

MATERIAL SAFETY DATA SHEET



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PRODUCT RELATED HEALTH DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: WHITE BOOTH COATING

Binks Part No. 29-5860

MSDS #: MSDS-18

REVISION #: 2.1.1

DATE REVISED: 03/14/2007 DATE PREPARED: 4/05/1999

ITW Industrial Finishing - Binks

195 Internationale Blvd.

Glendale Heights, IL 60139

Emergency Number - INFOTRAC

EMERGENCY PHONE (24 HOURS):

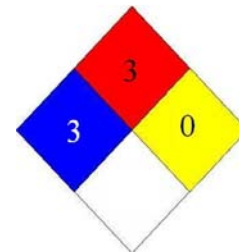
1-800-535-5053

630-237-5000

CHEMICAL FORMULA: MIXTURE

CAS NUMBER: Not Applicable

GENERAL USE: SOLVENT PAINT USED AS A WHITE BOOTH COATING



2. COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENTS

CAS REG NO.	WGT . %	ACGIH TLV	ACGIH STEL	OSHA PEL	OSHA STEL	UNITS
HAZARDOUS INGREDIENTS						
TOLUENE						
CAS# 108-88-3	39 %	50(SKN)	NE	100	150	PPM
METHYL ETHYL KETONE						
CAS# 78-93-3	32 %	200	300	200	300	PPM
ACETIC ACID ETHENYL ESTER POLYMER W CHLOROETHENE						
CAS# 9003-22-9	10 %					
TITANIUM DIOXIDE						
CAS# 13463-67-7	< 5.0 %	10	NE	10	NE	Mg/M3
NATURAL HYDROUS MAGNESIUM SILICATE						
CAS# 14807-96-6	< 5.0 %	2	NE	2	NE	Mg/M3

3. HAZARDS IDENTIFICATION

POTENTIAL HEALTH EFFECTS

PRIMARY EXPOSURE ROUTES: Dermal, Absorption through skin - Inhalation - Eyes.

ACUTE EFFECTS

Eye: Causes severe eye irritation. May cause permanent damage if prolonged contact.

Skin: Causes mild skin irritation.

Ingestion: Harmful if swallowed. Ingestion can cause immediate burning pain in the mouth, throat, and abdomen; severe swelling of the larynx; skeletal muscle paralysis affecting the ability to breathe; circulatory shock; and/or convulsions. May be fatal.

Inhalation: Solvent vapors or mists of product can cause irritation of nose, throat, and respiratory tract.

CHRONIC EFFECTS

Eye: May cause permanent eye damage if prolonged contact.

Skin: May result in dermatitis if prolonged contact.

Ingestion: Harmful if swallowed. May be fatal.

Inhalation: Solvent vapors or mists of product can cause upper respiratory tract irritation with central nervous system depression. Possible kidney, lung, liver and brain damage.

CARCINOGENICITY: Not known.

TARGET ORGAN EFFECTS: Kidney, lung, liver and brain damage. Central nervous system damage.

MEDICAL CONDITIONS AGGRAVATED by LONG-TERM EXPOSURE: Central nervous system depression/disorders. Kidney, lung, liver and brain damage.

OTHER INFORMATION: Product may be fatal if swallowed or ingested.

HMIS RATING: See Section 15.

4. FIRST AID MEASURES

EYE CONTACT: In case of contact, immediately flush eyes with large amounts of running water for at least 15 minutes. Hold eyelids apart to ensure rinsing of the entire surface of the eye and lids with water. Seek medical attention immediately. If physician not available, flush for additional 15 minutes and then transport victim to medical care.

SKIN CONTACT: Wash with large amounts of running water, and soap if available, for 15 minutes. Remove contaminated clothing and shoes. Get medical attention. Wash clothing and decontaminate shoes before reuse.

