Material Safety Data Sheet May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

U.S. Department of Labor

Occupational Safety and Health Administration (Non-Mandatory Form) Form Approved



OMB No. 1218-0072 IDENTITY (As Used on Label and List) Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that R100 Rolling Writer (Roller Pen) Section 1 Manufacturer's Name Emergency Telephone Number (800) 421-1419 Pentel of America, Ltd. Address (Number, Street, City, State, and ZIP Code) Telephone Number for Information 2715 Columbia Street (310) 320-3831 Date Prepared Torrance, CA 90503 3/8/93 Signature of Preparer (optional) Quality Assurance Department Section II — Hazardous Ingredients/Identity Information Other Limits Hazardous Components (Specific Chemical Identity; Common Name(s)) OSHA PEL ACGIH TLV Recommended % (optional) Ethylene glycol N/A 10% N/A N/A Section III — Physical/Chemical Characteristics ≟Boiling Point Specific Gravity (H₂O = 1) 386.6 N/A Napor Pressure (mm Hg.) Melting Point N/A N/A Vapor Density (AIR = 1) Evaporation Rate N/A (Butyl Acetate = 1) N/A Solubility in Water Miscible Appearance and Odor N/A Section IV — Fire and Explosion Hazard Data ≥Flash Point (Method Used) Flammable Limits UEL 240°F N/A N/A N/A Extinguishing Media N/A Special Fire Fighting Procedures N/A Unusual Fire and Explosion Hazards N/A

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Section V	Reactivity Dat	ta							
Stability	Unstable		Conditions to Avoid						
	Stable	x	N/						
Incompatibilit	y (Materials to Avoid)							
Hazardous De	composition or Byproc	ducts							
Hazardous Polymerization	May Occur	T	Conditions to Avoid	-	· · · · · · · · · · · · · · · · · · ·				
,	Will Not Occur	+							
Section VI	- Health Hazard	Data	lN/	Α					
Route(s) of En	try: inh	alation?		Skin? N/A		ı	ngestion? N/A		
Health Hazard	s (Acute and Chronic)			N/A			N/A		
						 			
				<u> </u>					
Carcinogenicity		P? /A		MRC Mo	nographs?	C	OSHA Regulated? N/A		
-	N.	/ R		N/A			N/A		
Signs and Sym	ptoms of Exposure	/>	 	·					
	N	/A							
Medical Conditi	ions avated by Exposure	N/A			·				
					· · · · · · · · · · · · · · · · · · ·	<u> </u>			
Emergency and	First Aid Procedures	Fluch	with water						
		e rusii	widi water						
Section VII	- Precautions f	or Safe	Handling and Use			•			
	ken in Case Material	s Releas							
		Lusii	with water						
						· · · · · · · · · · · · · · · · · · ·			
Waste Disposal	Method	- Von−ha	azardous waste	·	···-				
					<u> </u>				
Precautions to E	Be Taken in Handling	and Sto				<u> </u>			
			None						
Other Precaution	ns					-			
		_	None		· · · · · · · · · · · · · · · · · · ·				
Section VIII	— Control Meas	urae			<u></u>				
	ection (Specify Type)		<u> </u>	<u>. – </u>					
Ventilation	N/A Local Exhaust				Special				
	Mechanical (General	N/		Other		N/A			
Protective Glove	[N/		Eye Pro		N/A			
		N/	A	Eye Fit		N/A			
	Clothing or Equipmen	nt N/	'A						
Work/Hygienic P	ractices N/A				<u> </u>		ТМ		

Section V ~	- Reactivity Da	ta							
Stability	Unstable	Conditions to	Void					······································	
	Stable	x		N/	'n				
Incompatibility	(Materials to Avoid		1						
Hazardous Deco	emposition or Bypro	ducts		<u></u>	<u> </u>		<u> </u>		
Hazardous Polymerization	May Occur Will Not Occur		Conditions to A	\void 					
	VVIII IVA CCCCI	x		N/	'A.				
	- Health Hazar	·							
Poute(s) of Entry: Inhalation? N/A				Skin? N/A				Ingestion? N/A	
Health Hazards	(Acute and Chronic)								
		•			 				
									
Carcinogenicity	N1	IP?			IARC Mono	praphs?		OSHA Requisited?	
)	I/A			N/A		 <u>-</u> -	OSHA Regulated? N/A	
Signs and Symp	toms of Exposure								
·	1	I/A							
Medical Conditio	ne							<u> </u>	
Generally Aggrav	rated by Exposure	N/A							
	· · · · · · · · · · · · · · · · · · ·								
Emergency and	First Aid Procedure	s Flush	with wate	r					
									
Section VII -	- Precautions	for Safe	Handling a	nd Use		·····	<u>-</u>		
Steps to Be Take	en in Case Material	Is Releas	sed or Spilled						
		Flusn	with wate	Ţ					
					· · · · · ·		_		
Waste Disposal I	Method	-				-			
		Non-h	azardous w	aste				·	
							<u> </u>		
Precautions to B	e Taken in Handling	g and Sto		one					
					·····				
Other Precaution	s		37						
			N	one				<u> </u>	 .
O 12 1400									
	 Control Mea ction (Specify Type) 					· · · · · · · · · · · · · · · · · · ·			
		N,	/A						
Ventilation	Local Exhaust	N,	/A		S	Special	N/A		
ļ	Mechanical (Gener	æ/ì	/A	 	9	Other	N/A		
Protective Gloves			/A		Eye Prote	ction	N/A		
Other Protective	Clothing or Equipme	ent							-
Work/Hygienic Pr	actices	N,	'A						
z	N/	Α							
