

# MATERIAL SAFETY DATA SHEET



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PRODUCT RELATED HEALTH DATA SHEET

## 1. PRODUCT AND COMPANY IDENTIFICATION

### PRODUCT NAME: Binks Packing Protector

Binks Part No. 6-430

MSDS #: MSDS-13

REVISION #: 2.1.1

DATE REVISED: 2/03/2007 DATE PREPARED: 4/05/1999

**ITW Industrial Finishing - Binks**

**195 Internationale Blvd.**

**Glendale Heights, IL 60139**

**Emergency Number - INFOTRAC**

EMERGENCY PHONE (24 HOURS):

**1-800-535-5053**

**630-237-5000**

CHEMICAL FORMULA: MIXTURE

CAS NUMBER: Not Applicable

GENERAL USE: Pump Packing

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

### INGREDIENTS

CAS REG NO.	WGT . %	ACGIH TLV	ACGIH STEL	OSHA PEL	OSHA STEL	UNITS
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### HAZARDOUS INGREDIENTS

Trade Secret Component

85-68-7	60-100 %	5 Mg/M3		5 Mg/M3		
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## 3. HAZARDS IDENTIFICATION

### POTENTIAL HEALTH EFFECTS

**PRIMARY EXPOSURE ROUTES:** Skin - Ingestion - Eyes - Inhalation.

### ACUTE EFFECTS

**Eye:** This product will cause minor irritation with redness and stinging to the eyes.

**Skin:** Contact with skin causes minor itching and local redness.

**Ingestion:** May cause gastric distress, vomiting and diarrhea.

**Inhalation:** None expected, however certain individuals may be sensitized and experience minor nausea and/or headaches.

### CHRONIC EFFECTS

**Eye:** None established.

**Skin:** None established.

**Ingestion:** None established.

**Inhalation:** None established.

**CARCINOGENICITY:** Not listed as a carcinogen by the NTP, IARC, or OSHA.

**TARGET ORGAN EFFECTS:** None known.

**MEDICAL CONDITIONS AGGRAVATED BY LONG-TERM EXPOSURE:** Preexisting skin, eye, or respiratory disorders may become aggravated through prolonged exposure.

**HMIS RATING:** See Section 15.

## 4. FIRST AID MEASURES

**EYE CONTACT:** In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Seek medical attention if irritation persists.

**SKIN CONTACT:** Remove contaminated clothing and launder before reuse. Wash with soap and water. Get medical attention if irritation persists.

**INGESTION:** Give two glasses of water for dilution. DO NOT Induce vomiting. SEEK medical attention immediately.

**INHALATION:** Remove victim to fresh air. If symptoms persist, seek medical attention.

**OTHER INFORMATION:** Preexisting skin, eye, or respiratory disorders may become aggravated through prolonged exposure.

## 5. FIRE FIGHTING MEASURES

**FLASH POINT (method):** 390° F (Cleveland Open Cup)

**FLAMMABLE LIMITS**

**LOWER EXPLOSION LIMIT:** 0.26

**UPPER EXPLOSION LIMIT:** Not Applicable

**FLAMMABILITY CLASS:** None

**EXTINGUISHING MEDIA:** Water, Water Mist, Carbon dioxide, Dry chemical and Chemical Foam.

**HAZARDOUS COMBUSTION PRODUCTS:** Carbon Dioxide, Carbon Monoxide.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Closed containers can explode due to buildup of pressure when exposed to extreme heat: do not use direct stream of water on pool fires as product may reignite on water surface. Caution - Material will support combustion.

**FIRE-FIGHTING INSTRUCTIONS/EQUIPMENT:** Firefighters must wear full facepiece self-contained breathing apparatus in positive pressure mode and full bunker gear as standard Personal Protective Equipment. Keep containers cool with fine water spray to prevent container rupture due to steam buildup. Do not use solid stream of water, since stream will scatter and spread fire.

**NFPA RATING:** See Section 15.

## 6. ACCIDENTAL RELEASE MEASURES

Use Personal Protective Equipment (see section 8).

**SMALL SPILL:** Wash to sanitary sewer with plenty of water.

**LARGE SPILL:** Confine spill, soak up with approved absorbent, shovel product into approved container for disposal. Wash area with plenty of water. Dispose of in accordance with State, Local and Federal Regulations. Refer to SARA Title III, Section 313 40 CFR 372, and CERCLA 40 CFR 302 for complete regulations concerning reporting requirements.

## 7. HANDLING AND STORAGE

**HANDLING PRECAUTIONS:** Keep container closed when not in use. Protect containers from abuse.

**STORAGE REQUIREMENTS:** Protect containers from extreme temperatures. Store containers in a covered area. Check all containers for leaks. Keep out of reach of children. Minimize body contact with this product as well as all chemicals in general.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**EYE and FACE PROTECTION:** Safety Glasses with Side Shields for general protection.