INGESTION: If swallowed, immediately give 3-4 glasses of milk (if unavailable, give water). DO NOT Induce vomiting. If vomiting occurs, give fluids again. SEEK medical attention immediately. Call poison control center at 1-800-942-5969 Rush-Presbyterian St. Luke's Hospital. Have physician determine if patient's condition allows for induction of vomiting or evacuation of the stomach. Do not give anything by mouth to a convulsing or unconscious person.

INHALATION: Remove victim to fresh air. If not breathing, clear airway and start artificial respiration. If victim is having trouble breathing, give supplemental oxygen, if available. Get immediate medical attention.

OTHER INFORMATION: None known.

5. FIRE FIGHTING MEASURES

FLASH POINT (method): 23° F (Seta Flash)

AUTOIGNITION TEMPERATURE: Not known

FLAMMABLE LIMITS

LOWER EXPLOSION LIMIT: 1.2 %

UPPER EXPLOSION LIMIT: 11.0 %

FLAMMABILITY CLASS: FLAMMABLE

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

HAZARDOUS COMBUSTION PRODUCTS: Oxides of carbon and nitrogen.

Products of combustion are toxic. Heated solvent vapors can travel to an ignition source and flash back. Explosive mixtures can form with air.

UNUSUAL FIRE AND EXPLOSION HAZARDS: This product is FLAMMABLE. Closed containers may explode (due to buildup of steam pressure) when exposed to extreme heat. Keep containers tightly closed. Isolate from heat, electrical equipment, sparks and open flame. Application to hot

surfaces require special precautions. During emergency conditions, overexposure to decomposition products may cause a health hazard.

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 when fighting chemical fires. Close all valves to the area and keep fire-exposed containers cool with water fog spray. Vapors may form an explosive mixture with air. Closed containers may explode (due to buildup of steam pressure) when exposed to extreme heat.

NFPA RATING: See Section 15.

6. ACCIDENTAL RELEASE MEASURES

Use Personal Protective Equipment (See section 8).

Remove all sources of ignition, (flame, hot surfaces, electrical, static or any frictional sparks). Dike area with sand to contain spilled liquid. Absorb with an absorbent material. Ventilate area; Avoid breathing vapors.

SMALL SPILL: Warning!! Product is FLAMMABLE. Remove all sources of ignition and ground all equipment before use. Follow above stated precautions and procedures.

LARGE SPILL: Warning!! Product is FLAMMABLE. Remove all sources of ignition and ground all equipment before use. Wear appropriate protective equipment and NIOSH/MSHA approved respirator where mists or vapors of unknown concentrations may be generated (self-contained breathing apparatus preferred). Dike and contain spill with inert material (sand, earth, etc.) and transfer liquid and solid separately to containers for recovery or disposal. Do not allow material to escape into sewers, ground water, ditches or open/surface bodies of water. Dispose of in accordance with State, Local and Federal Regulations. If spill enters sewer, notify Authorities.

7. HANDLING AND STORAGE

HANDLING PRECAUTIONS: Use non-sparking utensils when handling this material. Avoid hot metal surfaces. Use in cool, well ventilated areas. Keep container closed when not in use. Protect containers from abuse. Keep containers away from excessive heat and open flame. Do not contaminate drinking water, food or feed by storage or disposal.

STORAGE REQUIREMENTS: Store containers in a FLAMMABLE CABINET after opening. This product is FLAMMABLE. 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: Wear Chemical Splash Goggles or Safety Glasses with Side Shields in combination with a Face Shield where there is a potential for eye contact. Use Safety Glasses with Side Shields under normal use conditions.

SKIN and HAND PROTECTION: Protective clothing (rubber apron or other, as appropriate), when needed, to prevent skin contact. Gloves impervious to solvents, when needed, to prevent skin contact, Neoprene.

RESPIRATORY PROTECTION: When spraying this material use NIOSH/MSHA jointly approved cartridge respirator or gas mask suitable to keep

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airborne mists and vapor concentrations below the time weighted threshold limit values. When used in poorly ventilated and confined spaces, use a fresh-air supplying respirator or a self-contained breathing apparatus.

