



# SAFETY DATA SHEET

## 1. PRODUCT AND COMPANY IDENTIFICATION

<b><u>Product name</u></b>	<b>QTRO-FILMA</b>
<b><u>Company</u></b>	M&R Printing Equipment, Inc.
<b><u>Address</u></b>	440 Medinah Road Roselle, IL 60172-2329 (800) 736-6431 info@mrprint.com
<b><u>Email</u></b>	
<b><u>Emergency Phone</u></b>	Chemtrec: within USA and Canada: (800) 424-9300 Outside USA and Canada: +1 (703) 741-5970
<b><u>Recommended use of the chemical and restrictions on use</u></b>	Used for printing.
<b><u>Effective Date</u></b>	11-17-2023

## 2. HAZARDS IDENTIFICATION

<b><u>GHS Classification</u></b>	Not Classified.
<b><u>Physical Hazards</u></b>	Serious eye damage/eye irritation Category 1.
<b><u>Health Hazards</u></b>	Hazardous to the aquatic environment-Acute hazard Category 2.
<b><u>Environmental Hazards</u></b>	Hazardous to the aquatic environment-Chronic hazard Category 3.
	The hazards not mentioned are not applicable or no data available.

### Label Elements

#### Pictogram



#### Signal Word

#### Hazard Statements

Danger.  
H318 Causes serious eye damage.  
H401 Toxic to aquatic life.  
H412 Harmful to aquatic life with long lasting effects.

#### Prevention Precautionary Statements

P264+P265 Wash thoroughly after handling. Do not touch eyes.  
P280 Wear eye protection /face protection.  
P273 Avoid release to the environment.

#### Response Precautionary Statements

P305+P354+P338 IF IN EYES: Immediately rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

#### Storage Precautionary Statements

P317 Get medical help.

#### Disposal Precautionary Statements

None.

P501 Dispose of contents/container in accordance with local/regional/national/international regulation.

#### Other Hazards

No data available.

### 3. INFORMATION ON INGREDIENTS

Product name FILMA

Ingredient	Concentration	CAS No.	EC No.
Mixtures:			
Polyethylene terephthalate	90.0-95.0%	25038-59-9	607-507-1
Acrylic resin	1.0-8.0%	9003-01-4	618-347-7
Silica	0-2.0%	14464-46-1	238-455-4

### 4. FIRST-AID MEASURES

<b><u>Skin Exposure</u></b>	In case of skin contact, flush with copious amounts of water. If the person feels unwell, call a physician.
<b><u>Eye Exposure</u></b>	In case of contacting with eyes, lift the eyelids and flush with copious amounts of water for at least 15 minutes immediately. Call a physician immediately.
<b><u>Inhalation Exposure</u></b>	If inhaled, remove to fresh air immediately. If the person feels unwell, Call a physician.
<b><u>Oral Exposure</u></b>	If swallowed, wash out mouth with water provided person is conscious. Call a physician.
<b><u>Most Important Symptoms/Effects, Acute and Delayed</u></b>	No data available.
<b><u>Indication of Immediate Medical Attention and Special Treatment Needed, if Necessary</u></b>	No data available.

### 5. FIRE FIGHTING MEASURES

<b><u>Suitable Extinguishing Media</u></b>	Dry chemical, Water spray, Carbon dioxide or appropriate foam.
<b><u>Suitable Specific Hazards Arising from the Chemical</u></b>	Take care as it may decompose upon combustion or in high temperatures to generate Carbon oxides, Silicon oxides.
<b><u>Special Protective Action for Firefighters</u></b>	
<b><u>Protective Equipment</u></b>	Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes. Fire-extinguishing work is done from the windward. Uninvolved persons should evacuate to a safe place.

### 6. ACCIDENTAL RELEASE MEASURES

<b><u>Personal Precautions, Protective Equipment and Emergency Procedures</u></b>	Use personal protective equipment. Remove all sources of ignition. Avoid breathing dust. Keep people away from and upwind of spill/leak. Ensure adequate ventilation. Entry to noninvolved personnel should be controlled around the leakage area by roping off.
<b><u>Environmental Precautions</u></b>	Prevent further leakage or spillage if safe to do so. Avoid entering drains. Avoid release to the environment.
<b><u>Methods and Materials for Containment and Cleaning up</u></b>	Sweep up with spade and transfer to a dry, clean, lidded container for disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.

