

SAF-T-LOK

International Corporation

Material Safety Data Sheet

IB 45

Issue Date: 11/19/07

SECTION I - PRODUCT AND COMPANY INFORMATION

Product Name: IB 45, Instant Bonder
Product Type: Cyanoacrylate Adhesive
Part Numbers: **44501/ 44531/ 44551**
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

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 bon 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.

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

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Storage:

Product IB 45
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, alkalis.

SECTION XI – TOXICOLOGICAL INFORMATION

Ingredients which have exposure limits:

INGREDIENT	ACGIH (TLV)	OSHA (PEL)	OTHER
Ethyl Cyanoacrylate	0.2 ppm TWA	None	None
Hydroquinone	2 mg/ m ₃ TWA	2mg/ m ₃ TWA	2mg/ m ₃ 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:

This product contains the following toxic chemical subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (40 CFR): Cumene hydroperoxide.

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: 5/2/07

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.