

# MATERIAL SAFETY DATA SHEET



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PRODUCT RELATED HEALTH DATA SHEET

## 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** Premium Desiccant

**Binks Part No.** DAD-1

**MSDS #:** MSDS-23 **REVISION #:** 2.2

**DATE REVISED:** 9/23/06 **DATE PREPARED:** 3/27/01

**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:** Silica Gel SiO<sub>2</sub>

**CAS NUMBER:** 63231-67-4

**DERIVATION:** Not Applicable.

**SYNONYMS:** Not Applicable.

**GENERAL USE:** Desiccant - Air Dryer

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

### INGREDIENTS

<u>CAS REG NO.</u>	<u>WGT. %</u>	<u>ACGIH TLV</u>	<u>ACGIH STEL</u>	<u>OSHA PEL</u>	<u>OSHA STEL</u>	<u>UNITS</u>
Silicone Dioxide 63231-67-4	99.0%	10	10	10	10	mg/m <sup>3</sup>

## 3. HAZARDS IDENTIFICATION

**EMERGENCY OVERVIEW:** None.

**POTENTIAL HEALTH EFFECTS:**

**SIGNS AND SYMPTOMS OF OVEREXPOSURE:** General reddening and irritation to the skin and eyes, mucous membrane irritation, upper respiratory tract irritation.

**MEDICAL CONDITIONS GENERALLY**

**AGGRAVATED BY EXPOSURE:** None reported

**ACUTE EFFECTS**

**Eye:** May cause mild eye irritation.

**Skin:** May cause mild skin irritation (redness) upon contact

**Ingestion:** None known.

**Inhalation:** None known.

**CHRONIC EFFECTS:** None established.

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

**TARGET ORGAN EFFECTS:** None known under normal use.

**MEDICAL CONDITIONS AGGRAVATED BY LONG-TERM EXPOSURE:** None known.

**OTHER INFORMATION:** None known.

## 4. FIRST AID MEASURES

**EYE CONTACT:** Flush eyes with plenty of water for at least 15 minutes. Get medical attention if eye irritation persists.

**SKIN CONTACT:** Wash skin with soap and water.

**INGESTION:** If conscious, induce vomiting. Get medical attention immediately.

**INHALATION:** Remove immediately to fresh air.

**OTHER INFORMATION:** None known.

## 5. FIRE FIGHTING MEASURES

**FLASH POINT (method):** Not Applicable.

**AUTOIGNITION TEMPERATURE:** Not Applicable.

**LOWER EXPLOSION LIMIT:** Not Applicable.

**UPPER EXPLOSION LIMIT:** Not Applicable.

**FLAMMABILITY CLASS:** Non-combustible

**EXTINGUISHING MEDIA:** None Required.

**HAZARDOUS COMBUSTION PRODUCTS:** None.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** None known.

**FIRE-FIGHTING INSTRUCTIONS/EQUIPMENT:** None known.

**NFPA RATING:** See Section 15.

## 6. ACCIDENTAL RELEASE MEASURES

**ACCIDENTAL RELEASE MEASURES:** Wearing appropriate personal protective equipment, including appropriate respiratory protection.

**Small Spill:** Sweep up material, avoid breathing dust.

**Large Spill:** Use wet or vacuum clean-up procedures to minimize dust.

## 7. HANDLING AND STORAGE

**HANDLING PRECAUTIONS:** Use appropriate personal protective equipment. Minimize skin contact, wash thoroughly after handling.

**STORAGE REQUIREMENTS:** Store in a cool, dry area. Keep containers closed when not in use.

**OTHER PRECAUTIONS:** None.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**ENGINEERING CONTROLS:** Local ventilation.

**EYE and FACE PROTECTION:** Safety goggles, with side shields

**SKIN and HAND PROTECTION:** Rubber gloves, protective clothing (long sleeves, coveralls, or other as appropriate).

**RESPIRATORY PROTECTION:** Select per OSHA respiratory protection information located in 29 CFR 1910.134 and other ANSI Practice of Respiratory Protection Z88.2.

**OTHER PERSONAL PROTECTIVE EQUIPMENT:** To minimize skin contact.

**EXPOSURE GUIDELINES:** See section 2

**WORK HYGIENIC PRACTICES:** Wash contaminated clothing before reuse.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**APPEARANCE:** White semi-transparent beads  
**PHYSICAL STATE:** Solid  
**ODOR:** Odorless  
**ODOR THRESHOLD (PPM):** Not Available  
**SPECIFIC GRAVITY (WATER=1):** Not Applicable  
**SOLUBILITY IN WATER (20 C):** Negligible  
**SOLUBILITY IN FAT:** Not Applicable  
**COEFFICIENT of WATER/OIL SOLUBILITY:** Not Applicable  
**PARTITION COEFFICIENT (n-octanol/water):** Not Applicable  
**pH:** Not Applicable  
**MELTING POINT:** Not known  
**BOILING POINT:** Not known  
**VAPOR PRESSURE (20 C) (MM HG):** Not available  
**VAPOR DENSITY (AIR=1):** Not Applicable  
**EVAPORATION RATE (n-BUTYL ACETATE=1):** Not Applicable  
**V.O.C.:** Not Applicable  
**FLASH POINT: / AUTO IGNITION 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 under normal conditions and handling and use.  
**HAZARDOUS POLYMERIZATION:** Will Not Occur.  
**CONDITIONS TO AVOID:** None known.  
**CHEMICALS TO AVOID:** None known.  
**HAZARDOUS DECOMPOSITION PRODUCTS:** None known.

## 11. TOXICOLOGICAL INFORMATION

**TOXICOLOGICAL INFORMATION:** Not Known. Other acute and chronic health hazards, as well as target organs, are unknown.  
**ADDITIONAL INFORMATION:** None known.

## 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:** Use can or bag to minimize dust. This product is not regarded as hazardous waste. Dispose in accordance with Local, State/Province, and Federal/Canadian laws and regulations.

## 14. TRANSPORT INFORMATION

**U.S. D.O.T. PROPER SHIPPING NAME:** Not Regulated.

**HAZARD CLASS:** Not Regulated

**I.D. NUMBER:** None

## 15. REGULATORY INFORMATION

**OSHA HAZARD STATUS:** None Determined

**EPA SARA Sec. 311/ 312 HAZARD CATEGORIES:** None.

**TOXIC SUBSTANCES CONTROL ACT (TSCA):** Not on list.

**SARA Title III, Section 313, CHEMICALS:** None

**CALIFORNIA Safe Drinking Water and Toxic Enforcement Act Substances List:** Not on List.

**California Proposition 65:** Not on list.

**NEW JERSEY RIGHT-TO-KNOW HAZARDOUS SUBSTANCES LIST:** Not on List.

**MASSACHUSETTS RIGHT-TO-KNOW SUBSTANCE LIST:** Not on List.

**PENNSYLVANIA HAZARDOUS SUBSTANCES LIST:** Not on List.

**HMIS RATING:** Health 1 - Flammability 0 - Reactivity 0

**NPPA RATING:** Health 1 - Flammability 0 - Reactivity 0

## 16. OTHER INFORMATION

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

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