MATERIAL SAFETY DATA SHEET

NAME: Water Based Ink CAS NO: NA

A-IDENTIFICATION								
<u>Composition</u>	%	Formula: Mixture						
Water		Molecular Weight: NA						
Dyestuff		Synonyms: OPTEX						
Pigment			(ZI	EB-RITE	Ε)			
Resin								
Water Miscible Humectant								
B-PHYSICAL DATA								
Boiling Point	Mel	ing Point			Freezing Point			
F nore than 100 C	F		A C		F NA C			
Specific Gravity	Vap	er Density(air=1)		Vaper P	ressure @ 20C			
					NA mmHg			
1.1~1.3	NA							
	on in Air	_		Autoign	ition Temperature			
(by vol	ume@	F)						
. 1	NT A			NT A				
>1 % Volatiles	NA	bility in Water		NA	F NA C			
% Volatiles	5010	binty in water		pН	NA			
	solu	blo		рп	NA			
Appearance Odor	solu	bie						
Colored flu	id							
Flash Point and	la							
Test Method(s) NA								
Flammable Limits in air								
(% by volume) Lower	%	Upper			%			
C-REACTIVITY								
Stability × Stable Unstabl	e	Polymerization		may occ	x will not occur			
Condition to Aviod		2		ndition to				
Product is noninflammable		NA						
Incomprable Materals					Decomposition Products			
Strong Oxidizers		Thermal degradation may produce oxides of carbon and nitrogen						
and various hydrocarbons.								
*IF MULTIPLE INCREDIENTS, INCLUDE CAS NUMBERS FOR EACH NA=NOT AVAILABLE								
1								
					D 1			

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D-HEALTH HAZARD DATA

Occupational Exposure Limits PEL's, TLV's, ete

8-Hour TWA's: NA

Warming Signals

	NA						
Routine / Effects of Exposure							
1.Inhalation	No adverse effects anticipated from normal use.						
2.Ingestion	No adverse effects anticipated from normal use .						
3.Skin	<u>a.Contact</u> No adverse effects anticipated from normal use . Irritation may occur if contact is prolonged / repeated .						
	<u>b.Absorption</u> No adverse effects anticipated from normal use .						
4.Eye Contact	If splashed into eye, irritation can occur.						
5.Other	NA						
E-ENVIRO	NMENTAL IMPACT						
1.Applicable reg	ulations NA						
2.DOT Hazard O 3.DOT Shiping 1							
Environmental E	iffect NA						

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F-EXPOSURE CONTROL METHODS
Engineering Controls
None under normal use conditions.
Eye Protection
None under normal use conditions.
Skin Protection
None under normal use conditions.
Respiratory Protection
None under normal use conditions.
Other
Product is non-hazardous when used as directed in an office/room with normal air condition .
G-WORK PRACTICES
Handling and Storage
NA
1121

Nomal Clean Up

Pick up spills with towels , tissuses , etc .

Waste Disposal Methods

Dispose in accordance with applicable federal, state and local laws.

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	RGENCY PROCEDURES					
Steps to be	taken if material is released to the envi Not applicable	ironment or spilled in the work area				
Fire and Ex	plosion Hazard	Extinguishing Media				
	NA					
Firefighting	g Procedures					
	NA					
I-FIRST	AID AND MEDICAL EMER	RGENCY PROCEDURES				
Eyes	Flush eyes with plenty of water . If irritation persists , obtain medical attention .					
Skin	Wash with soap and water .					
Inhalation	No adverse effects anticipated from normal use .					
Ingestion	Consult physician.					
Note to Phy	ysician					

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