



## MATERIAL SAFETY DATA SHEET

NAME OF PRODUCT: Solder Mask Pink, Water Soluble, Peelable 515°

Part number: SMWSP515

### SECTION 1: CHEMICAL PRODUCT AND COMPANY INFORMATION

#### Company Address:

Metron Optics, Inc.

809 Academy Drive

Solana Beach, CA 92075-0690

Product Information: 858-755-4477, Emergency: 800-424-9300

Customer Service: 877-523-0923 Revision Date: January 1, 2024

**Product Identification: Solder Mask Pink, Water Soluble, Peelable 515°**

**Product Code: SMWSP515P, synonym CM8**

### SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

Product Ingredient Information	CAS#	Wt. % Range
Polyisoprene emulsion (latex)	9003-31-0	90.0-95.0
Zinc dibutyldithiocarbamate	136-23-2	1.0-5.0
Acrylic polymer, sodium salt	7446-81-3	1.0-5.0
Deionized water	7732-18-5	1.0-5.0
Methanol	67-56-1	1.0-3.8
Titanium dioxide	13463-67-7	0.1-1.0
Trimethyl quinoline homopolymer	26780-96-1	0.1-1.0
Ammonium hydroxide	1336-21-6	0.1-1.0

### SECTION 3: HAZARD IDENTIFICATION

Emergency Overview: Opaque, pink, viscous mild ammoniacal odor. This product is nonflammable. Liquid will irritate eyes and skin under repeated or prolonged exposure. Breathing high concentrations of product vapor may produce drowsiness and a headache.

Potential Health Effects:

Eyes: Ammonia vapors of this product are irritating and can cause pain, tearing, reddening and swelling accompanied by a stinging sensation.

Skin: Contact causes skin irritation.

Ingestion: Harmful if swallowed. Irritating to mouth, throat and stomach. Latex may solidify in intestinal tract.

Inhalation: Harmful if inhaled. High concentrations of vapors in immediate area can displace oxygen and can cause irritation of mouth, nose, throat and mucus membranes. Keep people away from such vapors without self-contained breathing apparatus.

Pre-Existing Medical Conditions Aggravated by Exposure: Lung, skin, eye.

### SECTION 4: FIRST AID MEASURES

Eyes: Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Have eyes examined and tested by medical personnel if irritation develops or persists.

Skin: Wash skin with soap and water. Remove contaminated clothing. Get medical attention if irritation develops or persists. Wash clothing separately before reuse.

Ingestion: If swallowed, do not induce vomiting. Get medical attention IMMEDIATELY. Keep head below knees to minimize chance of aspirating material into the lungs. Never give anything by mouth to an unconscious person.

Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

### SECTION 5: FIRE FIGHTING MEASURES

Flash Point: None to boiling (TCC)

LEL/UEL: Not established (% by volume in air)

Extinguishing Media: Use alcohol foam, carbon dioxide, or water spray when fighting fires involving this material.

Fire Fighting Instructions: As in any fire, wear self-contained breathing apparatus (pressure-demand, MSHA/NIOSH approved or equivalent) and full protective gear.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

Large Spills: Shut off leak if possible and safe to do so. Wear self-contained breathing apparatus and appropriate personal protective equipment. Allow latex to dry, scrape up and place in a chemical waste container for proper disposal. Do not flush to sewer. Avoid runoff into storm sewers and ditches which lead to waterways.

Small Spills: Scrape up dried latex, then place in a chemical waste container for proper disposal.

## SECTION 7: HANDLING AND STORAGE

Avoid prolonged or repeated contact with eyes, skin, and clothing. Wash hands before eating. Use with adequate ventilation. Avoid breathing product vapor or mist. Do not reuse this container. Store in a cool dry place away from heat, sparks and flame. Keep container closed when not in use. Do not store in direct sunlight. **KEEP OUT OF REACH OF CHILDREN.**

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines:

CHEMICAL NAME	ACGIH TLV	OSHA PEL	ACGIH STEL
Polyisoprene emulsion	NA	NA	NA
Methanol	200 ppm	200 ppm	250 ppm
Ammonium hydroxide	25 ppm	NA	50 ppm
Titanium dioxide	10 mg/m3	15 mg/m3	NA

Work/Hygienic Practices: Good general ventilation should be sufficient to control airborne levels. Local exhaust ventilation may be necessary to control any air contaminants to within their TLVs during the use of this product. If vapor concentration exceeds TLV, use NIOSH approved organic vapor cartridge respirator. Wear safety glasses with side shields (or goggles) and rubber or other chemically resistant gloves when handling this material.

