

# SILICONES, INC.

## MATERIAL SAFETY DATA SHEET

PRODUCT NAME: **XP-451B**

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### SECTION I - PRODUCT IDENTIFICATION

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MANUFACTURER:

Silicones, Inc.  
P. O. Box 363  
211 Woodbine St.  
High Point, NC 27261

Information Phone: 336-886-5018

Emergency Phone: CHEMTREC  
800-424-9300

PRODUCT NAME: **XP-451B**

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### SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

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INGREDIENTS

CAS #

EXPOSURE LIMITS

None known to date.

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### SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

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BOILING POINT: N.A.\*

SPECIFIC GRAVITY : 1.34

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: Beige colored liquid. Essentially odorless.

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### SECTION IV - FIRE AND EXPLOSION HAZARD DATA

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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.

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## **SECTION V - REACTIVITY DATA**

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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.

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## **SECTION VI - HEALTH HAZARD DATA**

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

HEALTH HAZARDS (acute & chronic): May cause temporary, reversible eye irritation. This product is not approved for medical or food contact applications.

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.

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## **SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE**

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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.

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## **SECTION VIII - CONTROL MEASURES**

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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: RJA

DATE: 11/1/01

# SILICONES, INC.

## MATERIAL SAFETY DATA SHEET

PRODUCT NAME: XP-451A

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### SECTION I - PRODUCT IDENTIFICATION

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MANUFACTURER:

Silicones, Inc.  
P. O. Box 363  
211 Woodbine St.  
High Point, NC 27261

Information Phone: 336-886-5018

Emergency Phone: CHEMTREC  
800-424-9300

PRODUCT NAME: XP-451A

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### SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

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INGREDIENTS

CAS #

EXPOSURE LIMITS

None known to date.

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### SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

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BOILING POINT: N.A. \*

SPECIFIC GRAVITY : 0.99

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: Green liquid with very slight odor.

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### SECTION IV - FIRE AND EXPLOSION HAZARD DATA

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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.

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

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**SECTION V - REACTIVITY DATA**

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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 XP-451A is exposed to the above materials.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

CONDITIONS TO AVOID: Powdered metals, metal oxides.

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**SECTION VI - HEALTH HAZARD DATA**

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

HEALTH HAZARDS (acute & chronic): May cause temporary reversible eye irritation. This product is not approved for medical or food contact applications.

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.

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**SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE**

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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.

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**SECTION VIII - CONTROL MEASURES**

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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: RJA

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