

INFOTRAC
EMERGENCY #
800.535.5053

MATERIAL SAFETY DATA SHEET

Date Prepared/Revised: April 10, 2006

I. PRODUCT IDENTIFICATION

Trade Name (as labeled): **MS-BOND 005**
SUPPLIER:
MURAKAMI SCREEN U.S.A.
745 Monterey Pass Road
Monterey Park, CA 91754
PHONE NUMBER: 800-562-3534

II. HAZARDOUS INGREDIENTS

	CAS NO	% RANGE	ACGH TLV	OSHA PEL	OTHER
Ethyl Cyanoacrylate	7085-85-0	90-100	. 2 PPM TWA	Not Est'd	
Hydroquinone	123-31-9	<1	2mg/m3 TWA	2mg/m3 TWA	
Poly (methyl methacrylate)	9011-14-7	<5	Not Est'd	Not Est'd	

III. HEALTH HAZARD INFORMATION

SYMPTOMS OF OVEREXPOSURE for each potential route of exposure.

Inhaled: Vapors may be irritating to the respiratory system. May cause runny and sore nose.
Skin: Moderately irritating. Hydroquinone may cause skin de-pigmentation and an allergic skin Irritation.
Swallowed: May cause digestive system irritation.

HEALTH EFFECTS OR RISKS FROM EXPOSURE

Acute: Extremely irritating to eyes. Symptoms may include tearing.
Chronic: May cause permanent eye damage.

IV. FIRST AID PROCEDURES

Eye Contact: Do not force eyelids open. Flush immediately with fresh water for at least 15 minutes. Call a physician.
Skin Contact: Quickly soak in warm water and avoid excessive force to open. If irritated contact physician.
Inhaled: Remove victim to fresh air if irritation occurs Swallowed: Do not induce vomiting. Contact a Physician or poison control center.

CARCINOGENICITY? YES___ NO__X__

This products ingredients are found on the following lists: OSHA___ NTP___ IARC___ ACGIH___
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Skin allergies and dermatitis.

V. SPILL, LEAK, AND DISPOSAL PROCEDURES

Spill response procedures (include employee protection measures) : Flood area with water to polymerize (cure) the material. Soak up with inert absorbent.

Disposal Methods: May be incinerated. Cured material may be land filled.

NOTE: Dispose of all wastes in accordance with federal, state, and local regulations.

VI. PHYSICAL PROPERTIES

MS-Bond 005

Vapor Density (air=1):	3	Melting point or range, °F:	Not Known
Specific Gravity:	1.046	Boiling point or range, °F:	>300°F
Solubility in water:	Nil	Evaporation rate (butyl acetate=1):	N/A
Vapor pressure, mmHg at 20° C	<1	pH (1% solution):	N/A

Appearance and odor:

Clear to white liquid, sharp odor. *This product thickens and will not work effectively 6 mos. from man. date.

VII. FIRE AND EXPLOSION

Flash point, °F: 174 (TCC)

Auto ignition, °F: N/D

Flammable limits in air volume %: Lower (LEL) N/A Upper(UEL) N/A

Fire extinguishing materials: Water spray ___ Carbon dioxide ___ foam ___ dry chem. X other ___

Special Fire Fighting procedures: Firefighters should be equipped with a NIOSH approved positive pressure self contained breathing apparatus (SCBA) with full face shield.

Unusual fire explosion hazards: Combustible, overheated, closed containers adjacent to fire could explode due to internal pressure build up.

VIII. REACTIVITY DATA

Stability: Stable X Unstable ___ Conditions to Avoid: Keep away from heat, flame, & sparks.

Incompatibility: Polymerized by contact with water, alcohol's, amines, & alkaline substances.

Hazardous decomposition products (including combustibles): Non thermal (None)

Hazardous polymerization: May occur ___ Will not occur X

X. SPECIAL HANDLING PROCEDURES

Respiratory procedures: None required if area is properly ventilated.

Ventilation and engineering controls: Adequate ventilation . Enough air movement to remove vapors.

Eye protection: Safety glasses.

Gloves: Nitrile gloves to protect direct skin contact.

Other clothing and equipment: Adequate protective clothing to prevent skin contact.

Work & Hygienic practices: Wash skin with soap and water thoroughly after handling & before eating.

Other handling and storage requirements: Keep container closed when not in use. Keep away from children.

For Industrial Use Only

IX. REPORTING REQUIREMENTS AND ADDITIONAL INFORMATION

HMS Code System Rating=Health 2; Flammability 1; Reactivity 1.

NFPA 704 Code System Rating=Health 2; Flammability 2; Reactivity 1.

Volatile Organic Compound (VOC): 925 grams per liter or 7.7lbs. per gallon.

This product contains no Proposition 65 designated chemicals.

Note: Information herein is given in good faith and to the best of our knowledge, but no warranty, expressed or implied, is made.