

LifeRite B

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: LifeRite B

SECTION I - PRODUCT IDENTIFICATION

Supplier

Artmolds
18 Bank Street
Summit, NJ 07901

Information Phone: 908-273-5401

Emergency Phone: CHEMTREC
800/424-9300

PRODUCT NAME: LifeRiteB

SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

INGREDIENTS

CAS #

EXPOSURE LIMITS

None known to date.

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT: N.A.*

SPECIFIC GRAVITY : 1.10

VAPOR PRESSURE (mm Hg.): N.A.

MELTING POINT: N.A.

VAPOR DENSITY (AIR=1): N.A.

EVAPORATION RATE (Butyl Acetate=1): N.A.

SOLUBILITY IN WATER: Negligible

APPEARANCE AND ODOR: Gray, translucent liquid. Essentially odorless.

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: Greater than 210 °F
(ASTM D-3278)

FLAMMABLE LIMITS: N.A.

LEL: N.A.

UEL: N.A.

EXTINGUISHING MEDIA: Carbon dioxide, sand, foam, dry chemicals.

SPECIAL FIRE FIGHTING PROCEDURES: Firefighters should wear full protective clothing, including self-contained breathing apparatus.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None known to date.

SECTION V - REACTIVITY DATA

STABILITY: STABLE

CONDITIONS TO AVOID: N.A.

INCOMPATIBILITY (materials to avoid): Strong bases will cause depolymerization.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: Carbon dioxide, silicon dioxide.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

CONDITIONS TO AVOID: N.A.

SECTION VI - HEALTH HAZARD DATA

ROUTES OF ENTRY: INHALATION? NO SKIN? YES INGESTION? NO

HEALTH HAZARDS (acute & chronic): May cause temporary, reversible eye irritation.

CARCINOGENICITY: NTP? NO IARC MONOGRAPHS? NO OSHA REGULATED? NO

SIGNS AND SYMPTOMS OF EXPOSURE: None known to date.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: None known to date.

EMERGENCY AND FIRST AID PROCEDURES: Eye Contact: Flush eyes with large quantities of water for at least 15 minutes. Consult a physician.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Cover spill with an absorbent material such as sand or sawdust. Scoop up and place in an appropriately marked container.

WASTE DISPOSAL METHOD: May be incinerated or land-filled under conditions complying with federal, state, and local environmental control regulations.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Store at temperatures between 32 and 80 °F.

OTHER PRECAUTIONS: N.A.

SECTION VIII - CONTROL MEASURES

RESPIRATORY PROTECTION: Not required.

VENTILATION: LOCAL EXHAUST: N.A. SPECIAL: N.A.

MECHANICAL: N. A. OTHER: N.A.

PROTECTIVE GLOVES: Rubber EYE PROTECTION: Safety goggles

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Rubber apron, eye wash fountain, safety shower.

WORK/HYGIENIC PRACTICES: Wash hands immediately after use.

PREPARED BY: EM

DATE: 5/17/04

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: LifeRite A

SECTION I - PRODUCT IDENTIFICATION

Supplier

Artmolds
18 Bank Street
Summit, NJ 07901

Information Phone: 908-273-5401
Emergency Phone: CHEMTREC
800/424-9300

PRODUCT NAME: LifeRite A

SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

INGREDIENTS

CAS #

EXPOSURE LIMITS

None known to date.

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT: N.A.*

SPECIFIC GRAVITY : 0.98

VAPOR PRESSURE (mm Hg.): N.A.

MELTING POINT: N.A.

VAPOR DENSITY (AIR=1): N.A.

EVAPORATION RATE (Butyl Acetate=1): N.A.

SOLUBILITY IN WATER: Negligible

APPEARANCE AND ODOR: Red liquid with a very slight odor.

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: Greater than 200 °F
(ASTM D-3278)

FLAMMABLE LIMITS: N.A.

LEL: N.A.
UEL: N.A.

EXTINGUISHING MEDIA: Carbon dioxide, sand, foam, dry chemicals.

SPECIAL FIRE FIGHTING PROCEDURES: Firefighters should wear full protective clothing, including self-contained breathing apparatus.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Hydrogen gas may be evolved if water is used as an extinguishing media. A hazardous condition may develop if this gas is allowed to accumulate in closed or confined spaces.

PRODUCT NAME: LifeRite A

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* N.A. throughout this document represents "Not Applicable".

SECTION V - REACTIVITY DATA

STABILITY: STABLE

CONDITIONS TO AVOID: N.A.

INCOMPATIBILITY (materials to avoid): Acids, bases , water and alcohols.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: Hydrogen gas may be evolved if LifeRite A is exposed to the above materials.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

CONDITIONS TO AVOID: Powdered metals, metal oxides.

SECTION VI - HEALTH HAZARD DATA

ROUTES OF ENTRY: INHALATION? NO SKIN? YES INGESTION? NO

HEALTH HAZARDS (acute & chronic): May cause temporary reversible eye irritation..

CARCINOGENICITY: NTP? NO IARC MONOGRAPHS? NO OSHA REGULATED? NO

SIGNS AND SYMPTOMS OF EXPOSURE: None known to date.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: None known to date.

EMERGENCY AND FIRST AID PROCEDURES: Eye Contact: Flush eyes with large quantities of water for at least 15 minutes. Consult a physician.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Cover spill with an absorbent material such as sand or sawdust. Scoop up and place in an appropriately marked container.

WASTE DISPOSAL METHOD: May be incinerated or land-filled under conditions complying with federal, state, and local environmental control regulations.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Store at temperatures between 32 and 80 °F.

OTHER PRECAUTIONS: N.A.

SECTION VIII - CONTROL MEASURES

RESPIRATORY PROTECTION: Not required.

VENTILATION: LOCAL EXHAUST: N.A. SPECIAL: N.A.

MECHANICAL: N.A. OTHER: N.A.

PROTECTIVE GLOVES: Rubber

EYE PROTECTION: Safety goggles

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Rubber apron, eye wash fountain, safety shower.

WORK/HYGIENIC PRACTICES: Wash hands immediately after use.

PREPARED BY: EM

DATE: 5/17/04