**SKIN and HAND PROTECTION:** Recommended for general protection, use neoprene or rubber gloves.

**RESPIRATORY PROTECTION:** None required. If misting occurs, NIOSH approved respirator capable of removing mist/particulate from air must be worn.

**OTHER PERSONAL PROTECTIVE EQUIPMENT:** Safety eyewash nearby.

**ENGINEERING CONTROLS:** General mechanical ventilation or local exhaust should be suitable to keep vapor concentrations below TLV. Ventilation equipment must be explosion proof.

**ADMINISTRATIVE CONTROLS:** Keep this and other chemicals out of reach of children: minimize body contact with this product as well as all chemicals in general.

**OTHER INFORMATION:** Practice safe work habits. Do Not smoke or eat in the work area. Wash hands thoroughly after handling. Keep away from children.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**APPEARANCE:** Brownish-yellow oily liquid

**PHYSICAL STATE:** Liquid.

**ODOR:** Characteristic.

**ODOR THRESHOLD (PPM):** Not Determined

**SPECIFIC GRAVITY (water=1):** 1.120

**SOLUBILITY IN WATER (20° C) :** Negligible

**COEFFICIENT of WATER/OIL SOLUBILITY:** Not Determined.

**PARTITION COEFFICIENT (n-octanol/water):** Not Determined.

**pH:** Not Determined.

**MELTING POINT:** Not Applicable.

**BOILING POINT:** 370° F

**EVAPORATION RATE (n-Butyl Acetate=1):** < 1

**VAPOR PRESSURE (MM Hg):** 1.9 MM Hg @ 200° C

**VAPOR DENSITY (AIR=1):** 10.8

**V.O.C.:** None, non-volatile

**FLASH POINT: / AUTOIGNITION TEMPERATURE: / FLAMMABILITY**

**CLASSIFICATION: / UNUSUAL FIRE or EXPLOSION HAZARDS:** See Section 5

**OXIDIZING PROPERTIES:** None Known.

**OTHER INFORMATION:** None.

## 10. STABILITY AND REACTIVITY

**CHEMICAL STABILITY:** Stable.

**HAZARDOUS POLYMERIZATION:** Will Not Occur.

**CONDITIONS TO AVOID:** High temperatures. Keep away from heat, sparks and flame.

**CHEMICALS TO AVOID:** Strong oxidizing agents and acids.

**HAZARDOUS DECOMPOSITION PRODUCTS (non-thermal):** None known.

## 11. TOXICOLOGICAL INFORMATION

**SENSITIZATION TO PRODUCT:** Preexisting skin, eye, or respiratory disorders may become aggravated through prolonged exposure.  
**IRRITANCY OF PRODUCT:** Vapors are presumed to cause mild irritation to the nose, throat, and respiratory tract.  
**REPRODUCTIVE TOXICITY:** Not known.  
**TERATOGENICITY:** Not known.  
**MUTAGENICITY:** Not known.

Further hazard information, If applicable, may be found in Section 3. Toxicological information regarding individual ingredients, if applicable, may be found in Section 2.

## 12. ECOLOGICAL INFORMATION

**MOBILITY:** Not Determined.  
**DEGRADABILITY:** Not Determined.  
**ACCUMULATION:** Not Determined.  
**ECOTOXICITY:** Not Determined.  
**OTHER ADVERSE EFFECTS:** Not Determined.

## 13. DISPOSAL CONSIDERATIONS

**DISPOSAL METHOD:** Disposal should be made in accordance with federal, state and local regulations. Consult your local, state or federal Environmental Protection Agency before disposing of any chemicals.

## 14. TRANSPORT INFORMATION

**U.S. D.O.T. PROPER SHIPPING NAME:** Not Regulated.  
**HAZARD CLASS or DIVISION:** NONE  
**I.D. NUMBER:** None

## 15. REGULATORY INFORMATION

**OSHA HAZARD STATUS:** None.  
**EPA SARA Sec. 311/ 312 HAZARD CATEGORIES:** None.  
**TOXIC SUBSTANCES CONTROL ACT (TSCA):** On TSCA List, Section 4 & 8d.  
**SARA Title III, Section 313, CHEMICALS:** 85-68-7 on List  
**Canada - WHMIS:** None  
**CALIFORNIA Proposition 65 - Safe Drinking Water and Toxic Enforcement Act Substances List:** Cas No. 85-68-7 Butyl benzyl phthalate (BBP) - developmental.  
**HMIS RATING:** HEALTH 1, FLAMMABILITY 1, REACTIVITY 0

## 16. OTHER INFORMATION

**MSDS PREPARED BY:** Director of Chemical Safety

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\*\*\* END OF MSDS \*\*\*