



**Material Safety Data Sheets (MSDS)**

HMIS-NPCA-MFPA	Health	1
	Flammability	1
	Reactivity	0
	Personal Protection	

SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION	
PRODUCT NAME	Ames' Blue Max™ Regular-grade
IDENTIFICATION	
DATE PRINTED	
PRODUCT USE/CLASS	Latex Paints & Coatings, water born dispersion
MANUFACTURER	Ames Research Laboratories, Inc. Jefferson, Oregon 97352 <b>Corporate Office:</b> PO Box 1350 Jefferson, Oregon 97352-1350
EMERGENCY TELEPHONE	1-888-345-0809
PREPARER (optional)	
PHONE	(503) 588-3330
PREPARE DATE	05-05-09

SECTION 2 – COMPOSITION/INFORMATION ON INGREDIENTS			
ITEM	CHEMICAL NAME	CAS NUMBER	% BY WT
01	A specialty formulated waterbase man-made rubber technology. Further information provided upon qualified request to our customers. Fax your request to 503-364-2380. Include: address, phone number, and company name for further information.	Proprietary	45-55
02	Water	7732-18-5	45-55
03			

Material is not known to contain Toxic Chemicals under section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR 372. Product alkaline to PH-10. May cause stomach distress if ingested. Do not ingest.

SECTION 3 – HAZARDOUS IDENTIFICATION	
EMERGENCY OVERVIEW: No significant immediate hazards for emergency response are known. Milky white liquid emulsion. Slight odor. Dike and contain spill. Avoid dilution of spills.	
EYE CONTACT	May cause slight transient (temporary) eye irritation. Corneal injury unlikely.
SKIN CONTACT	Short single exposure not likely to cause significant skin irritation. Prolonged and repeated exposure may cause slight skin irritation. Material may stick to skin causing irritation upon removal. A single, prolonged exposure is not likely to result in the material being absorbed through skin in harmful amounts.
INHALATION	With good ventilation, a single exposure to vapors is not expected to cause adverse effects.
INGESTION	Single dose oral toxicity is considered to be extremely low. No hazards anticipated from swallowing small amounts incidental to normal handling operations.
SYSTEMIC EFFECTS (Other target organs)	No relevant information found.

SECTION 4 – FIRST AID MEASURES	
FIRST AID	
EYE CONTACT	Immediately flush eyes with large quantities of clean water for at least 15 minutes. Consult a physician.
SKIN CONTACT	Wash skin with soap and water. Remove contaminated clothing. Seek medical attention if irritation develops. Wash contaminated clothing before reuse.
INHALATION	Remove affected individual(s) to fresh air. Seek medical attention if breathing difficulty develops.
INGESTION	If swallowed, seek medical attention. Do not induce vomiting unless directed to do so by medical personnel.
NOTES TO PHYSICIAN	No specific antidote. Supportive care. Treatment based on judgement of the physician in response to reactions of the patient.



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SECTION 5 - FIRE FIGHTING MEASURES	
FLASH POINT	Not applicable
METHOD USED	Not applicable
AUTOIGNITION TEMPERATURE	Not applicable
FLAMMABLE LIMITS IN AIR (LOWER)	Not applicable
FLAMMABLE LIMITS IN AIR (UPPER)	Not applicable
FIRE FIGHTING EXTINGUISHING MEDIA	To extinguish combustible residues of this product, use water fog, carbon dioxide, dry chemical or foam.
FIRE FIGHTING EQUIPMENT	Wear self-contained breathing apparatus (SCBA) and full fire-fighting protective clothing. If protective equipment is not available or not used, fight fire from a protected location or safe distance.
FIRE FIGHTING INSTRUCTIONS	Keep people away. Isolate fire area and deny unnecessary entry. Containers of this material may build up pressure if exposed to heat (fire). Use a water spray to cool fire-exposed containers.
FIRE/EXPLOSION HAZARDS	This material will not burn unless it is evaporated to dryness.
HAZARDOUS COMBUSTION PRODUCTS	Under fire conditions, some components of this product may decompose. The smoke may contain unidentified toxic and/or irritating compounds. Hazardous combustion products may include and are not limited to hydrocarbons, carbon monoxide and dense smoke.

