MIS196



HILLSBORO ELEMENTARY SCHOOLS	MATERIAL SAFET
215 S.E. 6th Ave. HILLSBORO, OR 97123	

MATERIAL SAFETY DATA SHEET

ALAR - ---

SC 0012

	MATERIAL	SAFETY	DATA	SHEET
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NAME: LIQUID PAPER PEN AND INK CORRECTION FLUID

CAS NO: NA		E	Effectiv	e Date:	8/22/9	0Rev:	4
		8 · · · · · ·	• °•	~~ <u>}</u>	* 0 · *% c	· 8 8 8	.
Composition*	%	Formula:		Mixtur	e		
1,1,1-Trichloroethane (71-55-6) Titanium Dioxide (13463-67-7)		Molecular We	eight:		VA		
Resins, Dispersants, Colorants							<u></u> .
Mustard 011 (57-06-7)		Synonyms	•				•
				Pen an	d Ink		
B - PHYSICAL DATA							37/
-	Melting Poi		<u> 096 4 91</u>		Freezing P		0.4
$\frac{165}{F} \circ_{F} \frac{74}{C} \circ_{C} \frac{NA}{F}$	°F	NA	°c	N	4 °F		°c
	por Density	(air=1)		Vapor Pre		68	°F
<u>1.32 @ 25/250C</u>	~4.5				100	ſ	nmHg
	Saturation in	n Air		Auto	ignition Te	•	
(<u>Ether</u> =1) (by volume Slower	(by volume @°F) NA %		°C°C°C°C				
	olubility in 1	 Nater					
~ 50	< 1%			рН	<u>N</u> /	4	_
Appearance/Odor White fluid with a	nungent	solvent o			<u></u>		
Flash Point and					····		
Test Method(s) None (Closed Cup)	Produc	t is non-	-T I amn	adie.			
Flammable Limits in Air (See Section H) (% by volume) Lower NA	*		Uppe	. 1	AV	3	
	×	•				~	<u> </u>
	*** *** 	<u>, , , , , , , , , , , , , , , , , , , </u>	<u>.</u>	• • • •	<u> </u>	#	•
Stability Conditions to Avoid stable v Contact with open flam		Polymerizatic may occur		Conditions to Avoid NA			
unstable Sources.	• -	will not occ	zur χ				
Incompatible MaterialsFor solvent: strong all	kalis/	Hazardous De	لتلم	ition Produc	ts Thern	al degra	 ada-
oxidizers; aluminum, zinc and other reactive metals (e.g. potassium, sodi	t	ion, e.g.	open.	flame, d	an prod	luce sma	11
magnesium.)	c	<u>hlorine.</u>					<u> </u>
ALE WORDER AND	SNUMBE	rsfore	ÂN.		AFNOU	AVAILA	<u>N3</u>
Footnotes: Physical data except for	e q Vala	tilos mo	fored		Tuichla	maastin	
Physical data, except for		- (182) (B	141,2 1	.∪ işîşî⇒	1110110	rvernane	:•

D HEALTHIHAZARD DATA			1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1
Occupational Exposure Limits (PEL'S, TLV'S, etc.)		······	
8 Hour TWA's: 1,1,1-Trichloroetha			
Titanium Dioxide - These levels are not anticipated u			Ç
Warning Signals			
NA		-	
Routes/Effects of Exposure 1. Inhalation NO adverse effects antici ately concentrated and inhaled (ab irritation, dizziness, drowsiness, sensitization (abnormal heartbeat) product as an abuse deterrent.) 2. Ingestion	use), the following headache, nausea,	symptoms may occur: unconsciousness, car	respiratory diac
No adverse effects anticipated fro most of the symptoms described abo than 5 ml/kg or between 1 pint and <u>Clinical Toxicology of Commercial</u> a. Contact	ve may occur. Est	imated LD50 in rats i	s greater
No adverse effects anticip contact is prolonged/repea		se. Irritation ma	y occur if
b. Absorption			
No adverse effects anticip through skin (prolonged co Estimated L050 in rabbits	ntact), but not lil	kely in acutely toxic	
4. Eye Contact		•	
Irritation			
5. Other			
NA			
e, - environmental impage. · ·	on_* a\$ \$		
1. Applicable Regulations			
2. OOT Hazard Class — 3. DOT Shipping Name —	NA	••	
Environmental Effects			
· · · ·	NA		
			(F)
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		GMEL # 7/)1