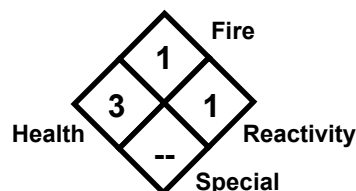


# MATERIAL SAFETY DATA SHEET



Issue Date: 1/05

Supersedes: 5/04

**NFPA 704 DESIGNATION HAZARD RATING**  
 4 = Extreme      3 = High      2 = Moderate  
 1 = Slight      0 = Insignificant

## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identity:	<b>Additive 100™</b>		
Product Use:	<b>Adhesion Promoter to Kynar® and Similar Coated Surfaces</b>		
Manufactured For:	<b>Sealoflex® Inc.</b> 2520 Oscar Johnson Drive Charleston, SC 29405 PHONE: 843 554-6466 FAX: 843 554-6458	<b>CHEMTREC</b> 1-800-424-9300	

## 2. COMPOSITION & INFORMATION ON INGREDIENTS

Component	% weight	CAS #	SARA Title III Section 313	RCRA	CARCINOGENICITY (As per 29CFR 1910.1200)	State Right-To-Know		
						PA	NJ	MA
Polyfunctional Aziridene	>99.0	64265-57-2	Not Listed	No	No	No	No	No

All components are listed in the TSCA inventory.

## 3. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	<b>Pale Yellow Liquid</b>	Bulk Density	<b>No Data</b>
Odor	<b>Mild</b>	Vapor Pressure	<b>No Data</b>
Odor Threshold	<b>Not Applicable</b>	Vapor Density	<b>Heavier than Air</b>
Molecular Formula	<b>No Data</b>	Evaporation Rate (n-Butyl Acetate=1)	<b>&lt;1</b>
Molecular Weight	<b>No Data</b>	VOC content	<b>0.5%</b>
Boiling Point	<b>~100°C (~212°F)</b>	% Volatiles	<b>&lt;1.0</b>
Freezing Point	<b>~0°C (~32°F)</b>	Solubility in Water	<b>Dispersible</b>
Specific Gravity	<b>1.07</b>	Viscosity (cps)	<b>No Data</b>
Density (lbs/gal)	<b>8.9</b>	pH	<b>No Data (basic)</b>

## 4. STABILITY & REACTIVITY

GENERAL:	This product is stable under normal conditions
CONDITIONS TO AVOID:	Contamination with acidic materials, heat, direct sunlight, ultraviolet radiation, strong oxidizing agents and freezing conditions.
INCOMPATIBLE MATERIAL:	Acids, anhydrides and strong oxidizers.
HAZARDOUS POLYMERIZATION:	May occur if mixed with acidic materials.
HAZARDOUS DECOMPOSITION PRODUCTS:	Oxides of carbon and nitrogen.

## 5. HAZARDS IDENTIFICATION

### POTENTIAL HEALTH EFFECTS:

EYE CONTACT: **Corrosive to eyes.**

SKIN CONTACT: **Moderate skin irritant and likely sensitizer.**

INGESTION: **Ingestion will cause chemical burns to the mouth and gastrointestinal tract. Injury may be severe and cause death. The acute oral toxicity is between 500 and 5000 mg/kg. Relative to other materials, Additive 100 is classified as slightly toxic by ingestion**

INHALATION: **Vapors and/or aerosols of Additive 100 will probably irritate mucous membranes, nose and respiratory passages. Respiratory allergy/sensitization may be induced. Symptoms include cough, chest tightness an/or asthmatic wheezing.**

## 6. FIRST AID MEASURES

EYE CONTACT: **Immediately flush eyes with large quantities of clean running water for at least 15 minutes while holding eyelids apart. Do not attempt to neutralize with chemical agents. Seek immediate medical attention. Continue flushing for an additional 15 minutes if a physician is not immediately available.**

SKIN CONTACT: **Immediately wash skin with plenty of soap and clean water while removing contaminated clothing. If redness, itching or burning sensation develops, get medical attention. Wash contaminated clothing before reuse.**

INHALATION: **Immediately move to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing is labored, administer oxygen. Seek immediate medical attention.**

INGESTION: **DO NOT INDUCE VOMITING. Seek immediate medical attention. Give one or two glasses of water to drink and refer to medical personnel or take direction from a physician or poison control center. Never give anything by mouth to an unconscious person.**

## 7. FIRE FIGHTING MEASURES

GENERAL: **Additive 100 is not flammable.**

FLASHPOINT AND METHOD: **>200°F (PMCC)**

FLAMMABLE LIMITS: Lower: **No Data** Upper: **No Data**

AUTOIGNITION TEMPERATURE: **No Data**

HAZARDOUS COMBUSTION PRODUCTS: **May produce oxides of carbon and nitrogen.**

EXTINGUISHING MEDIA: **Foam, CO<sub>2</sub>, dry powder, water spray.**

FIRE FIGHTING INSTRUCTIONS: **Wear self-contained breathing apparatus with full facepiece and protective clothing.**

UNUSUAL FIRE AND EXPLOSION HAZARDS: **Heat or impurities may increase the temperature/ build pressure/rupture closed containers, spreading fire and increasing risk of burns and other injuries.**

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

EXPOSURE GUIDELINES: **No ACGIH TLV or OSHA PEL is assigned to Additive 100. Minimize exposure in accordance with good hygiene practices.**

VENTILATION: **Use of local exhaust is recommended.**

RECOMMENDED PERSONAL PROTECTIVE EQUIPMENT:

RESPIRATORY: **Under most conditions, a respirator is not required. If spray applying, a NIOSH/MSHA approved respirator for organic vapors, mists and fumes is recommended.**

EYES: **Safety glassed with side shields or tight fitting goggles if applying by spray.**

SKIN: **Wear impervious gloves and clothing.**

OTHER: **Provide sufficient mechanical general and/or local exhaust ventilation to limit exposure.**

**9. HANDLING AND STORAGE**

STORAGE TEMPERATURE: **4 - 32°C (40 - 90°F)** STORAGE PRESSURE: **Ambient**

STORAGE: **Keep container tightly closed. Store in a cool well ventilated area away from heat, sources of ignition, direct sunlight and acidic materials, anhydrides and oxidizing agents.**

HANDLING: **Open in a well ventilated area. Avoid breathing vapors. Prevent skin and eye contact.**

**10. ACCIDENTAL RELEASE MEASURES**

SPILL PROCEDURE: **Wearing recommended protective equipment (SECTION 8), dike spill using soil, sand, sawdust, oil dry or compatible commercial absorbent. Place in chemical waste containers for recovery or disposal in accordance with federal, state, and local regulations.**

**11. DISPOSAL CONSIDERATIONS**

RCRA 40 CFR 261 CLASSIFICATION: **Not Classified**

U.S. EPA WASTE NUMBER/DESCRIPTION: **None**

DISPOSAL METHOD: **Incinerate in an approved facility. Do not incinerate closed containers. Material should not be released to the environment.**

CONTAINER DISPOSAL: **Empty container retains potentially hazardous residue. Observe all hazard precautions. Remove all product residue from container and puncture or otherwise destroy empty container before disposal in accordance with federal, state, and local regulations.**

**12. TRANSPORTATION INFORMATION**

DOT INFORMATION – 49 CFR 172.101

DESCRIPTION: **Not Applicable**

CONTAINER MODE: **One-pint bottles and one-pint and one-quart plastic or metal cans.**

NOS COMPONENT: **Not Applicable**

RQ (REPORTABLE QUANTITY) – 49 CFR 172.101: **Not Applicable**

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