

MATERIAL SAFETY DATA SHEET

Date Prepared/Revised: April 5, 2006

I. PRODUCT IDENTIFICATION

Trade Name (as labeled): **MS-BOND ACTIVATOR**

SUPPLIERS NAME:

MURAKAMI SCREEN U.S.A.

745 Monterey Pass Road

Monterey Park, CA 91754

PHONE NUMBER: 800-562-3534

II. HARZADOUS INGREDIENTS

| Chemical Name | CAS NO | % RANGE | ACGH TLV | OSHA PEL | OTHER |
|---------------------|---------|---------|-----------|-----------|-------|
| Acetone | 67-64-1 | 90-98% | 750 PPM | 1000 PPM | |
| Proprietary Product | | <10% | Not Est'd | Not Est'd | |

III. HEALTH HAZARD INFORMATION

SYMPTOMS OF OVEREXPOSURE For each potential route of exposure

Inhaled: Dizziness, Breathing difficulty, Headaches, and Nausea.

Skin: Dry skin, cracks, irritation, and dermatitis. Eyes: Severe irritation, tearing, redness, & blurred vision.

Swallowed: May cause gastrointestinal irritation, vomiting, nausea and diarrhea, May cause lung damage.

HEALTH EFFECT OR RISKS FROM OVEREXPOSURE

Acute: Dizziness, breathing difficulty, headaches, and nausea.

Chronic:

IV. FIRST AID PROCEDURES

Eye Contact: Flush for 15 minutes with water

Skin: Wash thoroughly with soap and warm water.

Inhaled: Move person to fresh air. If breathing slows start artificial respiration and get medical attention

Swallowed: Do not induce vomiting. Contact a physician.

CARCINOGENICITY? YES: NO: X

This products ingredients are found in this list. Federal OSHA___ NTP___ IARC___ ACGIH___

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:

V. SPILL, LEAK, AND DISPOSAL PROCEDURES

Spill response procedures (include employee protection measures) : Observe precautions in all sections. Eliminate all sources of ignition. Collect spilled material and cleanup residue using non-sparking tools and or explosion proof equipment.

Disposal Methods: Meeting applicable requirements for distruction and removal is preferred.

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

VI. PHYSICAL PROPERTIES

MS-BOND ACTIVATOR

Vapor Density (air=1) >1
Specific Gravity: 0.8, water=1
Solubility in water: Miscible
Vapor pressure, mmHg at 20° C 24.7 kpa
Appearance and odor:
Clear thin liquid, sweet odor.

Melting point or range, °F:
Boiling point or range, ° F 133°F
Evaporation rate (butyl acetate=1) 5.6(nBuAc=1)
ph (1% solution) N/A

VII. FIRE AND EXPLOSION

Flash Point, °F (give method): 0°F
Auto Ignition Temp. °F: 1,004°F
Flammable limits in air volume%: Lower (LEL) 2.1% Upper (UEL) 13%
Fire Extinguishing Materials: Water Spray X Carbon Dioxide X Foam X
Dry Chemical X Other _____

SPECIAL FIRE FIGHTING PROCEDURES: Respiratory equipment should be worn to prevent inhalation of vapors.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Handle as a flammable liquid. Vapors from empty containers and manufacturing operations form an explosive mixture in air which can be ignited by many sources. EG: pilot lights, motors, switches, and others.

VIII. REACTIVITY DATA

Stability: Stable X Unstable _____

Conditions to Avoid:

Incompatibility: Strong oxidizing agents.

Hazardous Polymerization: May Occur: _____ Will Not Occur: X

Hazardous decomposition: None expected under normal use. Incompatibility: Conditions to Avoid: Not Known

X. SPECIAL HANDLING PROCEDURES

Ventilation and engineering controls: An explosion proof mechanical exhaust system is suggested.

Respiratory protection: Approved fresh air supplying respirator is areas where the vapor rises above TLV's

Gloves: Nitrile gloves

Other clothing and equipment: Use impermeable aprons and protective clothing to prevent skin contact.

Work practices and Hygienic practices: Always wash hands after handling.

Storage requirements: Keep container closed when not in use. Keep out of childrens reach. For industrial and professional use only.

IX. REPORTING REQUIREMENTS AND ADDITIONAL INFORMATION

HMS Code System Rating=Health 1; Flammability 3; Reactivity 0.

NFPA 704 Code System Rating=Health 1; Flammability 3; Reactivity 0.

Volatile Organic Compound (VOC):

This product contains no chemicals on the SARS Title III, Section 313.

This product contains no Proposition 65 designated chemicals. Non-photo chemically reactive.

All components in this product have been tested & listed in the TSCA inventory.

Non-photo chemically reactive

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