

**MATERIAL
SAFETY
DATA SHEET**

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SECTION I - PRODUCT IDENTIFICATION

PRODUCT NAME: AMALGAMBOND HPA POWDER **STOCK NO:** S376
DOT HAZARD LABEL: None **UN NUMBER:** None
PROPER SHIPPING NAME: None **DATE PREPARED:** 01/03/06
NFPA CODES: HEALTH - 0 FLAMMABILITY - 0 REACTIVITY - 0

SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

| <u>HAZARDOUS COMPONENTS</u> | <u>CAS NUMBER</u> | <u>PEL</u> | <u>TLV</u> | <u>%</u> |
|-----------------------------|-------------------|------------|------------|----------|
| Poly methyl methacrylate | 9011-14-7 | NA | NA | |

SECTION III - PHYSICAL & CHEMICAL CHARACTERISTICS

BOILING POINT: NA **SPECIFIC GRAVITY (H₂O = 1):** 1.19
VAPOR PRESSURE: NA **PERCENT VOLATILES:** NA
VAPOR DENSITY (Air = 1): NA **EVAPORATION RATE (Butyl Acetate = 1):** NA
APPEARANCE AND ODOR: Fine beige powder. Faint odor in bulk.

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (TCC): NA **FLAMMABLE LIMIT (air, % by vol.)** **UPPER:** NA **LOWER:** NA

EXTINGUISHER MEDIA: Water fog, foam, dry chemical, carbon dioxide.

SPECIAL FIRE FIGHTING PROCEDURES: During emergency conditions, overexposure to thermal decomposition products may cause health hazard. Self-contained breathing apparatus should be worn.

UNUSUAL FIRE & EXPLOSION HAZARDS: Polymer dust is combustible. The explosive limits of the polymer particles suspended in air are approximately those of coal dust. Firefighters should wear self-contained breathing apparatus.

SECTION V - REACTIVITY DATA (PHYSICAL HAZARDS)

STABILITY: STABLE UNSTABLE

CONDITIONS TO AVOID: Heating above 300 °C

INCOMPATIBILITY (Materials to avoid): None

HAZARDOUS DECOMPOSITION PRODUCTS: Toxic gases and vapors (such as carbon dioxide and carbon monoxide) may be released in a fire.

HAZARDOUS POLYMERIZATION: MAY OCCUR WILL NOT OCCUR
CONDITIONS TO AVOID: None

MATERIAL SAFETY DATA SHEET (continued)

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SECTION VI - HEALTH HAZARD DATA

PRIMARY ROUTE(S) OF ENTRY: EYES SKIN INHALATION INGESTION

HEALTH HAZARDS (Acute & Chronic): OSHA classifies this material as Particulate, Not Otherwise Classified. Eyes, Skin and Respiratory Tract may be irritated by gross overexposure to Particulate, Not Otherwise Classified, no matter how they are generated. Avoid inhalation of dust. Keep dust out of eyes to prevent possible irritation.

SIGNS & SYMPTOMS OF EXPOSURE: NA

CARCINOGENECITY: NTP? IARC MONOGRAPHS? OSHA?

EMERGENCY AND FIRST AID PROCEDURES:

INHALATION: Remove to fresh air. Get medical help if discomfort persists.

EYES: Immediately flush for 15 minutes with copious amounts of water, including under eyelids. If redness, itching or a burning sensation develops, have eyes examined and treated by medical personnel.

SKIN: Wash material off the skin with water.

INGESTION: Physiologically inert. Rinse mouth out with water. No treatment required.

SECTION VII - SPECIAL PRECAUTIONS AND SPILL OR LEAK PROCEDURES

PRECAUTIONS TO BE TAKEN IN HANDLING & STORAGE: Store in cool, dry place. Keep container closed to prevent water absorption and contamination.

OTHER PRECAUTIONS: NA

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Sweep up to avoid slipping hazard. Keep airborne particulate at a minimum when cleaning up spills.

WASTE DISPOSAL METHODS (Consult federal, state, and local regulations): May be disposed of in landfill or incinerated. Follow Federal, State, and Local regulations for disposal.

SECTION VII - SPECIAL PROTECTION INFORMATION/CONTROL MEASURES

RESPIRATORY PROTECTION: Nuisance dust type if needed.

VENTILATION: None normally needed.

PROTECTIVE GLOVES: None normally needed.

EYE PROTECTION: Use safety glasses or goggles.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: None.

WORK/HYGIENIC PRACTICES: Wash hands before eating, drinking or smoking.

The information accumulated herein is believed to be accurate but is not warranted to be whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances.