



AI TECHNOLOGY INC
 70 Washington Road
 Princeton Jct., NJ 08550
 (609) 799-9388 fax (609) 799-9308
 E-Mail: ait@aitechnology.com
 Internet: <http://www.aitechnology.com>

EMERGENCY PHONE: 1-800-424-9300

1) PRODUCT IDENTIFICATION

Product: BGL7060 **Product Type:** Insta Melt-Bond
Product Description: Liquid wax
Recommendation On Use: Acid etching, Ease of heat bonging and release
General Use: Backgrinding
Restriction On Use: Intended for designated use only

2) HAZARD IDENTIFICATION

WHMIS Classification: D2B Toxic material causing other effects. Slight skin irritant. B3 Combustible liquid
GHS Classification: Flammable liquids (Category 4) Skin Irritation (Category 2) Serious eye damage (Category 1)
Signal Word: Danger



GHS Label elements: H315 Skin irritation. P280 Wear protective gloves, eye and face protection. P305+P351+P338 If in eyes rinse cautiously with water for several minutes. Remove contact lense, if present and easy to do so. Continue rinsing. P261 Avoid breathing dust, fu

Precautionary Statement: For industrial use only
Physical Appearance: Liquid
Immediate Concerns: Highly flammable liquid (see MSDS for isopropanol)

Primary Route Entry: Eye, Skin and Inhalation(see MSDS for isopropanol)
Medical Conditions Aggravated: Pre-existing skin and eye disorders may be aggravated by exposure to isopropanol (see MSDS for isopropanol)

Potential Health Effects:
Eyes: Can cause eye damage (see SDS for isopropanol)
Skin: Absorption through skin (see MSDS for isopropanol)
Ingestion: Harmful if swallowed (see SDS for isopropanol)
Inhalation: Can cause irritation in throat and lungs (see MSDS for isopropanol)

Signs and Symptoms of Overexposure:
Eyes: Irritation, watering and redness can result in burning.
Skin: Wash with soap and water
Ingestion: None under normal use
Inhalation: None under normal use

Acute Toxicity: None under normal use
Chronic Exposure: None under normal use
Carcinogenicity: Not classifiable as a carcinogen
Mutagenicity: Not considered to be mutagenic
Reproductive Effects: Not determined (see MSDS for isopropanol)
Teratogenic Effects: None under normal use
Target Organ Stament: Not Determined (see MSDS for isopropanol)
Sensitization:

3) COMPOSITION / INFORMATION ON INGREDIENTS

MATERIAL:	CAS NO	%
Wax	Proprietary	20-80
Isopropanol	67-63-0	30-40

Note 1: Isopropyl alcohol is a highly flammable organic liquid, flash point - 7 deg C. Always wear protective gears - safety glasses or goggles, gloves, and fire resistant clothing. Handle chemicals in a well ventilated area and away from any ignition

4) FIRST AID MEASURES

First Aid Eye: Immediately flush eyes with eyewash solution or clean water holding the eyelids apart for 15 minutes. If symptoms develop, seek medical attention.
First Aid Skin: Use normal first aid
First Aid Inhale: Move to fresh air and keep at rest. Seek medical attention if symptoms develop
First Aid Ingest: None under normal use
Physician Note:
Acute Symptoms: Seek medical treatment
Delayed Symptoms: Seek medical treatment

5) FIRE FIGHTING MEASURES

Flammable Class: 3 **Flame Propagation or Burning Rate of Solids:** Not Determined.
General Hazard: Highly flammable organic liquid (please see SDS for isopropyl alcohol)
Extinguish Media: Carbon dioxide, foam, or dry chemical. Water spray
Hazardous Combustion Products: May contains hazardous combustion products. Please refer to MSDS information for isopropyl alcohol.
Fire Fighting Procedures: Use self-contained breathing apparatus; decomposition and combustion products may be toxic.
Unsuitable Firefighting Equipment: Self-contained breathing apparatus and full protective clothing should be worn. Avoid inhalation of material or combustion by-products.
Suitable Firefighting Equipment: Not determined

Sensitive to Static Discharge No

Sensitive to Impact: No

6) ACCIDENTAL RELEASE MEASURES

Small Spill: Cover with sand and place in waste containers for proper disposal.

Large Spill: Contain spill and place in waste containers for proper disposal

Water Spill: Contain spill and use correct equipment to remove from water

Land Spill: Contain spill and place in waste containers for proper disposal

General Procedures:

Use the necessary tools and protective equipment for the situation.

Release Notes:

Wear protective gears to prevent contact with skin and eyes. Use non-sparking tools.

7) HANDLING AND STORAGE

Handling:

Personal protective equipment should be worn based on the task being performed

Storage:

Room temperature. Do not expose to elevated temperature.

8) EXPOSURE CONTROLS / PERSONAL PROTECTION

PPE Eye and Face: Personal protective equipment should be worn based on the task being performed. Goggles, a safety shower and eye wash station should be available.

