

**Image Communications, A Division of  
Waldom Electronics Corporation**

1801 Morgan Street  
Rockford, IL 61102  
Phone: (815) 968-9661  
Fax: (815) 968-9731  
www.waldom.com

**Product Name: Multi Purpose Cement**

MSDS Number: 260  
Revision Date: 1/5/07  
Supersedes Date: 10/10/02

**MATERIAL SAFETY DATA SHEET**

Complies with OSHA Hazard Communication Standard 29 CFR 1910.1200

Product Type: **Adhesive**  
Product Name: **Multi Purpose Cement**  
Part Number(s): **AA-74**  
**AA-74-4**

Emergency Contact: **Chemtrec**  
Phone (24 hours): **(800) 424-9300**

**Section 1 - Identification of Product**

HMIS Ratings: Least 0  
Slight 1  
Health 2 Moderate 2  
Flammability 3 High 3  
Reactivity 0 Extreme 4  
Personal Protection B Gloves, Safety Glasses B

**Section 2 - Hazardous Ingredients**

Hazardous Components	CAS NUMBER	SARA 313 % LIST RQ	OSHA PEL	ACGIH TLV	OSHA ACGIH STEL	LD50 SKIN RABBIT	LD50 ORAL RAT	LC50 VAPOR RAT
Hexane	110-54-3	18-24	50 ppm	500 ppm	N/A	>3.16 g/kg	>5.0 g/kg	
Rubber Solvent	64742-89-8	18-24	300 ppm	400 ppm	150 ppm			
Toluene*	108-88-3	13-19 yes	100 ppm	100 ppm	150 ppm	14,000 mg/kg	5.0 g/kg	8,000 ppm/8hr

\*Toluene is listed on California's Proposition 65 as a chemical known to cause birth defects or other reproductive harm.

Appears in Section 313 of the toxic chemicals list of title III of the Superfund Amendment and Reauthorization Act (SARA) of 1986.

**Section 3 - Physical Data**

Boiling Point initial (F): 115  
Specific Gravity: .858  
Vapor Pressure (mm Hg): 53  
% Volatile (Volume): 68%  
Vapor Density (Air=1): 3-4.5  
Evaporation Rate (ether=1): 1.9-4.5  
Solubility in Water: Negligible  
Appearance & Odor: Black or Clear Liquid.  
VOC: 495 gm/liter

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**Section 4 - Fire & Explosion Hazard Data**

Flash Point (method): -4 F.T.C.C.  
Flammable Limits: LEL: 1.8 UEL: 8.0  
Extinguishing Media: Dry chemical, carbon dioxide, alcohol foam.

Special Fire Fighting Procedures: Self-contained breathing apparatus with a full-face piece operated in a pressure demand or other pressure mode.

Usual Fire and Explosion Hazards: Material is highly volatile and readily gives off vapors which may travel and cause flash fires or be ignited by any flame source.

**Section 5 - Health Hazard Data**

Primary Routes of Entry: Inhalation, Skin contact.

Effects of Acute Over Exposure

Eyes: Can cause severe irritation, redness, tearing, blurred vision.  
Skin: Prolonged or repeated contact can cause moderate irritation, defatting, or dermatitis.

Inhalation: Excessive inhalation of vapors can cause nasal and respiratory irritation, central nervous system effects include dizziness, weakness, fatigue, nausea, headache, possible unconsciousness, and even death.

Ingestion: Can cause gastrointestinal irritation, nausea and vomiting.

Emergency First Aid Procedures

Eye Contact: For direct contact, flush eyes with water for at least 15 minutes and seek medical attention.

Skin Contact: Remove contaminated clothing. Thoroughly cleanse by washing area with mild soap and water. If irritation or redness develops and persists, seek medical attention.

Inhalation: Remove victim to fresh air. If breathing has stopped, artificial respiration should be administered. If breathing difficulties persist oxygen should be administered by qualified personnel. Seek medical attention immediately.

Ingestion: Do not induce vomiting, keep person warm and quiet. Aspiration of material into the lungs due to vomiting can cause chemical pneumonitis, which can be fatal. N Seek medical attention immediately.

Effects of Chronic Over Exposure: Reports have associated repeated and prolonged occupational over exposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling this product may be harmful or fatal.

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**Section 6 - Reactivity Data**

Stability:	Unstable ( ) Stable (X)	Conditions to Avoid:
Incompatibility (Materials to avoid):	Strong acids or bases, oxidizing agents and amines.	
Hazardous Decomposition or By-products:	Combustion may yield carbon monoxide and or carbon dioxide.	
Hazardous Polymerization:	May Occur ( ) Will Not Occur (X)	Conditions to Avoid: N/A

**Section 7 - Spill or Leak Procedures**

Steps to be Taken in Case Material Is Released or Spilled:	Eliminate all ignition sources, stop spill at source, contain by dike, transfer material into suitable container. Absorb remainder with clay, vermiculite or other absorbent material and dispose of properly.
Waste Disposal Method:	Liquid incineration, or may be disposed of in a Hazardous Material landfill in accordance with all state, local and federal regulations.

**Section 8 - Special Protection Information**

Respiratory Protection:	Yes, if TLV levels are exceeded NIOSH/MESA approved.
Ventilation:	Provide sufficient mechanical and/or local exhaust ventilation to maintain exposure level below TLVs.'
Protective Gloves:	Yes
Eye Protection:	Chemical splash goggles.
Other Protective Equipment:	Impervious clothing and face shield if necessary.
Work/Hygienic Practices:	Clean spills immediately. Wash clothing if contaminated before rewearing. Practice good industrial hygiene.

**Section 9 - Special Precautions**

Precautions to be Taken in Handling And Storage:	Keep container closed. Use only with adequate ventilation. Keep away from other heat sources, spark or open flame sources.
Other Precautions:	Empty containers can be hazardous due to residue. Dispose of properly.

**Section 10 - Regulatory Information**

DOT Shipping Name:	Adhesive
Hazard Class:	3
NA or UN #:	UN1133
Packing Group:	II
Label:	Flammable

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Effects of Overexposure: Reports have associated repeated and prolonged occupational over exposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling this product may be harmful or fatal.

Hexane: This substance has not been identified as a carcinogen or probable carcinogen by NTP, IARC or OSHA. Pre-existing peripheral nerve disorders may be aggravated by exposure to this material. Persons with pre-existing heart disorders may be more susceptible to irregular heartbeat (arrhythmia) if exposed to high concentrations of this material.

Rubber Solvent: This substance has not been identified as a carcinogen or probable carcinogen by NTP, IARC or OSHA. Persons with pre-existing heart disorders may be more susceptible to irregular heartbeat (arrhythmia) if exposed to high concentrations of this material.

\*Toluene: This substance has not been identified as a carcinogen or probable carcinogen by NTP, IARC or OSHA. Persons with pre-existing heart disorders may be more susceptible to irregular heartbeat (arrhythmia) if exposed to high concentrations of this material.

Results of tests in workers exposed to high concentrations have shown that a component of this material can cause irreversible changes in the genetic material (DNA) of a cell. The human health consequences of these changes are not fully understood. Intentional misuse by deliberate inhalation of toluene has been shown to cause liver kidney and brain damage.

NOTE: Judgment of potential hazards of this mixture is based on information available about individual components listed in section 2. Direct testing of mixture has not been done.

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**WHMIS INFORMATION**

Class: B-2 Flammable Liquid  
D2A Very toxic material causing other toxic effects  
D2B Toxic material causing other toxic effects

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