

# CALSAK CORPORATION

## MATERIAL SAFETY DATA SHEET

ORIGINAL ISSUE DATE: 01/01/1995 REVISED: 05/05/04

<b>1. IDENTIFICATION</b>		<b>INFORMATION &amp; EMERGENCY TELEPHONE NUMBERS</b>	
		CALSAK CORPORATION Atlanta: 770-921-4550 Houston: 713-699-0501 Los Angeles: 310-637-2000 Portland: 503-262-2600 San Francisco: 510-475-2670 Seattle: 425-251-5400	
PRODUCT NAME: ACRYCAST BX, DX, MX, SX, AX COMMON NAME(S): Polymethyl, Methacrylate, Acrylic		MANUFACTURER: VARIOUS  Manufactured under contract for: CALSAK CORPORATION 200 W. Artesia Blvd. Compton, CA 90220	
UN/NA NO. Not Applicable DOT HAZARD CLASS: Not Applicable		FORMULA: (C <sub>5</sub> H <sub>8</sub> O <sub>2</sub> )X	
<b>2. INGREDIENTS AND RECOMMENDED OCCUPATIONAL EXPOSURE LIMITS</b>			
	% WT.	HAZARD DATA	
Acrylic Polymer	96 min.	Operations generating dust or vapors may cause irritation to the respiratory tract. Repeated skin exposure to dusts may cause allergic skin reactions.	
Colorants	Approx 3		
Methyl methacrylate	1.00		
<b>3. PHYSICAL DATA</b>			
BOILING POINT (°F)	Not Applicable	SPECIFIC GRAVITY (H <sub>2</sub> O)=1	Not Applicable
MELTING POINT (°F)	Not Applicable	PERCENT, VOLATILE BY VOLUME(%)	Not Applicable
VAPOR PRESSURE (mm Hg.)	Not Applicable	pH	Not Applicable
VAPOR DENSITY (AIR=1)	Not Applicable	SOLUBILITY IN WATER	Not Applicable
APPEARANCE AND ODOR: Solid and odorless			
<b>4. FIRE AND EXPLOSION HAZARD DATA</b>			
FLASH POINT (method used)		FLAMMABLE LIMITS	Lel Uel
Not Applicable			Not Applicable
EXTINGUISHING MEDIA Water or dry chemical			
SPECIAL FIRE FIGHTING PROCEDURES Firefighters should wear self-contained breathing apparatus and full protective clothing. Fire exposed containers should be cooled with water.			
UNUSUAL FIRE AND EXPLOSION HAZARDS Material may give off toxic products of combustion when involved in a hot fire. Breathing apparatus should be worn.			
<b>5. REACTIVITY DATA</b>			
Stability	Unstable		CONDITIONS TO AVOID: None
	Stable	X	
INCOMPATIBILITY (materials to avoid) Not Applicable			
HAZARDOUS DECOMPOSITION PRODUCTS Carbon dioxide, carbon monoxide			
Hazardous	May Occur		CONDITIONS TO AVOID: None
Polymerization	Will Not Occur	X	
<b>6. SPILL OR LEAK PROCEDURES</b>		TRANSPORTATION EMERGENCIES Call CALSAK 310-637-2000	
STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Sweep up material and dispose of.			
WASTE DISPOSAL METHOD:		EPA Waste Identification NO.: Not Applicable	
May be disposed of in trash. For hazardous waste regulations call the RCRA Hotline at 800-424-9346			

7. HEALTH HAZARD DATA	
<p>EFFECTS OF OVEREXPOSURE:</p> <p>In its marketed form, this product is not expected to present a serious health hazard, however, operations such as sawing, sanding, grinding, or burning may generate dust, smoke, or vapors which may be irritating.</p> <p>INHALATION: May be irritating to the nose, throat, and upper respiratory tract. Exposure to high concentrations may cause cough, dizziness, confusion, headache, and drowsiness.</p> <p>SKIN CONTACT: Dusts may produce a transitory mechanical irritation and itch. Prolonged or repeated exposure may lead to an allergic skin reaction due to free methyl methacrylate.</p> <p>EYE CONTACT: Vapors may be very irritating.</p> <p>INGESTION: This route of exposure is not likely to be significant.</p>	<p>MAJOR EXPOSURE HAZARD</p> <p> <input type="checkbox"/> INHALATION    <input type="checkbox"/> SKIN CONTACT    <input type="checkbox"/> EYE CONTACT    <input type="checkbox"/> INGESTION </p>
<p>EMERGENCY AND FIRST AID PROCEDURES:</p> <p>INHALATION: Remove from exposure. If breathing is difficult or has stopped, administer artificial respiration or oxygen as indicated. Seek medical aid.</p> <p>SKIN CONTACT: Wash affected area(s) gently with soap and water. Seek medical aid for any skin reaction.</p> <p>EYE CONTACT: Gently flush immediately with large amounts of water. Seek medical aid.</p>	
<p><b>8. SPECIAL PROTECTION INFORMATION</b></p> <p>RESPIRATORY: Respiratory protection approved by NIOSH/MSHA for protection against organic vapors and dust should be used to avoid inhalation of excessive air contaminants.</p> <p>Appropriate respirator selection depends on the type and magnitude of exposure.</p> <p>SKIN: None required.</p>	
<p>EYE: Employees should be required to wear chemical safety goggles to prevent eye contact.</p>	
<p>VENTILATION: Local exhaust ventilation should be used to control the emission of air contaminants.</p>	
<p>OTHER PROTECTIVE EQUIPMENT: Emergency eye wash stations should be available in the work area.</p>	
<p><b>9. SPECIAL PROTECTION INFORMATION</b></p>	
<p>PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:</p> <p>Materials have sharp edges. Wear protective gloves when handling.</p>	
<p>OTHER COMMENTS:</p> <p>Methyl methacrylate (MMA) has been shown to cause allergic responses after repeated exposures. At high concentrations, MMA was shown to produce reproductive effects in animals. Exposed workers have shown increased chromosomal aberrations in lymphocytes (IARC 19:187, 1979).</p> <p>Polymethyl methacrylate produced local sarcomas in rats upon implantation of discs intramuscularly, subcutaneously or intraperitoneally (IARC 19:195, 1979).</p>	
<p>This information is taken from sources or based upon data believed to be reliable; however, Calsak Corporation makes no warranty as to the absolute correctness or sufficiency of any of the foregoing or that additional or other measures may not be required under particular conditions.</p>	