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

		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.			
Section I					
Manufacturer's Name Metron Marker, Division of Mo	etron Optics, Inc	Emergency Telephone Number			
Address (Number, Street, City, State, and Zip Code)		858-755-4477			
Address (Number, Sireet, City, State, and 2lp Code)		Emergency Telephone Number			
819 Academy Drive		Date Prepared (mm-dd-yy)			
·		Jan-01-2012 Signature of Preparer (Optional)			
Solana Beach, CA 9207	'5	Signature of Preparet (Optional)			
SECTION II —Hazardous Ingredients/Id	entity Informati	on			
Hazardous Components (Specific Chemical Identity; Common Name(s)	OSHA PEL	ACGIH-TLV	Other Limits (Recommended)	% (Optional)	
Rosin acids—colophony	osin acids—colophony CAS NO 80			10.000-30.000	
2-Propanol	Propanol CAS NO 67			30.000-60.000	
Diethylene Glycol Monobutyl Bt	CAS NO 11	2-34-5 10.000-30.000			
Kerosene	CAS NO 80	008-20-6 1.000-5.000			
Melamine Copolymer Resin	Melamine Copolymer Resin No CAS Nu				
SECTION III —Physical/Chemical Chara	acteristics				
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Boiling Point 150° F—65° C	acteristics 33	Specific Gravity (H ₂ O = 1) At 2. Melting Point N/D F—N/D		.86	
Boiling Point 150° F—65° C		Maltin or Daint			
Boiling Point 150° F—65° C Vapor Pressure (mm Hg.) At 20° C Vapor Density (AIR = 1)	33	Melting Point N/D F—N/D		.86	
Boiling Point 150° F—65° C Vapor Pressure (mm Hg.) At 20° C Vapor Density (AIR = 1) Solubility in Water Partially	33 2.07	Melting Point N/D F—N/D			
Boiling Point 150° F—65° C Vapor Pressure (mm Hg.) At 20° C Vapor Density (AIR = 1) Solubility in Water Partially Appearance and Odor Liquid with alcohol odo	33 2.07 or.	Melting Point N/D F—N/D			
Boiling Point 150° F—65° C Vapor Pressure (mm Hg.) At 20° C Vapor Density (AIR = 1) Solubility in Water Partially	33 2.07 Or.	Melting Point N/D F—N/D Evaporation Rate (Butyl Acetate = 1)			
Boiling Point 150° F—65° C Vapor Pressure (mm Hg.) At 20° C Vapor Density (AIR = 1) Solubility in Water Partially Appearance and Odor Liquid with alcohol odd SECTION IV—Fire and Explosion Hazar	33 2.07 or. d Data CC) Flammable I	Melting Point N/D F—N/D Evaporation Rate (Butyl Acetate = 1)	С	1.7	
Boiling Point 150° F—65° C Vapor Pressure (mm Hg.) At 20° C Vapor Density (AIR = 1) Solubility in Water Partially Appearance and Odor Liquid with alcohol odd SECTION IV—Fire and Explosion Hazar Flash Point (Method Used) 62° F - 16.66° C (AC Extinguishing Media Carbon dioxide, dry che	33 2.07 or. d Data CC) Flammable I mical, foam.	Melting Point N/D F—N/D Evaporation Rate (Butyl Acetate = 1)	LEL	1.7	
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SECTION V—Reactivity Data										
Stability	Unstable		Conditions to Avoid: Hig	h temperatures, open flam	es, sparks, oxidizing conditions and igni	ition sources.				
	Stable	Х	High temperat	ures, open flam	es, sparks, oxidizing co	nditions and ignition sources.				
Incompatibility (Materials to	o Avoid)		Strong oxidizir	ng agents.						
Hazardous Decomposition	or Byproducts Carbo	n dio	xide, Carbon mon	oxide, Rosin core	solder decomposition pro-	ducts as resin acids colophony.				
Hazardous	May Occur		Conditions to Avoid							
Polymerization	Will not Occur	Х								
SECTION VI —Health Hazard Data										
Route(s) of Entry:		Inhala	tion?	Ski	1?	Ingestion?				
Health Hazards (Acute and	Chronic) Eye Co	ntac	t: Liquid or va	por contact ca	n cause irritation. Ski	n contact: Prolonged and				
repeated contact can cause dryness and irritation. Inhalation: Irritate the nose and throat and respiratory										
tract. Very High concentrations may cause symptoms of intoxication. Ingestion: Harmful if swallowed,										
causes vomiting, abdominal pain, drowsiness and loss of consciousness.										
Carcinogenicity:		NTP?		IAF	C Monographs?	OSHA Regulated?				
No Ingredients listed as carcinogens.										
Signs and Symptoms of Ex	oposure Irritatio	n, he	eadache, dizzi	ness, nausea,	drowsiness and loss o	of consciousness.				
·										
Medical Conditions Generally Aggravated by Exposure None Presently known.										
Emergency and First Aid Procedures Eye contact: Flush with water for 15 minutes. Get medical attention. Skin contact:										
Rinse with plenty of water, remove contaminated clothing and shoes. Inhalation: Remove victim to fresh air.										
Give artificial	respiration if n	ot b	reathing. Get	medical atten	ion. Ingestion: DO N	OT induce vomiting. Give				
large amount	s of water to d	rink.	Get medical a	attention.						
SECTION VII -	—Precautions f	or S	afe Handling a	ınd Use						
Step to Be Taken in Case	Material is Released or Spil	led	Contain spill i	in natural forn	or with sand or dirt	(inert material). Eliminate				
all ignition so	urces.									
Waste Disposal Method Shovel or scrape (non-metallic) absorbed waste materials into disposal container. Seal lid										
tightly with tape or locking ring and label properly.										
Precautions to Be Taken in Handling and Storing Keep away from heat, spark, and open flame. Use adequate ventilation. Ground										
and bond as a	appropriate.		<u> </u>	<u> </u>						
Other Precautions Store away from sources of ignition, strong oxidizing agents and reactive metals such										
as aluminium, zinc, and their alloys.										
	—Control Meas									
Respiratory Protection (Specify Type) If exposure exceeds limits use a NIOSH-approved respirator.										
Ventilation	Local Exhaust		ecommended		Special					
	Mechanical (General)		cceptable		Other					
Protective Gloves	npermeable glo			Eye Protection C	⊔ hemical goggles, face	shields.				
Other Protective Clothing or Equipment Wear protective clothing to prevent skin contact.										
Work/Hygienic Practices		-		· · · ·	nking, smoking, or us	ing toilet facilities.				