

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

I. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

TRADE NAME: WATER BASED GEL INK
PRODUCT TYPE: GEL INK

MANUFACTURER: PIONEER INK
ADDRESS: 7909 SILVERTON AVE, SUITE 208
SAN DEIGO, CA 92126

EMERGENCY PHONE (CHEMTREC 24 HOUR): 800-424-9300
INFORMATION PHONE: 858-695-2816
REASON FOR MSDS ISSUE: NEW INFORMATION
MSDS VERSION: N/A

II. COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS COMPONENTS	CAS #	WEIGHT %
GLYCOLS OSHA: NOT ESTABLISHED;	PROPRIETARY ACGIH: NOT ESTABLISHED	10-30%
PIGMENTS OSHA: NOT ESTABLISHED;	PROPRIETARY ACGIH: NOT ESTABLISHED	5-15%

The New Jersey Trade Secret Registration Number of proprietary
The PIONEER INK product item number controls ingredient.
Ingredients not precisely identified are proprietary or non-hazardous.
Values are not product specifications.

III. HAZARDS IDENTIFICATION

HMIS CODES: H F R P
1*1 0 B

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE
None reported or known to exist for the product.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE

Absorbed through skin: None known

Eye/skin: May cause irritation / sensitization.

Skin: May cause sensitization and/or allergic reaction if over exposed.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

May cause gastrointestinal irritation, vomiting, nausea, and diarrhea.

ACUTE HEALTH HAZARDS

None known or determined for the product

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.

IV. 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.

INHALATION: Remove victim to fresh air.

V. FIRE FIGHTING MEASURES

FLASH POINT: NON-FLAMMABLE WATER BASED INK

AUTO IGNITION: NOT ESTABLISHED

LEL: NOT ESTABLISHED

UEL: NOT ESTABLISHED

EXTINGUISHING MEDIA: NOT APPLICABLE

SPECIAL FIREFIGHTING PROCEDURES: NOT APPLICABLE

UNUSUAL FIRE AND EXPLOSION HAZARDS: NOT APPLICABLE

VI. 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. Prevent run-off from entering drains or sewers.

VII. HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Storage temperature: Standard room temperature (68 F or 20 C).

Special sensitivity: Heat, light, moisture.

Precautions: Keep container closed. Store away from traffic.

OTHER PRECAUTIONS

None.

VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

RESPIRATORY PROTECTION: NONE REQUIRED

VENTILATION: MECHANICAL VENTULATION IS ACCEPTABLE

PROTECTIVE GLOVES: CHEMICAL RESISTANT

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. WASH THOROUGHLY AFTER HANDLING PRODUCTS.

IX. PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT:	212 F OR 100 C
SPECIFIC GRAVITY (H ₂ O=1):	~ 1
VAPOR PRESSURE (mm of Hg):	NOT ESTABLISHED
VAPOR DENSITY (AIR = 1):	> 1
EVAPORATION RATE (BUTYL ACETATE=1):	ND
MATERIAL VOC:	NOT MEASURED
PHYSICAL STATE:	VISCOUS LIQUID
ODOR:	MILD
SOLUBILITY IN WATER:	COMPLETE
COLOR: BLACK Z-50100	BLUE Z-51100
GREEN Z-56100	RED Z-52100

X. REACTIVITY

STABILITY:	STABLE
CONDITIONS TO AVOID:	NONE KNOWN
INCOMPATIBILITY (MATERIALS TO AVOID):	STRONG OXIDIZERS
HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:	NONE KNOWN
HAZARDOUS POLYMERIZATION:	WILL NOT ACCUR
AVOID:	NONE

XI. TOXICOLOGICAL INFORMATION

No information available for product.

XII. ECOLOGICAL INFORMATION

No information available for product.

XIII. DISPOSAL CONSIDERATIONS

WASTE SHALL BE DISPOSED OF IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL ENVIRONMENTAL CONTROL REGULATIONS.

XIV. TRANSPORTATION INFORMATION

D.O.T. SHIPPING NAME: NOT REGULATED

XV. PRODUCT REGULATORY INFORMATION

OSHA STATUS: These products are identified as hazardous under the OSHA HAZARD COMMUNICATION STANDARD (29CFR1910.1200) due to the presence of the ingredient(s) cited above.

USA TSCA STATUS: This product meets the requirements of the Toxic Substances Control Act.

SARA TITLE III SECTION 313 TOXIC CHEMICALS: These products are reportable due to the presence of the ingredient(s) cited above.

CALIFORNIA PROPOSITION 65 (CARCINOGENS):

REPORTABLE COMPONENTS	CAS #	WEIGHT %
NONE KNOWN		

CALIFORNIA PROPOSITION 65 (REPRODUCTIVE TOXINS):

REPORTABLE COMPONENTS	CAS #	WEIGHT %
NONE KNOWN		

XVI. 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. PIONEER INK 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.

THIS IS THE END OF THE MSDS ID# WATER BASED GEL INK