

MATERIAL SAFETY DATA SHEET

2243 DIE SPOTTING INK

SECTION I - IDENTIFICATION

MANUFACTURER'S NAME B-B CHEMICAL
9600 W OGDEN AVE
LA GRANGE, IL 60525
1-800-323-3040
EMERGENCY PHONE NUMBER Domestic Infotrac 1-800-535-5053
International Infotrac 352-323-3500
RESELLER'S NAME n/a
EFFECTIVE DATE 12/93
REVISED DATE 01/2014
PRODUCT IDENTIFIER KB3 (all colors)
TRADE NAME 2243 DIE SPOTTING INK
CHEMICAL FAMILY n/a

SECTION II - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENTS	PERCENT	TLV (Units)	CAS NUMBER
Nonylphenol Ethoxylate	20%	not established	00916-45-9
Titanium Dioxide	2-4%	10 mg/m3	13463-67-7

SPECIAL . . .

SECTION III - PHYSICAL DATA

BOILING POINT 289 degrees F (142 degrees C)
FREEZING POINT n/a
VOLATILITY/VOL (%) 0%
MELTING POINT liquid
VAPOUR PRESSURE03 mm HG at 68 degrees F
VAPOUR DENSITY (air=1) n/a
SOLUBILITY IN H2O soluble
ODOUR AND APPEARANCE opaque thick liquid
SPECIFIC GRAVITY 1.13
EVAPORATION RATE n/a
PH n/a

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASHPOINT AND METHOD OF DETERMINATION 375 degrees F (190.6 degrees C)
LOWER EXPLOSION LIMIT
(% BY VOL) n/a
UPPER EXPLOSION LIMIT
(% BY VOL) n/a
MEANS OF EXTINCTION Carbon dioxide, dry chemical, alcohol-type or universal type foam
FOR FIRE Use water spray to cool fire-exposed containers and structures. Use self-contained breathing apparatus and protective clothing.
EXPLOSION DATA None known

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SECTION V - HEALTH HAZARD DATA

ROUTES OF ENTRY

SKIN CONTACT	SKIN ABSORPTION	EYE	INHALATION	INGESTION
yes	yes	yes	yes	no

ACUTE AND CHRONIC OVER

EXPOSURE EFFECTS May cause skin and/or eye irritation upon prolonged or repeated contact

CARCINOGENICITY,

REPRODUCTIVE EFFECTS none known

SYMPTOMS May cause irritation when it comes in contact with eyes, skin or is inhaled.

SENSITIZATION TO MATERIAL Respiratory problems may be aggravated by exposure to this product. Typical examples may include, but are not limited to, emphysema, asthma, common cold, etc.

SPECIFIC FIRST AID PROCEDURES . . . EYES - Flush with water. Consult a physician.
SKIN - Flush with water. Consult a physician.
INHALATION - Remove to fresh air. Consult a physician.

SECTION VI - REACTIVITY DATA

CHEMICAL STABILITY stable

CONDITIONS OF REACTIVITY Contact with strong oxidizing agents or reducing agents.

INCOMPATIBLE MATERIALS Strong oxidizing agents, reducing agents and strong acids and bases.

HAZARDOUS DECOMPOSITION

PRODUCTS Burning may produce carbon monoxide or carbon dioxide.

HAZARDOUS POLYMERIZATION will not occur

POLYMERIZATION AVOID n/a

SECTION VII - SPILL OR LEAK PROCEDURE

LEAK AND SPILL PROCEDURES Remove all sources of ignition. Add absorbent and scoop into disposal container.

WASTE DISPOSAL Dispose of in accordance with federal, state and local regulations. Avoid discharge into natural waterways or sewers.

SECTION VIII - SPECIAL PROTECTION

RESPIRATORY PROTECTION not normally required

VENTILATION General ventilation is adequate

PROTECTIVE GLOVES not normally required

EYE PROTECTIVE not normally required

OTHER PROTECTIVE EQUIPMENT not normally required

HANDLING PROCEDURES AND

EQUIPMENT Avoid breathing vapors. Keep away from heat, sparks and flame. Avoid contact with eyes, skin and clothing. Keep container closed. Wash hands and face thoroughly after handling.

Store between 40 degrees F and 120 degrees F. Under these conditions, shelf life is 1 year.

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SECTION IX - SPECIAL PRECAUTIONS

HAZARD CLASS	N/A	1	HMIS HEALTH
DOT SHIPPING NAME	INK	0	HMIS FLAMMABILITY
UN NUMBER	N/A	0	HMIS REACTIVITY
NA #	n/a	N/A	HMIS PERSONAL PROTECTION

OTHER This material is not regulated by ground or air transportation.

U.S. TOXIC SUBSTANCES CONTROL ACT (TSCA):

All components of this product are either listed on the U.S. Toxic Substances Control Act (TSCA) inventory of chemicals or are otherwise compliant with TSCA regulations.

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