

M A T E R I A L S A F E T Y D A T A S H E E T

ITEM NUMBER: 903012

DATE PRINTED:

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PAGE: 1

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

TRADE NAME : EPS-2901 BLACK EXP 5522-111-02
PRODUCT TYPE .. : InkJet ink; water based; nonflammable

MANUFACTURER .. :
ADDRESS :

PREPARER: Mark King
REASON FOR MSDS ISSUE: New manufacturing company name
MSDS VERSION: D

2. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL FAMILY: WATER/PYROLIDONE/DYE

HAZARDOUS COMPONENTS	CAS #	WEIGHT %
PYROLIDONE, 2-	616-45-5	5-15%
Manufacturer recommends PEL 100 ppm.		
UREA	57-13-6	1-10%
No PEL established.		
GLYCOL ETHER	EL PROP 184	1-10%
No PEL established. SARA III Sec 313 (18) reportable.		
ISOPROPYL ALCOHOL	67-63-0	1-10%
ACGIH TWA-TLV 400 ppm.		

The New Jersey Trade Secret Registration Number of proprietary ingredients is controlled by the SENSIENT IMAGING TECHNOLOGIES product item number. Ingredients not precisely identified are proprietary or non-hazardous. Values are not product specifications.

3. HAZARDS IDENTIFICATION

HMIS CODES: H F R P
1 0 0 C

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE
None reported or known to exist for the product unless listed here:

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE
Eye/skin: May cause irritation.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE
May cause gastrointestinal irritation, vomiting, nausea, and diarrhea.

ACUTE HEALTH HAZARDS
Moderate eye and skin irritation.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE
None known or determined for the product

CHRONIC HEALTH HAZARDS
None known or determined for the product.

CARCINOGENICITY
Product not tested. IARC, NTP, OSHA listed carcinogen components equal to or greater than 0.1% by weight will be listed in paragraph 2 and described as carcinogens, if any.

M A T E R I A L S A F E T Y D A T A S H E E T

ITEM NUMBER: 903012

DATE PRINTED:

8/4/2003

PAGE: 2

4. FIRST AID MEASURES

EMERGENCY AND FIRST AID PROCEDURES

Swallowed: Do NOT induce vomiting. Call a doctor and contact local poison control center immediately.

Eye contact: Flush eyes thoroughly with water. Seek medical attention if irritation persists.

Skin contact: Wash contaminated areas with soap and water.

Inhaled: Remove victim to fresh air.

5. FIRE FIGHTING MEASURES

FLASH POINT: N/A (Non-flammable water based)

METHOD USED: NA

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: NA

UPPER: NA

EXTINGUISHING MEDIA: NA

SPECIAL FIREFIGHTING PROCEDURES: NA

UNUSUAL FIRE AND EXPLOSION HAZARDS: NA

6. ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Soak up on paper or other absorbent and scoop into closed containers.

Flush area with plenty of water.

7. HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Storage temperature: Standard room temperature (68 degrees Fahrenheit).

Special sensitivity: Heat, light, moisture.

Precautions: Keep container closed. Store away from traffic.

OTHER PRECAUTIONS

None.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

RESPIRATORY PROTECTION:

Not necessary.

VENTILATION:

Mechanical ventilation is acceptable.

PROTECTIVE GLOVES:

Rubber

EYE PROTECTION:

Goggles or safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

Impervious clothing where skin contact is unavoidable; eyewash station.

WORK/HYGIENIC PRACTICES:

Avoid contamination of food, drink, etc. No smoking when handling.

M A T E R I A L S A F E T Y D A T A S H E E T

ITEM NUMBER: 903012

DATE PRINTED:

8/4/2003

PAGE: 3

9. PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT: > 200ø F

VAPOR PRESSURE (mm of Hg): ND

EVAPORATION RATE (BUTYL ACETATE=1): > 1

PHYSICAL STATE: Liquid

ODOR: Mild

SPECIFIC GRAVITY (H2O=1): 1-1.1

VAPOR DENSITY (AIR = 1): > 1

MATERIAL VOC: Not measured

COLOR : BLACK

SOLUBILITY IN WATER: Complete

10. REACTIVITY

STABILITY:

Stable

CONDITIONS TO AVOID:

None known

INCOMPATIBILITY (MATERIALS TO AVOID):

Oxidizing materials and strong acids.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

Oxides of carbon and nitrogen.

HAZARDOUS POLYMERIZATION:

None

11. TOXICOLOGICAL INFORMATION

No information available.

12. ECOLOGICAL INFORMATION

No information available.

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD

Waste shall be disposed of in accordance with federal, state, and local environmental control regulations.

14. TRANSPORTATION INFORMATION

D.O.T. SHIPPING NAME:

Not regulated.

15. PRODUCT REGULATORY INFORMATION

OSHA STATUS:

Product not tested. It is not considered to be toxic per 29CFR1910.1200 but is considered to be a skin/eye irritant.

USA TSCA STATUS:

This product meets the requirements of the Toxic Substances Control Act.

INTERNATIONAL EXPORT/IMPORT STATUS:

Not determined for every country. Contact SENSIENT IMAGING TECHNOLOGIES for certification if required.

Formulas are proprietary, so ingredient lists may only be released to Customs/Health offices designated to control trade secrets.

SARA TITLE III SECTION 313 TOXIC CHEMICALS:

Product not listed. SARA listed ingredients at or above De Minimis reporting levels are noted in

M A T E R I A L S A F E T Y D A T A S H E E T

ITEM NUMBER: 903012

DATE PRINTED:

8/4/2003

PAGE: 4

paragraph 2, if any.

RCRA HAZARDOUS WASTE NUMBER/STATUS:

If discarded in its purchased form, this product would not be a federal hazardous waste either by listing or by characteristic. States, however, often have stricter criteria. Users should check with their state regulatory agencies for current hazardous waste criteria. Under RCRA it is the responsibility of the product user to determine at the time of disposal whether a material containing the product or derived from the product should be classified as a hazardous waste (40CFR261.20-24).

OZONE-DEPLETING CHEMICALS:

No regulated ingredients.

NEW JERSEY

REPORTABLE COMPONENTS

CAS

WATER	7732-18-5
DYE, NONHAZARDOUS	SUPPLYPROP54
PYRROLIDONE, 2-	616-45-5
UREA	57-13-6
GLYCOL SOLVENT	F/L PROP 158

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CALIFORNIA PROPOSITION 65 (CARCINOGENS):

REPORTABLE COMPONENTS

CAS

WEIGHT %

NONE UNLESS LISTED, AS FOLLOWS:

CALIFORNIA PROPOSITION 65 (REPRODUCTIVE TOXINS):

REPORTABLE COMPONENTS

CAS

WEIGHT %

NONE UNLESS LISTED, AS FOLLOWS:

16. OTHER INFORMATION

All information appearing herein is based upon data obtained from the manufacturer and/or recognized technical sources. This information is believed to be correct, but does not purport to be all inclusive and shall be used only as a guide. SENSIENT IMAGING TECHNOLOGIES makes no warranty, express or implied, as to the accuracy or completeness of this information. It is the user's responsibility to determine the suitability of this information for the adoption of necessary safety precautions and/or compliance with federal, state, and local laws and regulations.