SECTION 6 – ACCIDENTAL RELEASE MEASURES	
STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:	
PERSONAL PRECAUTIONS	Avoid unnecessary exposure and contact. Barricade the area to restrict access. Persons not wearing protective equipment (see section 8) should be excluded from the area of the spill until clean-up has been completed.
ENVIRONMENTAL PRECAUTIONS	Stop leak at source when it is safe to do so. Dike and contain spill. Prevent spilled material from contaminating soil or entering drains, sewers, streams or other bodies of water.
CLEANUP PROCEDURES	Avoid dilution with water to minimize the extent of the spill. Recover and recycle spilled latex if possible, otherwise, collect with absorbent material and transfer to appropriate containers for disposal. Water may be used for final cleaning of affected area.

SECTION 7 – HANDLING AND STORAGE	
HANDLING:	Practice reasonable care to avoid repeated, prolonged skin contact. An eye wash station and a safety shower should be readily accessible to workers wherever this material is stored or used.
STORAGE:	Keep from freezing. Store at temperatures between 40° F and 110° F. Material may develop bacteria odor on long-term storage. No safety problems known.

SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION	
EXPOSURE LIMITS GUIDELINES	There are no exposure limits assigned to the polymer in this product by the Occupational Safety and Health Administration (OSHA) or American Conference of Governmental Industrial Hygienists (ACGIH).
ENGINEERING CONTROLS	Good general ventilation should be sufficient for most conditions.
PERSONAL PROTECTIVE EQUIPMENT	EYES: Wear safety glasses with side shields or goggles.  SKIN: Wear clean, long-sleeved, body-covering, clothing. Nitrile, neoprene®, or rubber gloves should provide protection against skin contact.  INHALATION: For most conditions, no respiratory protection should be needed; however, if material is heated or sprayed, or areas are poorly ventilated, use an approved air-purifying respirator.



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SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES			
BOILING RANGE:	212°F (100° C)	VAPOR DENSITY:	0.624 @ 80° F (26.7° C)
ODOR:	Slight odor	PHYSICAL STATE	Liquid
APPEARANCE:	Thick, blue liquid.	SPECIFIC GRAVITY:	0.98 - 1.04
pH	9.0 – 10.0	VAPOR PRESSURE	17.5 mm Hg @ 68° F (20° C)
FREEZING POINT	32° F (0° C)		
SOLUBILITY	Product is sold as dilutable. Polymer component is insoluble		
ADDITIONAL INFORMATION	The physical data listed are for a series of latexes. For specific properties on any given latex, see the product bulletin.		

(See Section 16 for abbreviation legend)

SECTION 10 – STABILITY AND REACTIVITY	
STABILITY	This material is stable during storage and during its extended use.
INCOMPATIBLE MATERIALS/SUBSTANCES	Addition of chemicals, such as acids or multivalent metal salts, may cause coagulation.
CONDITIONS TO AVOID	Avoid freezing temperatures (less than 32° F or 0° C). Products decompose at elevated temperatures.
HAZARDOUS DECOMPOSITION PRODUCTS	Hazardous decomposition products depend upon temperature, air supply and the presence of other materials. Thermal decomposition may produce various hydrocarbons and irritating, acrid vapors.
HAZARDOUS POLYMERIZATION	Hazardous polymerization will not occur.

SECTION 11 – TOXICOLOGICAL PROPERTIES	
ACUTE TOXICITY (HUMANS)	Refer to section 3 for available information on potential health effects. For detailed toxicological data, write or call the address or non-emergency number shown in section 1.
SKIN:	Based on properties of similar polymers, the polymer is not hazardous.
INGESTION:	Based on properties of similar polymers, the polymer is not hazardous.
INHALATION:	Based on properties of similar polymers, the polymer is not hazardous.