NFPA and HMIS Codes:	NFPA	HMIS
Health	1	1
Flammability	0	0
Reactivity	0	0
Personal Protection	—	B

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Opaque, pink liquid	Solubility in Water: Dispersible
Odor: Mild ammoniacal	Specific Gravity: .90 (Water =1)
Vapor Pressure: 760 mm Hg @ 100C	Evaporation Rate: >1
Vapor Density: 0.63	(Butyl acetate=1): 1
(Air =1)	Color: Pink
Boiling Point:: 100°F (38C) initial	Viscosity: 15,000 cps (Approx.)
Percent Volatile: 5% by weight	Melting Point: NA

## SECTION 10: STABILITY AND CHEMICAL PROPERTIES

Stability - This product is stable. Conditions to Avoid: Do not spray near open flames, red hot surfaces or other sources of ignition.

Incompatibility: Do not mix with powdered alkali and alkaline earth metals or strong oxidizing agents.

Products of Decomposition: Thermal decomposition may release carbon monoxide, carbon dioxide and incompletely burned hydrocarbons.

Hazardous Polymerization: Will not occur                      Conditions to Avoid: NA

## SECTION 11: TOXICOLOGICAL INFORMATION

Inhalation:			Ingestion:		
Methanol	LC50/rats	64,000ppm/4hrs	Methanol	LD50	5,628 mg/kg
Cancer Information: No ingredients listed as human carcinogens by NTP or IARC					
Reproductive effects: none		Teratogenic effects: none	Mutagenic effects: none		

## SECTION 12: ECOLOGICAL INFORMATION

### Environmental Impact Information

Avoid runoff into storm sewers and ditches which lead to waterways. Water runoff can cause environmental damage.

### REPORTING

US regulations require reporting spills of this material that could reach any surface waters. The toll free number for the US Coast Guard

National Response Center is: **1-800-424-8802**

## SECTION 13: DISPOSAL CONSIDERATIONS

Dispose of in accordance with all federal, state and local regulations. Water runoff can cause environmental damage.

## SECTION 14: TRANSPORTATION INFORMATION

Air: Cleaning Compound Not Regulated

Ground: Cleaning Compound Not Regulated

## SECTION 15: REGULATORY INFORMATION

### SECTION 313 SUPPLIER NOTIFICATION

This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (40 CFR 372).

Chemical Name	CAS#	Wt. % Range
Methanol	67-56-1	1.0-3.8

This information should be included on all MSDSs copied and distributed for this material.

TOXIC SUBSTANCES CONTROL ACT (TSCA).

All ingredients of this product are listed on the TSCA Inventory.

WHMIS: Class D2B

This product has been classified according to the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR.

## SECTION 16: OTHER INFORMATION

Normal ventilation for standard manufacturing practices is usually adequate. Local exhaust should be used when large amounts are released. To the best of our knowledge, the information contained herein is accurate. However, all materials may present unknown hazards and should be used with caution. In particular, improper use of our products and their inappropriate combination with other products and substances may produce harmful results which cannot be anticipated. Final determination of the suitability of any material is the sole responsibility of the user. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that may exist.

### 16.1 FURTHER INFORMATION/DISCLAIMER

The information contained herein is based on data considered accurate and is offered solely for information, consideration and investigation. Metron extends makes no representations and assumes no responsibility as to the accuracy, completeness or suitability of this data for any purchaser's use. The data on this Material Safety Data Sheet relates only to this product and does not relate to use with any other material or in any process. All chemical products should be used only by, or under the direction of, technically qualified personnel who are aware of the hazards involved and the necessity for reasonable care in handling. Hazard communication regulations require that employees must be trained on how to use a Material Safety Data Sheet as a source for hazard information.

### 16.2 Preparation Information

SDS Created 1/2019

SDS Revised 1/2021

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