



# MATERIAL SAFETY DATA SHEET

PRODUCT NAME: MAXIM ADVANCED

CP04

NFPA/HMIS: Health 1  
Flammability 0  
Reactivity 0

MATERIAL SAFETY DATA SHEET U.S. DEPARTMENT OF LABOR  
COMPLIES WITH USDL SAFETY AND HEALTH REGULATIONS 29CFR1910.1200

## SECTION 1 COMPANY AND PRODUCT IDENTIFICATION

PRODUCT NAME: Maxim Advanced

### MANUFACTURER:

Bridgepoint Systems  
542 W. Confluence Avenue  
Salt Lake City, UT 84123  
Telephone: 801-261-1282  
June 26, 2007

EMERGENCIES: (800) 535-5053 (Infotrac)

## SECTION 2 COMPOSITION/INFORMATION ON INGREDIENTS

### Components

Material	CAS Number	%
Water	7732-18-5	94-98.5
Acrylic Copolymer		.5-2.25
Partially Fluorinated Urethane Polymer		0.25-1.5
Phenolic Resin Condensate		.5-1.5

## SECTION 3 HAZARDS IDENTIFICATION

### Potential Health Effects

Skin contact may cause mild skin irritation with discomfort or rash.

Eye contact may cause eye irritation with discomfort, tearing or blurring of vision.

Inhalation may cause irritation of the nose and throat with sneezing, sore throat, or runny nose.

Inhalation of respirable particles may cause lung irritation effects with cough, discomfort, difficulty breathing, and shortness of breath; or pulmonary edema (body fluid in the lungs). Symptoms may be modest initially, followed in hours by severe shortness of breath requiring prompt medical attention.

None of the components present in this material at concentrations equal to or greater than 0.1% are listed by IARC, NTP, OSHA or ACGIH as a carcinogen.

#### **SECTION 4 FIRST AID MEASURES**

##### First Aid

###### INHALATION

If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician.

###### SKIN CONTACT

Flush skin with water after contact. Wash contaminated clothing before reuse.

###### EYE CONTACT

In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Call a physician.

###### INGESTION

If swallowed, do not induce vomiting. Immediately give 2 glasses of water. Never give anything by mouth to an unconscious person. Call a physician.

##### Notes to Physicians

Activated charcoal mixture may be administered. To prepare activated charcoal mixture, suspend 50 grams activated charcoal in 400 mL water and mix thoroughly. Administer 5 mL/kg, or 350 mL for an average adult.

#### **SECTION 5 FIRE FIGHTING MEASURES**

##### Flammable Properties

Hazardous decomposition products including carbon dioxide, carbon monoxide, hydrogen fluoride, toxic gases or particles may be formed during combustion. These products may cause severe eye, nose, and throat irritation or toxic effects.

##### Extinguishing Media

Use media appropriate for surrounding material.

##### Fire Fighting Instructions

Keep personnel removed and upwind of fire. Wear self-contained breathing apparatus. Wear full protective equipment.

#### **SECTION 6 ACCIDENTAL RELEASE MEASURES**

NOTE: Review FIRE FIGHTING MEASURES and HANDLING (PERSONNEL) sections before proceeding with clean-up. Use appropriate PERSONAL PROTECTIVE EQUIPMENT during clean-up.

#### Accidental Release Measures

Prevent liquid from entering storm sewers, waterways or low areas. Soak up with sawdust, sand, oil dry or other absorbent material. Shovel or sweep up. Place in container for disposal.

## **SECTION 7 HANDLING AND STORAGE**

### ----- Handling (Personnel)

Avoid contact with eyes, skin, or clothing. Wash thoroughly after handling.

### Handling (Physical Aspects)

Avoid circumstances that produce respirable particles unless suitable ventilation and respirator are used.

### Storage

Keep container tightly closed. Keep from freezing.

## **SECTION 8 EXPOSURE CONTROLS/**

### ----- Engineering Controls

Use only with adequate ventilation.

Vent dryer fumes outside work area. Do not aerosolize. In spray applications, use airless type pressure spray equipment at less than 60 psi and exhaust ducts, drip pans, or other design features to minimize worker exposure to mists and overspray.

### Personal Protective Equipment

#### EYE/FACE

Wear coverall chemical splash goggles.

#### RESPIRATORS

Wear NIOSH approved respiratory protection, as appropriate. PROTECTIVE CLOTHING

Where there is potential for skin contact have available and wear as appropriate impervious gloves, apron, pants, and jacket.

### Exposure Limits

#### Maxim Advanced

PEL (OSHA) : None Established

TLV (ACGIH) : None Established

### Exposure Guideline Comments

No AEL has been established for this product. Other products with fluorinated material components have an AEL of 0.1 mg/m<sup>3</sup> to 1 mg/m<sup>3</sup> (8 hour TWA) for respirable size aerosol particles.

Air monitoring studies conducted at customer sites indicates that the use of the recommended low pressure (less than 60 psi) airless type, garden type or deck specific hand pump sprayer with spray tip orifice minimum of 0.031 inches in diameter does not produce respirable size aerosol particle concentrations near the AEL.

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## **SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES**

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### Physical Data

Boiling Point	: 100 C (212 F)
% Volatiles	: 85 WT%
Solubility in Water	: 100 %
pH	: 4-6
Form	: Opaque Liquid
Color	: Tan
Specific Gravity	: 1.15 @ 20C (68F)
Density	: 8.6 lb/gal @ 25 C (77 F)

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## **SECTION 10 STABILITY AND REACTIVITY**

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### Chemical Stability

Stable at normal temperatures and storage conditions. Incompatibility with Other

### Materials

Incompatible with cationics and mineral acids. Decomposition

Hazardous decomposition products including carbon dioxide, carbon monoxide, hydrogen fluoride, toxic gases or particles may be formed during combustion. These products may cause severe eye, nose, and throat irritation or toxic effects.

### Polymerization

Polymerization will not occur.

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## **SECTION 11 TOXICOLOGICAL INFORMATION**

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### Animal Data

Partially Fluorinated Urethane Polymer

Inhalation 4 hour ALC: 590 mg/m<sup>3</sup> in rats Oral ALD :  
>11,000 mg/kg in rats

Partially Fluorinated Urethane Polymer is a moderate eye irritant and is not a skin irritant in animals. It low oral toxicity.

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## **SECTION 12 DISPOSAL CONSIDERATIONS**

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### Waste Disposal

Treatment, storage, transportation, and disposal must be in accordance with applicable Federal, State/Provincial, and Local regulations. Do not burn.

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## **SECTION 13 TRANSPORTATION INFORMATION**

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### Shipping Information

DOT/IMO

Proper Shipping Name : Not Regulated

## **SECTION 14 REGULATORY INFORMATION**

U.S. Federal Regulations

TSCA Inventory Status : Reported/Included. TITLE III HAZARD

CLASSIFICATIONS SECTIONS 311, 312

Acute	: Yes
Chronic	: No
Fire	: No
Reactivity	: No
Pressure	: No

## **SECTION 15 OTHER INFORMATION**

NFPA, NPCA-HMIS

NPCA-HMIS Rating

Health	: 1
Flammability	: 0
Reactivity	: 0

Personal Protection rating to be supplied by user depending on use conditions.

The data in this Material Safety Data Sheet relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process.