

# MATERIAL SAFETY DATA SHEET

Effective: January 2006

## Section 1 – Identification of Substance and Company

**Product Name:** INSTAbond® SI-50

**Company:** ACCRABond Inc.  
8848 Hacks Cross Road  
Olive Branch, MS 38654

**Emergency Phone Numbers:** ACCRABond Inc.: (662) 895-4480  
CHEMTREC (800) 424-9300

## Section 2 – Information on Ingredients

<b>Chemical Name</b>	<b>CAS#</b>	<b>%</b>	<b>ACGIH</b>	<b>OSHA</b>	<b>Other</b>
Ethyl Cyanoacrylate	7085-85-0	90-91	0.2 ppm TWA	None	None
Poly Methyl Methacrylate	9011-14-7	5-10	N/A	N/A	N/A
Silica, Fumed	112945-52-5	5-10	10 mg/m3 TWA	6 mg.m3 TWA	N/A
Hydroquinone	123-31-9	0.1-1	2mg/m3 TWA	2/mb/m3 TWA	N/A

## Section 3 – Hazard Identification

Appearance/Odor: Clear Liquid/Mildly Irritating

HMIS: Health:2 Flammability: 2 Physical Hazard: 1 Personal Protection: See Section 8

\*\*\* BONDS SKIN IN SECONDS. READ MSDS COMPLETELY\*\*\*

Potential Health Effects

Skin Contact: Bonds skin rapidly. Can be a skin irritant

Eye Contact: Fumes can be irritating to eyes and mucous membranes

Ingestion: Effects Unknown

Inhalation: Irritating to mucous membranes

## Section 4 – First Aid Measures

Skin Contact: Soak in warm water. Do not try and separate bond. Bond is not present health hazard.

Eye Contact: Flush with water. Do not try and separate bond. Seek medical attention

Ingestion: Not likely. Do not try and separate. Bond will diminish over 1-4 days.

Inhalation: Remove to fresh air. Seek medical attention if fresh air does not alleviate symptoms.

## Section 5 – Fire fighting Measures

Flash Point: 150-200°F Tag Closed Cup Method

Auto Ignition: 485°F

Flammability: Not Flammable

Fire Extinguishing Media: Carbon Dioxide, Foam, and Dry Chemical  
Special Fire Fighting Procedures: Self-contained breathing apparatus will alleviate irritating vapors.  
Explosion Hazards/Limits: None available

### **Section 6 – Accidental Release Measures**

Accidental Spill: Use water to polymerize. Soak with absorbent material. Dispose in accordance with local regulation

### **Section 7 – Handling And Storage**

Recommended Storage: Store at or below 75°F. Freezing will extend shelf life.  
Handling: Avoid contact with skin. Avoid vapors. Secondary ventilation preferred.

### **Section 8 – Exposure Controls And Protection**

Eyes: Safety glasses or goggles.  
Skin: Nitrile gloves preferred. Do not use wool, cotton or other absorbent materials.  
Ventilation: Local exhaust preferred.  
Respiratory: Not available.

### **Section 9 – Physical And Chemical Properties**

Appearance: Clear Liquid  
Odor: Mild/Sharp, Irritating  
Boiling Point: Greater than 149°C (300°F)  
pH: Not Applicable  
Specific Gravity: 1.056 @ 75°F  
Solubility in Water: Polymerizes  
VOC Content: Less than 2%: 20 g/L

### **Section 10 – Stability And Reactivity**

Stability: Stable  
Hazardous Polymerization: Will occur in the presence of water, amines, alkalis and alcohols  
Incompatibility: Water, alcohols, amines and alkalis  
Conditions to Avoid: Spontaneous polymerization  
Hazardous Decomposition: None

### **Section 11 – Toxicology Information**

None Available

### **Section 12 – Ecological Information**

None Available

### **Section 13 – Disposal Information**

Recommended Method: polymerize and dispose in accordance with local regulation.  
Not a RCRA hazardous waste.

### **Section 14 – Transportation Information**

DOT (49 CFR 172)

Proper Shipping Name: Combustible Liquids, n.o.s (Cyanoacrylate ester)

Hazard Class/ Division: Combustible Liquid

Identification Number: NA 1993

Exceptions: (not more than 450 liters) Unrestricted

Marine Pollutant: None

ITA

Proper Shipping Name: Aviation regulated liquids, n.o.s (Cyanoacrylate ester)

Class or Division: 9

UN or ID Number: UN 3334

Packing Group: None

Exceptions: Unrestricted (not more than 500ml)

### **Section 15 –Regulatory Information**

CA Proposition 65: No Proposition 65 chemical known to be present.

### **Section 16 – Other**

None