



ALDON CORPORATION

MATERIAL SAFETY DATA SHEET

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MSDS No. BB 20
Effective Date January 26, 1999

SECTION V HEALTH HAZARD DATA

BB 20

Threshold Limited Value

None established for this mixture (ACGIH 1992-93).
For Xylene: TWA: 100 ppm; 435 mg/m³.

Effects of Overexposure

ACUTE TOXICITY: Overexposure can lead to central nervous system depression producing such effects as headache, dizziness, nausea and loss of consciousness.
INHALATION: High concentrations or prolonged exposure to lower concentrations may be slightly irritating to mucous membranes. **INGESTION:** Liquid ingestion may result in vomiting; aspiration (breathing in) of liquid into lungs **must be avoided** as liquid contact with lungs can result in chemical pneumonitis and pulmonary edema/hemorrhage.
EYES: Causes irritation. **SKIN:** May cause irritation and dermatitis.

Emergency and First Aid Procedures

INGESTION: If swallowed, do **NOT** induce vomiting, call physician immediately. Never give anything by mouth to an unconscious person.
EYES: Flush thoroughly with water for at least 15 minutes, lifting lower and upper eyelids occasionally. Get medical attention. **SKIN:** Flush thoroughly with water, then wash with mild soap and water. **INHALATION:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

SECTION VI REACTIVITY DATA

Stability	Unstable	Conditions to Avoid
	Stable	X Excessive temperature and heat, spark, flame.

Incompatibility (Materials to Avoid)	Strong oxidizing materials.
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Hazardous Decomposition Products	We have no data on this product, but we would expect at least carbon monoxide, carbon dioxide, smoke.
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Hazardous Polymerization		Conditions to Avoid
May Occur	Will Not Occur	Not applicable.
	X	

SECTION VII SPILL OR LEAK PROCEDURES

Steps to be taken in case material is released or spilled	Absorb on vermiculite, sawdust, paper, and place in a suitable container for disposal by incineration.
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Waste Disposal Method	Discharge, treatment, or disposal may be subject to Federal, State or Local laws. These disposal guidelines are intended for the disposal of catalog-size quantities only. Dispose of in an approved incinerator equipped with an afterburner and scrubber.
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SECTION VIII SPECIAL PROTECTION INFORMATION

Respiration Protection (Specify Type)		None needed in normal laboratory handling. If misty conditions prevail, work in ventilation hood or wear a NIOSH/MSHA-approved respirator			
Ventilation	Local Exhaust	Recommended.		Special	No.
	Mechanical (General)	Recommended.		Other	No.
Protective Gloves		Rubber, if sensitive to irritation.		Eye Protection	Chemical safety glasses.
Other Protective Equipment	Safety glasses, smock, apron, proper gloves, fume hood, fire extinguisher.				

SECTION IX SPECIAL PRECAUTIONS

Precautions to be Taken in Handling & Storing	Store in a cool, dry, well-ventilated area away from flame or sparks. Wash thoroughly after handling.
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Other Precautions	Read label on container before using. Do not wear contact lenses when working with chemicals.
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Avoid inhalation of vapor, mists or fumes. Use with adequate ventilation. Remove and wash contaminated clothing.

For laboratory use only. Not for drug, food or household use. Keep out of reach of children.

Revision	No. 5	Date	1/26/99	Approved	Michael Raszeja	Chemical Safety Coordinator	MR
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The information contained herein is furnished without warranty of any kind. Employers should use this information only as a supplement to other information gathered by them and must make independent determinations of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees. * Hazardous Materials Industrial Standards. Printed on recycled paper.

SECTION I NAME 24 HOUR EMERGENCY ASSISTANCE

Product	BALSAM, SYNTHETIC; NEUTRAL IN XYLENE
Chemical Synonyms	Balsam; Synthetic, slide mounting media.
Formula	Terpene resins dissolved in xylene.
Unit Size	up to 4 Lt.
C.A.S. No.	Mixture. See Section II.

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NFPA
HAZARD RATING

LEAST SLIGHT MODERATE
0 1 2

Health
Fire
Reactivity

2
3
0

HMIS *

HIGH EXTREME
3 4

SECTION II INGREDIENTS OF MIXTURES

Principal Component(s)	%	TLV Units
Xylene: (CAS No. 1330-20-7)	40%	TWA: 100 ppm; 435 mg/m ³
Terpene Resins: (CAS No. 68240-09-5)	60%	None established.

WARNING! FLAMMABLE! VAPOR HARMFUL.

SECTION III PHYSICAL DATA

Melting Point (°F)	Unknown.	Specific Gravity (H ₂ O = 1)	Approx. 0.9
Boiling Point (°F)	281°-292°F (xylene).	Percent Volatile by Volume (%)	40%
Vapor Pressure (mm Hg)	19-24 @ 68°F (xylene).	Evaporation Rate (n-Butyl Acetate =1)	1.7 (xylene).
Vapor Density (Air=1)	3.7 (xylene).		
Solubility in Water	Negligible.		
Appearance & Odor	Yellowish to greenish, viscid, transparent, slightly fluorescent liquid; characteristic aromatic.		

SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used)	27-32°C (81-90°F) TCC (Xylene)	Flammable Limits in Air % by Volume (Xylene)	Lower	Upper
			1	7
Extinguisher Media	Carbon dioxide (CO ₂); dry chemical (ABC); "alcohol" type foam.			

SPECIAL FIREFIGHTING PROCEDURES

In fire conditions, wear a NIOSH/MSHA-approved self-contained breathing apparatus and protective clothing.

(1996 EMERGENCY RESPONSE GUIDEBOOK, DOT P 5800.7, GUIDE PAGE NO. 128)

UNUSUAL FIRE AND EXPLOSION HAZARDS

Fire or excessive heat may produce dangerous fumes and hazardous decomposition products; can react vigorously with oxidizing materials.

Ignition Temperature: 463°-527°C (867°-982°F) ASTM D 2155

D.O.T. Flammable liquid, n.o.s., (Xylene), 3, UN 1993, PG III

Approved by U.S. Department of Labor "essentially similar" to form OSHA-20