

#### **Workplace Considerations**

**Ventilation:** Ventilation not normally required, unless product is heated, and/or is atomized in a confined space.

**Engineering Controls:** Eye wash or sterile eye rinse. Keep container closed. Do not store near heat or flame.

**Work Practices:** Read and understand all cautions, labels, and MSDS before using this product.

**Hygiene Practices:** Minimize breathing vapor or mist. Avoid prolonged or repeated contact with skin. Wash contaminated clothing before reuse.

#### **Keep All Chemicals Out of the Reach of Children**

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