



## Material Safety Data Sheet

### Section 1 – Company and Product Information

<b>Manufactured for:</b> DEMILEC (USA) LLC® 2925 Galleria Drive Arlington, TX 76011 Phone: (817) 640-4900 Toll Free: (877) 336-4532 (DEMILEC) Fax: (817) 633-2100 E-mail: Info@DemilecUSA.com www.DemilecUSA.com	<b>Product Information:</b> Trade Name: BLAZELOK™ IB4 Chemical Name: Intumescent Coating T.D.G. Classification: Non-Regulated WHMIS Classification: Non-Controlled
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### Section 2 – Hazardous Ingredients/SARA III Information

No reportable quantities of hazardous ingredients are present. No toxic chemical(s) subject to the reporting requirements of section 313 of title III and of 40 CFR 372 are present.

### Section 3 – Physical Chemical Characteristics

<b>Appearance &amp; Odor:</b>	N/A
<b>Boiling Point:</b>	N/A
<b>Evaporation Rate:</b>	Slower than butyl acetate
<b>Density:</b>	1.3
<b>Vapor Density :</b>	Heavier than air
<b>VOC:</b>	Below 50g/l
<b>WPG (H20=8.33):</b>	10.5-10.8 lb/gal

### Section 4 – Fire and Explosion Hazard Data

<b>Flash Point:</b>	N/A
<b>Method Used</b>	N/A
<b>Flammable Limits in air by volume – Lower Limits:</b>	N/A
<b>Upper Limits:</b>	N/A
<b>Extinguishing Media:</b>	N/A
<b>Fire-Fighting Equipment:</b>	Full emergency equipment with self-contained breathing apparatus and full protective clothing should be worn to prevent skin and eye contact in fire situations. If large amounts of chemicals are present, evacuate anyone not properly protected.
<b>Unusual Fire and Explosion Hazards:</b>	Closed containers may rupture when exposed to extreme heat.

## Section 5 – Stability and Reactivity

<b>Stability:</b>	Stable.
<b>Hazardous Polymerization:</b>	Will not occur.
<b>Conditions to Avoid:</b>	None.
<b>Incompatibility:</b>	Oxidizing materials may cause reaction.
<b>Hazardous Decomposition or Byproducts:</b>	Carbon monoxide and/or carbon dioxide may be released when exposed to very high temperatures

## Section 6 – Health Hazard Data

<b>Inhalation health risk and symptoms of exposure</b>	Inhalation: May cause headaches.
<b>Eye Contact:</b>	Direct contact irritates slightly with redness and swelling.
<b>Skin Contact:</b>	Can cause irritation.
<b>Ingestion:</b>	Can cause gastrointestinal irritation.
<b>Health hazards (Acute and Chronic)</b>	Acute: Eyes: Slight irritation with redness. Skin: No adverse effect. Inhalation: Irritates respiratory passage. Ingestion: Large amounts may cause digestive discomfort. Chronic: None known.
<b>Carcinogen NTP Carcinogen: IARC Monographs: OSHA Regulated:</b>	No. No. No.
<b>Medical Conditions Generally aggravated by Exposure:</b>	Dermatitis, respiratory tract irritation
<b>Emergency and First Aid Procedures</b>	<i>Inhalation overexposure:</i> Move person to fresh air. If breathing is difficult, administer oxygen. If breathing has stopped, give artificial respiration and seek medical attention. <i>Eye contact:</i> Flush with large amounts of water for 15 minutes. <i>Skin contact:</i> Wash effected area thoroughly with soap and water. Remove contaminated clothing.

## Section 7 – Precautions for the Safe Use and Handling

<b>Steps to be taken in case material is released or spilled:</b>	Dike spill area and cover with inert, absorbent material and remove to disposal container. Mop with mild detergent or cleaning solution. Observe all federal, state and local laws.
<b>Waste Disposal Method:</b>	Consult local, state and federal waste regulations before disposing into approved waste landfills. Obey relevant laws. ***DO NOT INCINERATE CLOSED CONTAINERS.***
<b>Precautions to be taken for Storage &amp; Handling:</b>	<i>Storage:</i> No special precautions. Use reasonable care. <i>Handling:</i> No special precautions.
<b>Other precautions:</b>	Before using any product, read the product label.

## Section 8 – Control Measures

<b>Work Practices:</b>	N/A
<b>Respiratory Protection:</b>	When working with this material, use mechanical filters to remove airborne particulates.
<b>Ventilation:</b>	Local exhaust as required by job conditions to keep TLV below acceptable limits. Refer to OSHA regulations 29 CFR Part 1910.94
<b>Protective Gloves:</b>	Rubber/latex gloves recommended for protection of skin.
<b>Eye Protection:</b>	Use safety eyewear with splash guards or side shields.
<b>Other Protective Clothing or</b>	

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### Coating

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<b>Equipment:</b>	N/A
<b>Work/Hygiene Practices:</b>	Eye wash and safety showers in the workplace are recommended. Personnel should wash thoroughly after handling product. Always wash before eating, smoking or using the restroom facilities.
<b>Recommended Exposure Limits:</b>	N/A

### Section 9 – Approvals

<b>Prepared by:</b>	Charles Waggoner, Product Engineer
<b>Approved by:</b>	Dave Lall, General Manager

### Section 10 – Disclaimer

**Disclaimer:** *The information herein is presented in good faith and believed to be accurate as of the last revision date shown below. However, no warranty expressed or implied is given. Regulatory requirements are subject to change and may differ from one location to another. It is the buyer's responsibility to ensure that its activities comply with federal, state or provincial and local laws.*



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