SECTION 12 – ECOLOGICAL INFORMATION	
MOVEMENT & PARTITIONING	Latex dispersions will color water a milky white. No bioconcentration of the polymeric component is expected because of its high molecular weight.
DEGRADATION & PERSISTENCE	The polymeric component is not expected to biodegrade.
ECOTOXICITY	Based largely or completely on information for similar material(s): Material is practically non-toxic to aquatic organisms on an acute basis (LC50 or EC50 > 100 mg/L in the most sensitive species tested).

SECTION 13 – DISPOSAL CONSIDERATIONS	
DISPOSAL METHOD:	Do not dump into any sewers, on the ground, or into any body of water. All disposal methods must be in compliance with all Federal, State/Provincial and local laws and regulations. Waste characterizations and compliance with applicable laws are the responsibility solely of the waste generator.

SECTION 14 – TRANSPORTATION INFORMATION	
DEPT. OF TRANSPORTATION (DOT) – US	This product is not regulated by D. O. T. when shipped domestically by land.
TRANSPORTATION OF DANGEROUS GOODS (TDG) - CANADA	This product is not regulated by TDG when shipped domestically by land.



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**SECTION 15 – REGULATORY INFORMATION**

**U.S. FEDERAL REGULATIONS:** Occupational Safety and Health Act (OSHA): This material is not classified as hazardous under the criteria of the US Occupational Safety and Health Administration (OSHA) Hazard Communication Standard, 29 CFR 1910.1200.

TSCA Section 8(b) – Inventory Status: All components of this material are listed on or are exempt from the US toxic Substances Control Act (TSCA) inventory.

TSCA Section 12(b)-Export Notification: 4-Vinylcyclohexene (CAS# 100-40-3) is subject to the US Toxic Substances Control Act (TSCA) Section 12(b) Export Reporting requirements.

SARA Title III Section 304 – CERCLA: Components of this product are not subject to reporting under the requirements of the Comprehensive Environmental Response, Compensation, and Liability Act. (CERCLA)

SARA Title III Section 313 Toxic Chemical List (TCL): To the best of our knowledge, this product contains no chemical subject to SARA Title III Section 313 supplier notification requirements.

SARA Hazard Category: This product has been reviewed according to the EPA “Hazard Categories” promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories: - Not to have met any hazard category.

**WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS) – CANADA:** Workplace Hazardous Materials Information System (WHMIS) – Canada: This material is not classified as a controlled product under the Canadian workplace Hazardous Material Information System.

Canadian Inventory Status: All components of this material are listed on the Canadian Domestic Substances List (DSL).

Additional Canadian Regulatory Information: This product does not contain a substance present on the WHMIS Ingredient Disclosure List. (IDL) which is at or above the specified concentration limit.

**ADDITIONAL INFORMATION:** California Proposition 65: This material contains a chemical known to the State of California to cause cancer. The California Safe Drinking Water and Toxic Enforcement Act of 1986 requires that clear and reasonable warning be given prior to exposing any person to this chemical.  
- 4-Vinylcyclohexene

**SECTION 16 – OTHER INFORMATION**

HMIS RATINGS:	HEALTH 1	FLAMMABILITY 1	REACTIVITY 0	PERSONAL PROTECTION
PREVIOUS REVISION DATE	12-11-08			
REASON FOR REVISION	Added information for Canada			
LEGEND:	N.A. not applicable, N.E. Not established, N.D. Not determined			
VOLATILE ORGANIC COMPOUNDS	VOC compliant			
ABBREVIATIONS USED:	N/A (information or data not available); NTP (National Toxicology Program); IARC (International Agency for Research on Cancer); NIOSH (National Institute of occupational Safety and Health administration); PEL (Permissible Exposure Limit) [8 hr. TWA][OSHA]; TLV (Threshold Limit Value)[8 hr. TWA][ACGIH]; STEL (Short term exposure limit)[15 min. TWA][OSHA]; C (ceiling value).			
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