

MATERIAL SAFETY DATA SHEET

BLOCK-LOCK ADHESIVE

1. CHEMICAL PRODUCT AND COMPANY INFORMATION

Umaco Inc.
60 Rear Newhall Street
Lowell, Ma. 01852

PRODUCT NAME: BLOCK-LOCK ADHESIVE
GENERAL ID: USED TO INSTALL CAPS
ON RETAINING WALLS

Emergency Phone (Chemtrec) 1-800-424-9300
Informational Phone (Umaco) 1-800-424-8881
Date Prepared: 3 / 8 / 05

2. HAZARDOUS INGREDIENTS/ IDENTITY

SECTION 313 SUPPLIER NOTIFICATION- THIS PRODUCT
CONTAINS THE FOLLOWING TOXIC CHEMICAL SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION
313 OF THE EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW ACT OF 1986 AND OF 40CFR 372

Hazardous Components

CAS #	Ingredient	EINECS#	WT. %
64742-95-6	Aromatic Hydrocarbon	265-199-0	3
127-18-4	Tetrachloroethylene	204-825-9	42
108-65-6	2-methoxy-1-methyl ethyl acetate	203-603-9	1

313 REPORTABLE INGREDIENTS: This product contains the following chemical(s) subject to reporting under SARA Title III Section 313: Tetrachloroethylene

3. HEALTH HAZARDS IDENTIFICATION (ACUTE & CHRONIC)

ACUTE TOXICITY: May cause significant irritation to eyes, skin and pulmonary system.

CHRONIC: yes

Routes of entry: Inhalation: yes Skin: yes Ingestion: yes

Ingestion: Possible nausea and/or vomiting Inhalation: May cause headache, dizziness and nausea Skin and Eyes: May cause irritation to the eyes and skin

Carcinogenicity: This product contains chemicals suspected of being carcinogens by NTP and OSHA

Signs and Symptoms of Exposure: Ingestion: Possible nausea and/or vomiting Inhalation: Headache and dizziness Skin: Irritation of skin Eyes: Irritation of eyes

Chronic: Frequent or prolonged overexposure may irritate or cause dermatitis

Medical Conditions Generally Aggravated by Exposure: Pre-existing eye, skin and respiratory disorders.

4. EMERGENCY FIRST AID PROCEDURES

Eyes: Flush with clean water for 15 minutes lifting and upper and lower lids occasionally. Seek immediate medical attention.

Skin: Remove clothing and wash skin with soap and water. If irritation persists Seek immediate medical attention. Wash contaminated clothing and shoes before reuse.

Inhalation: Move individual to fresh air away from vapors. If breathing is difficult give oxygen if needed. Seek immediate medical attention.

Ingestion: Give large amounts of water. Do not induce vomiting!! Should vomiting occur be sure to keep victim's head below the hips to prevent aspiration of vomit into the lungs. Seek immediate medical attention.

5. FIRE FIGHTING MEASURES

Flash point: 118 Deg. F
Method Used: Penskey-Marten CC

Flammable Limits LEL 1.0
UEL 7.0

Extinguishing Media: Carbon dioxide, dry chemical or fog

Special Fire Fighting Procedures: Standard protective fire fighting clothing and breathing apparatus

Unusual Fire and Explosion Hazards: Solvent vapors are heavier than air and may travel along the ground or be moved by ventilation and be ignited by sources distant from handling points.

6. ACCIDENTAL RELEASE MEASURES

SMALL AND LARGE SPILLS: Wearing the personal protective equipment designated in Section 8, absorb spill with inert material and transfer to appropriate containers for disposal. Ventilate well.

7. HANDLING AND STORAGE

Avoid storage at extremes of temperature, avoid strong oxidizing agents

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Ventilation: Local Exhaust- Preferable **Mechanical-** Acceptable

Eyes/Face: Wear safety glasses with side shields or goggles when handling this material. **Skin:** Chemical resistant gloves are commended **Respiratory:** Not required with adequate ventilation

Work / Hygienic Practices: Wash hands thoroughly after each use, especially before eating or smoking.

9. PHYSICAL & CHEMICAL PROPERTIES

Boiling Point: N/A Vapor Pressure: 3 mmHg at 20 Deg. C Vapor Density (Air=1) 4

Specific Gravity: 1.23 (water=1) Melting point: N/A Evaporation Rate 0.3 (Butyl Acetate = 1)

Solubility in water- none Appearance and Odor: Hydrocarbon odor

VOC: 571 g/liter. VOC content is less than 4% by weight

10. STABILITY AND REACTIVITY

Stability : Unstable Stable X Hazardous polymerization May occur May Not Occur X

Conditions to Avoid: Avoid heat, sparks, flame.

Incompatibility: Strong oxidizing agents

Hazardous Decomposition: N/A

11. TOXICOLOGICAL INFORMATION

EYES AND SKIN: This material may cause significant irritation to the eyes and skin.

12. ECOLOGICAL INFORMATION

No ecological studies have been carried out on this product

13. DISPOSAL CONSIDERATIONS

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Part 261.3. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

14. TRANSPORTATION INFORMATION

N/A

15. REGULATIONS

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

311/312 HAZARD CATEGORIES: This product poses the following physical and health hazard(s) as defined in 40 CFR Part 370 and is subject to the requirements of sections 311 and 312 of Title III of the Superfund Amendments and Reauthorization Act of 1986:

FIRE: YES PRESSURE GENERATING: NO REACTIVITY: NO ACUTE: YES CHRONIC: YES

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CALIFORNIA PROPOSITION 65: This product contains the following products on California's Proposition 65 List: Tetrachloroethylene

This MSDS has been prepared in accordance with the Federal OSHA Hazard Communication Standard 29CFR 1910.1200.

All components of this product are listed on the Toxic Substance Inventory or are excluded from listing requirements.

16. OTHER INFORMATION

SAFETY PHRASES:

Read all instructions before use.

Keep containers closed when not in use

For Professional Use Only.

When using do not eat, drink or smoke.

KEEP OUT OF THE REACH OF CHILDREN.

Keep away from food, drink and animal feed.

When applying indoors, (Industrial or Commercial applications ONLY), by Professionals ONLY, proper ventilation is required.

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