	#96066					IRM		
Gaithersburg,	ssional Drive			100	/			
MA NAME: LIQUID PAPER JUST F	TERIAL SAI			EET				
CAS NO: NA				e Date: 8/1/89	Rev:2			
A IDENTIFICATION		n						
Composition* Titanium Dioxide (13463-67-		% Formula:		NA				
Water (7732-18-5)		Molecular Wei	Molecular Weight: NA					
Polymer Ethyl Alcohol (64-17-5) Methyl Alcohol (67-56-1) Colorants Dispersants		Synonyms						
Colorants, Dispersants								
B. – PHYSICAL DATA								
Boiling Point		ng Point		Freezing Poi		_		
<u>NA</u> °F <u>NA</u> °C	<u>NA</u>	°F <u>NA</u>	_°c	<u>NA</u> °F	NA	°c		
Specific Gravity (H ₂ O=1) Vapor D 		nsity (air=1) NA		Vapor Pressure @ ^O F NA mmHg				
Evaporation Satu (=1) (by volume@		on in Airo _F)		Autoignition Tem <u>NA</u> ^O F	perature <u>NA</u>	°C		
% Volatiles (by volume) Solub		ity in Water NA		рн NA				
Appearance/Odor White fluid	l with a slig	ht alcohol od	or					
Flash Point and 86°F (Clos Test Method(s)	sed Cup)				- , <u> </u>			
Flammable Limits in Air (% by volume) Lower_	NA	%	Uppe	er NA	_ %			
C. – REACTIVITY								
Stability Conditions to Avoid		Polymerizatio	on	Conditions to Avoid				
stable X Open Flame.		may occur						
unstable High tempera	High temperature sources.		ur χ	NA				
Incompatible Materials Strong	Thermal d	Hazardous Decomposition Products Thermal degradation, e.g. open flame, can produce oxides of carbon and nitrogen.						
*IF MULTIPLE INGREDIENTS INC	LUDE CAS NU	MBERS FOR EA	чсн	NA=NOT A	VAILABLE			
Footnotes: NA								

GMEL # 644

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D HEALTH HAZARD DATA-					
Occupational Exposure Limits (PEL'S, TLV'S, etc.) 8 Hour TWA's: Ethyl Alcohol - 1000 ppm (OSHA/ACGIH) Methyl Alcohol - 200 ppm (OSHA/ACGIH - skin notation)					
Titanium Dioxide - 10 mg/cu m (OSHA/ACGIH) These levels are not anticipated under foreseeable use conditions.					
Warning Signals NA					
NA .					
Routes/Effects of Exposure 1. Inhalation					
None anticipated under foreseeable use conditions. If vapors are deliberately concentrated and inhaled (abuse), respiratory irritation and other alcohol toxicity symptoms may occur.					
2. Ingestion					
None anticipated under foreseeable use conditions. Ingestion may produce gastric irritation, as well as other symptoms of alcohol toxicity.					
3. Skin ,					
a. Contact					
Mild irritation may occur if contact is prolonged/repeated.					
b. Absorption					
None anticipated under foreseeable use conditions.					
4. Eye Contact					
Irritation					
5. Other					
NA					
E ENVIRONMENTAL IMPACT					
1. Applicable Regulations					
2. DOT Hazard Class – NA 3. DOT Shipping Name –					
Environmental Effects 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 circulation.

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G. - WORK PRACTICES

Handling and Storage

No unusual handling or storage when used as directed. When stored in large quantities (as in warehouse), it should be in a well ventilated, cool area.

Normal Clean Up

Pick up spills with towels, tissues, etc. and place in trash.

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Waste Disposal Methods

Dispose as regular trash.

9601e6 400~/ H. -- EMERGENCY PROCEDURES Steps to be taken if material is released to the environment or spilled in the work area Not applicable Extinguishing Media Fire and Explosion Hazard As with dilute alcohol. Carbon dioxide, dry chemical, foam, water fog. Firefighting Procedures In fires involving large quantities of product, self-contained breathing apparatus should be used. I. - FIRST AID AND MEDICAL EMERGENCY PROCEDURES. Eves Flush with plenty of water. If irritation persists, obtain medical attention. Skin Wash with soap and water. Inhalation None normally anticipated. In an abuse situation, remove to fresh air and seek medical attention. Ingestion Consult physician. Notes to Physician Ethyl alcohol contains methyl alcohol as a denaturant.

The information contained in the Material Safety Data Sheet is based on data considered to be accurate, however, no warranty is expressed or implied regarding the accuracy of the data or the results to be obtained from the use thereof.