OTHER PERSONAL PROTECTIVE EQUIPMENT: Safety eyewash and shower station should be readily available to workers.

ENGINEERING CONTROLS: In processes where mists or vapors may be generated, proper ventilation must be provided in accordance with good ventilation practices, keeping vapor concentrations below TLV. Ventilation equipment must be explosion proof.

ADMINISTRATIVE CONTROLS: Users of this product must be properly trained and qualified in its use. As with all chemicals, take all necessary precautions to avoid prolonged contact. Keep this and all other chemicals out of reach of children: minimize body contact with this product as well as all chemicals in general. Because of variability of conditions which may exist, evaluation of employee exposure by a professional Industrial Hygienist is recommended.

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

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: White liquid

PHYSICAL STATE: Liquid.

ODOR: Solvent Odor.

ODOR THRESHOLD (PPM): Not Determined

SPECIFIC GRAVITY (water=1): 1.00 @ 25° C

SOLUBILITY IN WATER (20° C) : Not soluble in water.

COEFFICIENT of WATER/OIL SOLUBILITY: Not Determined.

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

pH: Not known

MELTING POINT: Not Applicable.

BOILING POINT: 175° to 232° F

EVAPORATION RATE (n-Butyl Acetate=1): Slower than ether.

VAPOR PRESSURE (MM Hg): Not known.

VAPOR DENSITY (AIR=1): Heavier than air.

V.O.C.: 5.66 lb/gal, 678 g/l

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.

CHEMICALS TO AVOID: Strong oxidizing agents, acids and bases.

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

11. TOXICOLOGICAL INFORMATION

SENSITIZATION TO PRODUCT: Prolonged or repeated liquid contact may result in de-fatting and drying of the skin which may result in dermatitis. Preexisting skin, eye, or respiratory disorders may become aggravated through exposure.

IRRITANCY OF PRODUCT: Mild to severe skin and eye irritation. Vapors are presumed to cause mild irritation to the nose, throat, and respiratory tract.

REPRODUCTIVE TOXICITY: Not known.

TERATOGENICITY: Not known.

MUTAGENICITY: Not 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: Disposal should be made in accordance with federal, state and local regulations. Incineration recommended in approved incinerator according to federal, state, and local regulations. Products classified as non-hazardous may become hazardous waste upon contact with other products. Refer to "40 CFR Protection of Environment Parts 260-299" for complete waste disposal regulations. Consult your local, state or federal Environmental Protection Agency before disposing of any chemicals. Contact a safety/environmental engineer for instructions and approval.

14. TRANSPORT INFORMATION

U.S. D.O.T. PROPER SHIPPING NAME: FLAMMABLE LIQUID N.O.S. (TOLUENE & METHYL ETHYL KETONE)

HAZARD CLASS or DIVISION: FLAMMABLE LIQUID

I.D. NUMBER: None

15. REGULATORY INFORMATION

OSHA HAZARD STATUS: Flammable Liquid.

EPA SARA Sec. 311/ 312 HAZARD CATEGORIES: ACUTE HEALTH HAZARD - CHRONIC HEALTH HAZARD - FIRE HAZARD

TOXIC SUBSTANCES CONTROL ACT (TSCA): On list.

SARA Title III, Section 313, CHEMICALS: Methyl Ethyl Ketone / 78-93-3, Toluene / 108-88-3

Canada - WHMIS: Workplace Hazardous Materials Information System, has determined that this product must be disclosed as a hazardous ingredient to the extent described in the regulations.

CALIFORNIA Proposition 65 - Chemicals Known to the State to Cause Cancer or Reproductive Toxicity: Toluene / 108-88-3

HMIS RATING: HEALTH 3, FLAMMABILITY 3, REACTIVITY 0

16. OTHER INFORMATION

MSDS PREPARED BY: Director of Chemical Safety

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*** END OF MSDS ***