



**LONE MAGNOLIA TECHNOLOGY™**  
Environmental Protection Products

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## **SAFETY DATA SHEET**

**Flame Block 2.0 1K**  
**Single Component**  
**Revised June 17, 2015**

### **1. IDENTIFICATION**

Product Identifier used on label:  
**Flame Block 2.0 1K**

#### **Details of supplier of the Safety Data Sheet**

Company:  
Lone Magnolia Technology™  
832-330-7078

**Emergency telephone number**  
CHEMTREC: 800-424-9300

### **2. HAZARDS IDENTIFICATION**

**GHS Classification**  
Not Classified

**Label Elements**  
Pictogram:



**Signal Word:**  
Warning

#### **Hazard Statements**

H302	Harmful if swallowed
H319	Causes serious eye irritation

#### **Precautionary Statements (Prevention)**

P264	Wash exposed skin thoroughly after handling
P270	Do not eat, drink or smoke when using this product
P280	Wear protective gloves/clothing and eye/face protection.

#### **Precautionary Statements (Response)**

P330	Call a POISON CENTER or doctor/physician if you feel unwell
P301 + P312	IF SWALLOWED: Call POISON CENTER or doctor/physician if you feel unwell
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P337 + P313	Get medical advice/attention

**Precautionary Statements (Disposal)**

P501 Dispose of contents/container to hazardous or special waste collection point

**Hazards not otherwise classified**

No specific dangers known, if the regulations/notes for storage and handling are considered

**3. COMPOSITION /INFORMATION ON INGREDIENTS**

<u>Component</u>	<u>%</u>	<u>CAS#</u>
Acrylic Resin	50-100	Trade Secret
Melamine	20-40	35832-09-8
Melamine Phosphate	10-30	20208-95-1
Ammonium Phosphate	5-15	68333-79-9

**4. IDENTIFICATION OF THE SUBSTANCE OR MIXTURE AND OF THE SUPPLIER**

Move exposed person to fresh air. If breathing is labored, oxygen should be administered by qualified personnel.

In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention immediately.

After contact with skin, wash immediately with plenty of warm, soapy water. Remove contaminated clothing and shoes. Continue to rinse for at least 10 minutes. Wash clothing before reuse. Clean shoes thoroughly before reuse.

Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Provided the patient is conscious, wash out mouth with water. Get medical attention if symptoms appear.

**5. FIRE FIGHTING MEASURES**

**Extinguishing Media:** Water, Foam, CO2 or dry powder.

**Caution:**

Heating or fire can release toxic gas.

**Hazardous decomposition products:**

Combustion products may include: carbon monoxide, carbon dioxide, nitrogen oxides, and hydrocarbons.

**Special protective actions for fire-fighters:**

Promptly isolate the scene by removing all persons from the vicinity of the incident, if there is a fire. No action shall be taken involving any personal risk or without suitable training.

**Special protective equipment for fire-fighters:**

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. PVC boots, gloves, safety helmet and protective clothing should be worn.

**6. ACCIDENTAL RELEASE MEASURES**

No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Do not breathe vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment (see Section 8).

Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

## 7. HANDLING AND STORAGE

Put on appropriate personal protective equipment (see Section 8). Eating, drinking and smoking should be prohibited in areas where material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. Do not get into eyes.

Do not breathe vapor or mist. Do not ingest. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and may be hazardous.

Material is to be stored in accordance with local regulations. Store in original container protected from direct sunlight in a dry and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers.

Use appropriate containment to avoid environmental contamination.

Unsuitable containers: Do not store in containers made of copper, copper alloys or galvanized surfaces.

## 8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

**Engineering Controls:** Use only with adequate ventilation. If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. Smell is not an adequate indicator of hazard.

**Ventilation:** Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

**Protective Gear:** In case of inadequate ventilation, wear respiratory protection. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

Chemical-resistant, impervious gloves complying with an approved standard should be worn at all time when handling chemical products if a risk assessment indicates this is necessary.

