

MATERIAL SAFETY DATA SHEET

2243 DIE SPOTTING INK

SECTION I - IDENTIFICATION

MANUFACTURER'S NAME..... STARKEY CHEMICAL PROCESS COMPANY  
 9600 W OGDEN AVE  
 LAGRANGE, IL 60525  
 1-800-323-3040

EMERGENCY PHONE NUMBER... 1-800-323-3040

RESELLER'S NAME..... n/a

EFFECTIVE DATE..... 12/93

REVISED DATE..... 4/2/96

PRODUCT IDENTIFIER..... KB3 (all colors)

TRADE NAME..... 2243 DIE SPOTTING INK

CHEMICAL FAMILY..... n/a

REV. DATE ONLY: 01/02/07

SECTION II - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENTS	PERCENT	TLV (Units)	CAS NUMBER
Nonylphenol Ethoxylate	20%	not established	009016-45-9

SPECIAL...

SECTION III - PHYSICAL DATA

BOILING POINT..... 289°F (142°C)

FREEZING POINT..... n/a

VOLATILITY/VOL(%)..... 0%

MELTING POINT..... liquid

VAPOUR PRESSURE..... .03 mm of Hg @ 68°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°F (190.6°C)

LOWER EXPLOSION LIMIT(% BY VOL)..... n/a

UPPER EXPLOSION LIMIT(% BY VOL)..... n/a

MEANS OF EXTINGUISHMENT..... 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**  
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ROUTES OF ENTRY	SKIN ABSORPTION	EYE	INHALATION	INGESTION
SKIN CONTACT	yes	yes	yes	no
ACUTE AND CHRONIC OVER EXPOSURE EFFECTS	May cause skin and/or eye irritation upon prolonged repeated contact.			
CARCINOGENICITY, REPRODUCTIVE EFFECTS, SYMPTONS	n/a			
SENSITIZATION TO MATERIAL	May cause irritation when it comes in contact with eyes, skin or is inhaled.			
SPECIFIC FIRST AID PROCEDURES	Respiratory problems may be aggravated by exposure to this product. Typical examples may include, but are not limited to, emphysema, asthma, common cold, etc.			
	EYES: flush with water, consult a physician.			
	SKIN: flush with water, consult a physician.			
	INHALATION: remove to fresh air, consult a physician.			

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**SECTION VI - REACTIVITY DATA**  
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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

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**SECTION VII - SPILL OR LEAK PROCEDURE**  
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LEAK AND SPILL PROCEDURES	Remove all sources of ignition. Add absorbant and scoop into disposal container.
WASTE DISPOSAL	Dispose of in accordance with federal, state and local regulations. Avoid discharge into natural waterways or sewers.

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**SECTION VIII - SPECIAL PROTECTION**  
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RESPIRATORY PROTECTION	not normally required
VENTILATION	General ventilation is adequate.
PROTECTIVE GLOVES	not normally required
EYE PROTECTION	not normally required
OTHER PROTECTIVE EQUIPMENT	not normally required

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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°F-120°F. Under these conditions, shelf life is 1 year.

SECTION IX - SPECIAL PRECAUTIONS

HAZARD CLASS..... n/a
DOT SHIPPING NAME... INK
UN NUMBER..... n/a
NA #..... n/a

1 HMIS HEALTH
0 HMIS FLAMMABILITY
0 HMIS REACTIVITY
n/a HMIS PERSONAL PROTECTION

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

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