



**MATERIAL SAFETY DATA SHEET**  
**PAGE TWO**  
**GENESIS® VEA INK FILM STABILITY ENHANCER**

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**PHYSICAL AND CHEMICAL CHARACTERISTICS**  
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PHYSICAL STATE:..... LIQUID  
ODOR AND APPEARANCE:..... NONE / AMBER COLOR  
SPECIFIC GRAVITY:..... 0.91-0.93 @ 68° F.  
VAPOR PRESSURE:..... < 10 mm Hg @ 20°c.  
EVAPORATION RATE:..... N / A  
BOILING POINT:..... N / A  
VOLATILE (BY WEIGHT %):..... 0 @ 25° C.  
VOC'S:....( see test standards pp 4 )..... 0.0 lbs / U.S. gal per method 24  
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**FIRE AND EXPLOSION DATA**  
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FLASHPOINT:..... GT 200° F / 93.4° C ASTM D-92  
LOWER EXPLOSION LIMIT (% BY VOL):..... N / A  
AUTO-IGNITION TEMPERATURE:..... NE  
EXTINGUISHING MEDIA:..... Dry chemical or water fog or CO2 of foam  
or sand / earth. Closed containers exposed to  
fire may be cooled with water.  
SPECIAL FIRE FIGHTING PROCEDURES:..... Wear self-contained breathing apparatus and  
full protective clothing. Apply water from a  
safe distance to cool container and protect  
surrounding area. Avoid contact with hot liquid.

**UNUSUAL FIRE AND EXPLOSION**

HAZARDS:..... None.  
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**HEALTH HAZARDS**  
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**Primary Route(s) of exposure & possible  
effects of overexposure**

Inhalation:..... Liquid vapor / mist may irritate the nasal passages and throat.  
Severe overexposure may result in loss of coordination, dizziness  
and central nervous system depression.  
Skin contact:..... Irritation with prolonged contact may be absorbed through skin in  
harmful amounts. Repeated / prolonged skin contact can defat skin  
causing redness, cracking and drying.  
Ingestion:..... This product may be harmful if swallowed. Ingestion may cause  
discomfort, nausea, and central nervous system depression.  
Eye contact:..... Can cause irritation. Contact lenses should never be worn in a  
printing environment.

**EMERGENCY AND FIRST AID**

EYES:..... Immediately flush eye with plenty of water for 15 minutes while forcibly  
holding eyelids apart to ensure complete irrigation to all eye and lid  
tissues. Seek immediate medical attention if irritation persists.

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SKIN:..... Wash hands or contact area with soap and water. If clothing is penetrated, remove contaminated clothing and wash skin with soap and water. Wash clothing before reuse.

INHALATION:..... If effected by vapors, get fresh air. Working environment should maintain air changes to OSHA standards.

INGESTION:..... Get medical attention. Product could be slightly toxic. May cause headache, nausea, vomiting, diarrhea, dizziness, drowsiness, and incoordination.

**MEDICAL CONDITIONS AGGRAVATED**

BY CONTINUED EXPOSURE:.... Preexisting dermatitis may be aggravated by exposure to this product.

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**REACTIVITY DATA**

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CHEMICAL STABILITY:..... Stable

INCOMPATIBLE MATERIALS:..... Strong oxidizing agents

HAZARDOUS DECOMPOSITION

PRODUCTS:..... Carbon dioxide and carbon monoxide during combustion

HAZARDOUS POLYMERIZATION:..... Will not occur

CONDITIONS TO AVOID:..... None

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**SPECIAL PRECAUTIONS AND SPILL / LEAK PROCEDURES**

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LEAK AND SPILL PROCEDURES:..... Prevent entry into sewers and waterways. Absorb small amounts with inert material for disposal. Sweep up and dispose of in accordance with federal, state and local regulations.

WASTE DISPOSAL:..... dispose of in accordance with state, local and federal regulations. Non-hazardous for RCRA disposal.

HANDLING PROCEDURES AND EQUIPMENT:..... For industrial use only

STORAGE PRECAUTIONS:..... Store at ambient temperature away from oxidizing materials

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**SPECIAL PROTECTION INFORMATION / CONTROL MEASURES**

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RESPIRATORY PROTECTION:..... Not required under normal use conditions

VENTILATION:..... Not required

PROTECTIVE GLOVES:..... Chemical Resistant

EYE PROTECTION:..... Safety Eyewear

OTHER PROTECTIVE EQUIPMENT:..... Not Required

WORK AND HYGIENIC PRACTICES:..... Wash hands after handling

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**FEDERAL / STATE / CANADA / INTERNATIONAL RIGHT TO KNOW**  
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**CALIFORNIA PROPOSITION 65**

This product contains no levels of listed substances, which the State of California has found to cause cancer, birth defects or other reproductive harm which would require a warning under the statute.

Delaware Air Quality Management List.....	N/P
Florida Toxic Substances.....	N/P
Massachusetts Hazardous Substances.....	N/P
Michigan Critical Materials.....	N/P
Minnesota Hazardous Substances.....	N/P
New Jersey RTK Hazardous Substances.....	N/P
New Jersey TCPS Extraordinarily Hazardous Substance List.....	N/P
New York List of Hazardous Substances.....	N/P
Pennsylvania Hazardous Substances.....	N/P
Washington Permissible Exposure Limits for Air Contaminants.....	N/P
WHMIS (Canada) Ingredient disclosure list:.....	N/P
WHMIS (Canada) status:.....	N/P
Australia AICS.....	X
Canada DSL.....	X
European Union EINECS.....	X
European Union ELINCS.....	X
Japan ENCS/MITI.....	X
Korea ECL.....	X
Philippines PICCS.....	X

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**OTHER**  
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Method 24 = Analyzed as per 40 CFR Part 60 Method 24

% water = Analyzed as per ASTM Method D4017-90

Flash Point = ASTM D-92

GT = Greater Than

LT = Less Than

EHLS = Extremely Hazardous Sub List

NA = Not Applicable

NE = None Established

N / P = No Applicable Information Found

X = All components are included or otherwise complies with CEPA, EINECS, NICNAS, MITI new substances notification requirements.

N / C = Not Classified

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**International Regulations**

**Chemical Weapons Convention (CWC):** This product does not contain any component(s) listed under the Chemical Weapons Convention Schedule of Chemicals.

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**TSCA**  
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All components are included in the EPA Toxic Substances Control Act Chemical Substance Inventory.

Amerikal Products Corporation has compiled the information and recommendations contained in this Material Safety Data Sheet from sources believed to be reliable and to represent the most reasonable current opinion on the subject of the information. The users of this product must decide for themselves what safety measures are necessary to safely use this product alone or in combination with other products. "Genesis®" Lithographic Chemicals and Products are a U.S., EC, South American, and Scandinavian Trademark solely owned by Amerikal Products Corporation.

NFPA: Copyright ©2001, National Fire Protection Association, Quincy, to be interpreted and applied only by properly trained individuals to identify fire, health and stability hazards of chemicals. The user is referred to the recommended classifications of certain chemicals in the NFPA Guide to Hazardous Materials which should be used as a guideline only. Whether the chemicals are classified by NFPA or not, anyone using the 704 system to classify chemicals does so at their own risk.