

# 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

|   |  |
|---|--|
| <b>IDENTITY</b><br>(As Used on Label and List) <b>Metron Solvent Wash-Off Ink</b> | <i>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.</i> |
|---|--|

| <b>Section I</b> Components Listed in TSCA Inventory     |   |
|--|---|
| Manufacturer's Name<br><b>Metron Marker, Division of</b> | Emergency Telephone Number<br><b>858-755-4477</b>         |
| Address (Number, Street,<br><b>METRON OPTICS, Inc.</b>   | Emergency Telephone Number<br><b>858-755-4752</b>         |
| <b>819 Academy Drive</b>                                 | Date Prepared (mm-dd-yy)<br><b>08-05-91 — Rev.01-2010</b> |
| <b>Solana Beach, CA 92075—USA</b>                        | Signature of Preparer (Optional)                          |

## SECTION II —Hazardous Ingredients/Identity Information

| Hazardous Components (Specific Chemical Identity; Common Name(s)) | OSHA PEL    | ACGIH-TLV | Other Limits (Recommended) | % (Optional) |       |
|---|-------------|-----------|----------------------------|--------------|-------|
| Isopropyl Alcohol   | CAS 67-63-0 | 400 ppm*  | 400 ppm*                   | —            | 29.5% |

\*\* Under normal usage, it is not expected that these limits would be approached.

## SECTION III —Physical/Chemical Characteristics

|                         |  |   |       |
|-------------------------|--|---|-------|
| Boiling Point           | 107 °F   | Specific Gravity (H <sub>2</sub> O = 1) | 0.880 |
| Vapor Pressure (mm)     | 40   | Melting Point                           | N/A   |
| Vapor Density (AIR = 1) | 1.8  | Evaporation Rate (Butyl Acetate = 1)    | 1.7   |
| Solubility in Water     | 59% by weight                                    |   |       |
| Appearance and Odor     | Cream-like liquid, various colors, alcohol odor. |   |       |

## SECTION IV—Fire and Explosion Hazard Data

|                                    |   |                  |     |     |     |    |
|------------------------------------|---|------------------|-----|-----|-----|----|
| Flash Point (Method Used)          | T.O.C. 65 °F                                | Flammable Limits | LEL | 2.5 | UEL | 15 |
| Extinguishing Media                | Carbon dioxide, alcohol foam, dry chemical. |                  |     |     |     |    |
| Special Fire Fighting Procedures   | N/A   |                  |     |     |     |    |
| Unusual Fire and Explosion Hazards | Auto ignition temperature: 720°F            |                  |     |     |     |    |

**SECTION V—Reactivity Data**

|  |                |   |                     |
|--|----------------|---|---------------------|
| Stability  | Unstable       |   | Conditions to Avoid |
|  | Stable         | X | N/A                 |
| Incompatibility ( <i>Materials to Avoid</i> )      Strong oxidizing agents.      |                |   |                     |
| Hazardous Decomposition or Byproducts      CO, CO2 may be released upon burning. |                |   |                     |
| Hazardous Polymerization   | May Occur      |   | Conditions to Avoid |
|  | Will not Occur | X | N/A                 |

**SECTION VI —Health Hazard Data**

|   |                 |                     |                    |
|---|-----------------|---------------------|--------------------|
| Route(s) of Entry:  | Inhalation? N/A | Skin? N/A           | Ingestion? YES     |
| Health Hazards ( <i>Acute and Chronic</i> )   |                 |                     |                    |
| Ingestion: possible nausea  |                 |                     |                    |
| Carcinogenicity:  | NTP? NO         | IARC Monographs? NO | OSHA Regulated? NO |
| Signs and Symptoms of Exposure      Possible Nausea if ingested.  |                 |                     |                    |
| Medical Conditions Generally Aggravated by Exposure      None known.  |                 |                     |                    |
| Emergency and First Aid Procedures      Eyes: Flush with water. Call a physician. Ingestion: do not induce vomit. |                 |                     |                    |

**SECTION VII —Precautions for Safe Handling and Use**

|  |   |
|--|---|
| Step to Be Taken in Case Material is Released or Spilled | Wipe up and discard.  |
| Waste Disposal Method                                    | Dispose of in accordance with Federal, State and Local regulations. |
| Precautions to Be Taken in Handling and Storing          | Do not expose to extreme heat.                                      |
| Other Precautions  | N/A   |

**SECTION VIII —Control Measures**

|  |                               |                |                          |
|--|-------------------------------|----------------|--------------------------|
| Respiratory Protection ( <i>Specify Type</i> ) | N/A                           |                |                          |
| Ventilation                                    | Local Exhaust                 | N/A            | Special                  |
|  | Mechanical ( <i>General</i> ) | N/A            | Other                    |
| Protective Gloves                              | N/A                           | Eye Protection | No special requirements. |
| Other Protective Clothing or Equipment         | N/A                           |                |                          |
| Work/Hygienic Practices                        | N/A                           |                |                          |