PPE Skin: Use latex gloves

Engineering Controls: Keep away from ignition sources

OSHA PEL

TWA 400 ppm

ACGIH TLV

None Established

EINECS

PPE Respiratory: Not normally required. Airborne concentrations should be kept to lowest levels possible. If vapor, mist or dust is generated and the occupational exposure limit of the product, or any component of the product, is exceeded, use appropriate NIOSH or MSHA approved respirator as appropriate.

PPE Ventilation: Local exhaust ventilation is recommended if generating vapor, dust or mist. If exhaust ventilation is not available or inadequate, use MSHA or NIOSH approved respirator as appropriate.

PPE Other: Personal protective equipment should be worn based on the task being performed

Work Hygienic Practices: Local exhaust ventilation is recommended if generating vapor, dust or mist. If exhaust ventilation is not available or inadequate, use MSHA or NIOSH approved respirator as appropriate.

9) PHYSICAL AND CHEMICAL PROPERTIES

Flashpoint and Method: Please see isopropanol MSDS

Lower Flammable Limits: Please see isopropanol MSDS

Upper Flammable Limits: Please see isopropanol MSDS

Physical State: Liquid

Autoignition Temperature: Not Determined

Odor: None

Color: Yellowish

Odor Threshold: Not Determined

Vapor Pressure: Not Applicable

pH: Not tested

Vapor Density: Not Applicable

Freezing Point: Not Determined

Boiling Point: Not Applicable

Solubility in Water: None

Melting Point: Not determined

Density: Not Tested

Evaporation Rate: None

Viscosity: 8,000 cp

Specific Gravity: <1

Coeff. Oil/Water: Not Determined.

Molecular Weight: Not Determined.

Appearance: Yellowish liquid

10) STABILITY AND REACTIVITY

Hazardous Polymerization: Stable under normal conditions of storage and use

Chemical Stability: Instable when exposed to high temperature

Polymerization: Will not polymerize.

Conditions to Avoid: Excessive heat. Do not store near heat or flame

Hazardous Decomposition Products:

Under normal conditions of storage and use, hazardous decomposition products should not be produced

Incompatibility Materials:

Not determined

11) TOXICOLOGICAL INFORMATION

Acute:

Eyes: **Dermal LD50:** Not Determined **Oral LD50:** Not Determined **Inhalation LC50:** Not Determined

Eye Effects: May cause irritation to the eyes

Skin Effects: Minor irritation

Carcinogenicity:

IARC: No ingredients listed as human carcinogens. **NTP:** No ingredients listed as human carcinogens. **OSHA:** Consistent with (29 CFR 1910 . 1200).

Sensitization: May cause sensitization by skin contact

Reproductive Effects: No known significant effects to critical hazards

TARGET ORGANS:

Eyes: Slight Irritant **Skin:** Slight Irritant **Gastrointestinal:** Not tested **Respiratory System:** Not tested

Teratogenic Effects: May cause sensitization by skin contact

Mutagenicity: None

12) ECOLOGICAL INFORMATION

Ecotoxicity: Do not discharge into sewer or waterways

Mobility in Soil: Not Determined

Persistence and Degradability: Avoid runoff into storm sewers and ditches that lead to waterways. Water runoff can cause environmental damage.

Bioaccumulative Potential: No known significant effects or critical hazards

13) DISPOSAL CONSIDERATIONS

Disposal Method: Dispose of in an approved landfill.

For Large Spills: Disposal of this product should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Flush with water to remove any trace residue.

Product Disposal: Dispose in accordance with federal, state and local regulations.

Empty Container: Disposal of this product should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements

14) TRANSPORT INFORMATION

Road and Rail (ADR/RID)

Transport Information:

See SDS for isopropanol

Kemler Number:

See SDS for isopropanol

Hazard Class:

Highly flammable solvent shipped with vermiculite

Air (CIAO/IATA)

Shipping Name: See SDS for isopropanol

Technical Name: See SDS for isopropanol

UN Number: See SDS for isopropanol

Primary Hazard Class: Flammable

Packing Group: See SDS for isopropanol

Label: N/A

Vessel (IMO/IMDG)

Shipping Name: See SDS for isopropanol

Technical Name: See SDS for isopropanol

UN Shipping Name: See SDS for isopropanol

Primary Hazard Class: Flammable

Packing Group: See SDS for isopropanol

Label: N/A.

15) REGULATORY INFORMATION

TCSA: Not Determined

Skin: Not Determined

Gastrointestinal: Not Determined

Respiratory System: Not Determined

16) OTHER INFORMATION

HMIS Health Rating (1-4): 1

HMIS Flammability Rating (1-4): 3

HMIS Physical Hazard Rating (1-4): 2

Long Term Health Effects (Y/N): N

Note: All ingredients in this product are on the Toxic Substances Control Act (TSCA) inventory or are not required to be listed.

No ingredient in this product is known to be carcinogenic.

Ingredients listed on the New Jersey "RIGHT TO KNOW" substance list: None

This product is compliant to RoHS & REACH and does not contain any Substances of Very High Concern

Section X: HMIG RATING: Health- 1 Flammability - 2, Reactivity- 0, Protective Equipment- G

Version: C- 3/27/2017