Safety eyewear complying with an approved standard should be used when a risk assessment indicate this is necessary to avoid exposure to liquid splashes, mists or dusts.

Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Color: As Specified (Naturally White)

Appearance: liquid  
Odor: slight  
Boiling Point: 60 - 100 °C 140 - 212 °F  
Melting Point: Not applicable  
Vapor Pressure: Similar to water  
Specific Gravity/Density: 1.09 g/cm<sup>3</sup> DIN EN ISO 2811-2 @ 20 °C  
Vapor Density: Similar to water  
Percent Volatile (% by wt.): 41 - 45  
pH: Not available  
Saturation In Air (% By Vol.): Not available  
Evaporation Rate: Not available  
Solubility In Water: miscible  
Volatile Organic Content: 0 %  
Flash Point: >94 °C 201.2 °F ASTM D 6450  
Flammable Limits (% By Vol): Not available  
Decomposition Temperature: Not available  
Viscosity (Kinematic): Not available

## 10. STABILITY AND REACTIVITY

**Chemical Stability:** Stable at room temperature. No specific test data related to reactivity is available for this product or its ingredients.

**Hazardous reactions:** None known. Stable under normal conditions.

## 11. TOXICOLOGICAL INFORMATION

### LOCAL EFFECTS ON SKIN AND EYE

Acute Irritation dermal not irritating Acute Irritation eye not irritating

### ALLERGIC SENSITIZATION

Sensitization skin No data Sensitization respiratory No data

### GENOTOXICITY

Assays for Gene Mutations Ames Salmonella Assay No data

### SPECIFIC TARGET ORGAN TOXICITY

Specific target organ toxicity (single exposure):  
No data Specific target organ toxicity (repeated exposure): No data

### OTHER INFORMATION

The product toxicity information above has been estimated.

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

This product is not expected to cause significant effects in the aquatic environment.

### Persistence and Degradability

No data available

### Bioaccumulative Potential

No data available

### Mobility in Soil

No data available

**Other Adverse Effects**

No data available

**13. DISPOSAL CONSIDERATION (INCLUDING CONTAINER)**

**RESIDUAL WASTE**

Chemical additions, processing or otherwise altering this material may make the waste management information presented in this MSDS incomplete, inaccurate or otherwise inappropriate. Please be advised that state and local requirements for waste disposal may be more restrictive or otherwise different from Federal laws and regulations. Consult state and local regulations regarding the proper disposal of this material.

**CONTAMINATED VESSELS AND CONTAINERS**

Rinse containers before disposal. Do not allow entering the water systems. EPA Hazardous Waste = No

**14. TRANSPORT AND INFORMATION**

**Land Transport**

US DOT

Not Regulated

**Sea Transport**

IMDG

Not Regulated

**Air Transport**

IATA/ICAO

Not Regulated

**15. REGULATORY INFORMATION:**

Inventory Status:

US (TSCA): Yes

Canada (DSL): Yes

EU (REACH): Registered

Australia (AICS): Yes

Japan (METI): Yes

Korea (KECL): Yes

Where: Yes = all ingredients are listed on the inventory, Exempt = All ingredients are either on the inventory or exempt from the requirements of listing, No = Not determined, or one or more ingredients are not on the inventory and are not exempt from listing

SARA Title III Hazard Classes: Fire Hazard: No

Reactive Hazard: No

Release of Pressure: No

Acute Health Hazard: Yes

Chronic Health Hazard: Yes

SARA Extremely Hazardous Substances/CERCLA Hazardous Substances: No

**16. OTHER INFORMATION**

Disclaimer/Statement of Liability:

The data in this Safety Data Sheet is offered for your consideration, investigation and verification. The data is presented in good faith and was obtained from sources Lone Magnolia Technology™ Inc. believes to be reliable. Lone Magnolia Technology™ Inc. however, makes no representation as to the completeness or accuracy. Lone Magnolia Technology™ Inc.

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**END OF SAFETY DATA SHEET**