

# MATERIAL SAFETY DATA SHEET

## Bastech AN-33 (Emulsion polymer)

Revision date: 9-19-2011

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### 1.) COMPANY IDENTIFICATION:

**BASTECH, LLC**  
3211 Powers Avenue  
Jacksonville, FL 32207

**EMERGENCY PHONE NUMBER: 904-737-1722**

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### 2.) COMPOSITION / INFORMATION ON HAZARDOUS INGREDIENTS:

<u>Ingredient name</u>	<u>CAS#</u>	<u>Hazard</u>	<u>PEL</u>
Mineral oil	64742-65-0	Mist (If generated)	5 mg/m <sup>3</sup>

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### 3.) HAZARDS IDENTIFICATION:

Physical Appearance and Odor: White viscous liquid with petroleum odor.

Emergency overview: Not hazardous.

Potential health effects:

Acute eye: May cause slight eye irritation.

Acute skin: May cause slight skin irritation, but no significant effect.

Acute inhalation: Inhalation is not applicable. No special treatment is required.

Acute ingestion: Low acute oral toxicity.

Chronic effects: This product does not contain any ingredient designated by IARC, NTP, ACGIH, or OSHA as a probably or suspected human carcinogen.

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#### **4.) FIRST AID MEASURES:**

Eye: Hold eyelids open and flush with a steady, gentle stream of water for at least 15 minutes.

Skin: Wash affected areas with soap and water. If irritation develops, seek medical attention. Clean contaminated clothing and shoes before re-use.

Inhalation: Inhalation is not an expected route of exposure. If respiratory irritation or distress occurs remove victim to fresh air. Seek medical attention if distress or irritation continues.

Ingestion: Rinse mouth with water. Do not induce vomiting. Never induce vomiting or give anything by mouth to an unconscious person.

General advice: Treat symptomatically.

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#### **5.) FIRE FIGHTING MEASURES:**

Flash point: >200 ° F (PMCC)

Flammability classification: Dried film can burn.

Extinguishing media: Use dry chemical, foam or carbon dioxide.

Fire fighting equipment and special procedures: Firefighters should wear Self Contained Breathing Apparatus when fighting oil or chemical fires.

Hazardous decomposition products: Oxides of carbon and silicon.

NFPA Hazard codes: Health 1; Flammability 1; Reactivity 0.

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#### **6.) ACCIDENTAL RELEASE:**

Personal protective equipment: Wear appropriate protective gear for the situation. See Personal Protection information in Section 8.

Spill and clean up procedures: Do not flush with water. Absorb spill with an inert material (i.e. vermiculite). Sweep or scoop into containers for disposal.

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#### **7.) HANDLING AND STORAGE:**

Handling: Do not get on skin or in eyes. Do not breathe vapors or mists. As with all chemicals, good industrial hygiene practices should be followed.

Storage: Store in a tightly closed container. Store this product in an area that is dry and well-ventilated. Keep from freezing.

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## **8.) EXPOSURE CONTROLS:**

Exposure limits: None established

Eye protection: Safety glasses. Wear face shield if splashing is possible.

Skin protection: Skin contact with this material should be minimized through the use of impervious gloves. Butyl rubber or neoprene is acceptable.

Respiratory protection: Good general ventilation should be sufficient to control airborne levels.

Other protective equipment and work practices: Eye wash fountain and emergency showers are recommended.

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## **9.) PHYSICAL AND CHEMICAL PROPERTIES:**

Appearance: White, viscous liquid

Odor: Petroleum

Melting point: ~32°F

Boiling point: 212°F (initial)

Flash point: >300°F (PMCC)

Solubility in water: Dispersible

Density @ 75-85°F: 8.67 ppg

Evaporation rate: >1.0

Viscosity: 600-1800 cps @ 75-85°F

pH: Not applicable

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## **10.) STABILITY AND REACTIVITY:**

Chemical stability: This material is stable under normal handling and storage conditions.

Substances to avoid: Avoid strong oxidizers.

Hazardous decomposition products: Oxides of carbon and nitrogen.

Hazardous polymerization: Will not occur.

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## **11.) TOXICOLOGICAL INFORMATION:**

Acute toxicity: LD50 (Oral/Rat) = >5000 mg/Kg

LC 50 / 96 hours (fish) >100 mg/l (OECD 203)

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## **12.) ECOLOGICAL INFORMATION:**

At natural pHs the polymer degrades due to hydrolysis to more than 70% in 28 days.

Federal water pollution control act, clean water act: This product contains petroleum hydrocarbon which is considered hazardous if spilled in navigable waters. Reportable quantity is: Film or sheen upon or discoloration of the water surface or adjoining shoreline.

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## **13.) DISPOSAL CONSIDERATIONS:**

Waste disposal: Dispose of in accordance with national, state, and local regulations.

Container disposal: Dispose of in a licensed facility. Recommend crushing or other means to prevent unauthorized use of empty containers.

RCRA Hazard class (40 CFR 261): Not regulated

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## **14.) TRANSPORTATION INFORMATION:**

US Department of Transportation shipping name: Not regulated

Hazard class: None

Packing group: None

ID number: None

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## 15.) REGULATORY INFORMATION:

### Inventory status:

US / TSCA	Yes
Canada / DSL	Yes

### SARA hazard categories:

Section 311/312: This does not contain chemicals subject to 311/312 reporting.

Section 313: This does not contain chemicals subject to 313 reporting.

### State regulations:

CA Prop. 65: This product does not contain components that are regulated by California Proposition 65.

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## 16.) OTHER:

### HMIS rating:

Health: 1	Flammability: 1	Reactivity: 0
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### Disclaimer:

The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate