

# SAF-T-LOK

International Corporation

Material Safety Data Sheet

**IB 45**

Issue Date: 12/29/11

## SECTION I - PRODUCT AND COMPANY INFORMATION

Product Name: IB 45, Instant Bonder  
Product Type: Cyanoacrylate Adhesive  
Part Numbers: 44521 / **44501/ 44531/ 44551/ 157-7228**  
Hazard Rating: Health: 1 Fire: 2 Reactivity: 1

Company Identification: SAF-T-LOK International Corporation  
300 EISENHOWER LANE NORTH  
LOMBARD, IL 60148

Contact: Helen Champagne  
Telephone/ Fax: (630) 495-2001  
Emergency Phone (24 Hour): (703) 527-3887  
Chemtrec (24 Hour): (800) 424-9300  
Preparer: Ind. Hygiene Department  
Internet: www.saftlok.com

Product Class: Mixture  
DOT Hazard Class: N/A  
Shipping Name: Unrestricted

## SECTION II - INGREDIENT AND HAZARD INFORMATION

Components	CAS#	Percent
Ethyl Cyanoacrylate	7085-85-0	90-100
Hydroquinone	123-31-9	.1-.5
Poly Methyl Methacrylate	9011-14-7	3-10

## SECTION III - HAZARD IDENTIFICATION AND EMERGENCY OVERVIEW

### EMERGENCY OVERVIEW

Physical appearance:	Liquid	<u>HMIS</u>	
Physical color:	Clear	Health:	1
Odor:	Ester-like odor	Flammability:	2
		Reactivity:	1
		Personal Protection:	B

**WARNING;** MAY CAUSE: EYE IRRITATION  
SKIN IRRITATION  
RESPIRATORY TRACT IRRITATION  
MAY IRRITATE EXISTING ALLERGIC SKIN CONDITIONS

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Relative routes of entry: Skin, Inhalation, Eyes, Ingestion

Skin Contact: Bonds skin rapidly. As with any chemical, prolonged, excessive, or repeated exposure may cause mild to moderate skin irritation, exhibited by redness, drying and cracking of unprotected skin.

Eye Contact: Vapors may irritate with slight pain and redness. Contact with adhesive may bond mucous membrane.

Respiratory/ Inhalation: Inhalation may cause irritation to mucous membrane.

Ingestion: Hazardous if swallowed because material solidifies on contact.

Medical conditions generally aggravated by exposure: None known, however any chemical product may enhance allergies already present in certain individuals.

#### **SECTION IV – FIRST AID INSTRUCTIONS**

Skin Contact: Remove contaminated clothing. Flush with water, remove solid with debond agent or acetone.

Eye Contact: Flush with water for at least 15 minutes holding eyelid open. Get medical attention immediately.

Respiratory / Inhalation: Remove to fresh air, if symptoms develop get medical attention.

Ingestion: Do not induce vomiting. Obtain immediate medical attention.

#### **SECTION V – FIRE FIGHTING INSTRUCTIONS**

Flash Point:	176°F (T.C.C.)
Unusual Fire and Explosion Hazards:	Possible exothermic reaction leading to substrate ignition and fume generation.
Flammable Limits:	LEL: N/A, UEL: N/A
Extinguishing Media:	Carbon Dioxide, Foam, Dry Chemicals
Fire Fighting Procedures:	Air mask and procedures for fighting chemical fires

#### **SECTION VI -ACCIDENTAL RELEASE MEASURES**

Special Precautions: None known. Follow general precautions shown below.

Environmental precautions: Prevent material from entering floor drains, sewers, or any bodies of water.

Clean up methods: Scoop up into waste container or soak up with absorbent material. Store in a closed container until disposal.

#### **SECTION VII - HANDLING AND STORAGE**

Handling: Avoid contact with eyes, skin, and clothing. Avoid breathing vapors. Wash hands thoroughly at mealtime and end of shift.

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Positive down-draft exhaust ventilation should be provided to maintain vapor concentration below TLV

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Storage: Store in a cool location (40-50°F) in a well ventilated area away from sources of heat. Keep container tightly closed when not in use.

Personal Protection: Wear personal protective equipment as outlined in Section VIII of this MSDS.

**SECTION VIII – EXPOSURE CONTROLS AND PERSONAL PROTECTION**

Respiratory Protection: No respiratory protection required, but normal good ventilation is recommended. Forced ventilation may be required if concentrations exceed normal use exposure.

Skin Protection: Use impermeable gloves (neoprene, butyl rubber, natural rubber), as necessary to avoid skin contact, as well as proper clothing or plastic apron. Wash hands before eating, drinking, or using restroom.

Eye Protection: Safety goggles or glasses are recommended.

Eye Washes: Eye wash stations should be located within 100 feet or 10 second walk of the work area.

**SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES**

Physical state: Liquid  
 Color: Clear  
 Odor: Mild  
 Boiling Point: <300°F  
 Specific Gravity: 1.05  
 Vapor Density (Air = 1): N/A  
 Vapor Pressure (mm Hg.): < 5 @30°F  
 pH: N/A  
 Melting Point: N/A  
 Evaporation Rate: N/A  
 Solubility in Water: Polymerized by water

**SECTION X –STABILITY AND REACTIVITY**

Stability: Stable under normal conditions  
 Hazardous Polymerization: May occur  
 Hazardous decomposition byproducts: None  
 Incompatibility: Polymerized by contact with water, alcohols, amines, alkalies.

**SECTION XI – TOXICOLOGICAL INFORMATION**

Ingredients which have exposure limits:

INGREDIENT	ACGIH (TLV)	OSHA (PEL)	OTHER
Ethyl Cyanoacrylate	0.2 ppmTWA	None	None
Hydroquinone	2 mg/ m <sub>3</sub> TWA	2mg/ m <sub>3</sub> TWA	2mg/ m <sub>3</sub> TWA

**SECTION XII – ECOLOGICAL DATA**

Water Hazard: Do not allow entry into drains or surface water

**SECTION XIII – DISPOSAL CONSIDERATIONS**

Recommended method of disposal: Unused product: Dispose of according to Federal, State and local regulations.

EPA Hazardous Waste Number; Not an RCRA hazardous waste.

**SECTION XIV – SHIPPING AND TRANSPORTATION INFORMATION**

U.S. Department of Transportation Ground (49 CFR

Proper Shipping Name: Unrestricted  
Hazard Class or Division: None  
Identification Number: None  
Packing Group: None

International Air Transportation (OCAO/IATA):

Proper Shipping Name: Unrestricted  
Hazard Class or Division: None  
Identification Number: None  
Packing Group: None

Water Transportation (IMO/IMDG):

Proper Shipping Name: Unrestricted  
Hazard Class or Division: None  
Identification Number: None  
Packing Group: None  
Marine Pollutant: None

**SECTION XV – REGULATORY INFORMATION**United States Regulatory Information

TSCA 8 (b) Inventory Status: All components are listed or are exempt from listing on the Toxic Substances Control Act Inventory.

CERCLA/SARA Section 311/312: None.

California Proposition 65: No California Proposition 65 listed chemicals are known to be present.

Canada Regulatory Information

CEPA DSL/NDSL Status: All components are listed on or are exempt from listing on the Domestic Substances List.

**SECTION XVI – OTHER INFORMATION**

Revision date: 12/29/2011

By: Human Resource Department

**DISCLAIMER:** The information on this material safety data sheet represents our current data and best opinion as to the proper use in handling of this product under normal conditions. Any use of the product which is not in conformance with this data sheet or which involves using the product in combination with any other product or any other process is the responsibility of the user. SAF-T-LOK International Corporation specifically disclaims all warranties, express or implied, including warranties of merchantability and fitness for a particular purpose, arising from sale or use of SAF-T-LOK International Corporation products.