## 7. HANDLING AND STORAGE

### Precautions for Safe Handling

Operators should be trained and strictly abide by operating procedures. Wear appropriate protective clothing and gloves. Avoid inhalation of dust. Avoid contact with eyes, skin and clothing. Avoid formation of dust. Keep away from ignition sources, heat and flame. Wash hands and face thoroughly after handling. No smoking at working site. Mechanical exhaust required. Incompatibilities: Strong oxidizing agent. Handling and unloading should be light, to prevent packaging broken, damp and cause losses. Working place should be equipped with appropriate varieties and quantities of fire fighting equipment and leakage emergency treatment equipment.

### Conditions for Safe Storage Including Any Incompatibilities

Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Keep away from ignition sources, heat and flame. Incompatibilities: Strong oxidizing agent. Storage place should be equipped with appropriate varieties and quantities of fire fighting equipment and leakage emergency treatment equipment.

## 8. EXPOSURE CONTROL/PPE

### Control Parameters

GBZ 2.1-2019 Occupational Exposure Limits for Hazardous Agents in the Workplace - Part 1: Chemical Hazardous Agents: Not set up.

ACGIH:

Silica: TLV-TWA 0.025 mg/m<sup>3</sup>.

Mechanical exhaust required. Safety shower and eye bath.

### Appropriate Engineering Controls Individual Protection Measures

#### Eye/Face Protection

No data available.

#### Skin Protection

No data available.

#### Respiratory Protection

No data available.

#### Thermal Hazards

No data available.

#### Other Protection

No smoking, drinking and eating at working site. Wash thoroughly after handling.

## 9. PHYSICAL/CHEMICAL PROPERTIES

### Appearance

Off-white semi-transparent thin slice flaky solid.

### Odor

Weak odor.

### pH Value

Not applicable.

### Solubility

Hardly soluble in water.

### Melting Point/Freezing Point

Not applicable.

### Boiling Point, Initial Boiling Point and Boiling Range

Not applicable.

### Flash Point (Closed Cup)

Not applicable.

### Density/Relative Density

No data available.

### Kinematic Viscosity

Not applicable.

### Lower/Upper Explosion Limit/

No data available.

### Flammability Limit

### Vapor Pressure

No data available.

### Partition Coefficient N-Octanol/Water (Log Value)

No data available.

### Autoignition Temperature

No data available.

### Decomposition Temperature

No data available.

### Particle Characteristics

No data available.

### Flammability (Solid, Gas)

The substance is not classified in Division 4.1 Flammable Solids.

## 10. STABILITY AND REACTIVITY

<b><u>Reactivity</u></b>	No data available.
<b><u>Chemical Stability</u></b>	Stable under normal temperatures and pressures.
<b><u>Possibility of Hazardous Reactions</u></b>	No data available.
<b><u>Conditions to Avoid</u></b>	No data available.
<b><u>Incompatible Materials</u></b>	Strong oxidizing agent.
<b><u>Hazardous Decomposition Products</u></b>	Carbon oxides, Silicon oxides.

## 11. TOXICOLOGICAL INFORMATION

<b><u>Acute Toxicity</u></b>	No data available.
<b><u>Skin Corrosion/Irritation</u></b>	No data available.
<b><u>Serious Eye Damage/Irritation</u></b>	Causes serious eye damage.
<b><u>Respiratory Sensitization</u></b>	No data available.
<b><u>Skin Sensitization</u></b>	No data available.
<b><u>Carcinogenicity</u></b>	No data available.
<b><u>Germ Cell Mutagenicity</u></b>	No data available.
<b><u>Reproductive Toxicity</u></b>	No data available.
<b><u>Specific Target Organ Toxicity-Single Exposure</u></b>	No data available.
<b><u>Specific Target Organ Toxicity-Repeated Exposure</u></b>	No data available.
<b><u>Aspiration Hazard</u></b>	No data available.

## 12. ECOLOGICAL INFORMATION

<b><u>Toxicity</u></b>	Silica: Toxicity to aquatic algae and cyanobacteria: EC <sub>50</sub> freshwater algae: 0.13mg/L; EC <sub>10</sub> or NOEC for freshwater algae: 0.03 mg/L
<b><u>Persistence and Degradability</u></b>	No data available.
<b><u>Bioaccumulative Potential</u></b>	No data available.
<b><u>Mobility in Soil</u></b>	No data available.
<b><u>Other Adverse Effects</u></b>	No data available.

## 13. DISPOSAL CONSIDERATION

<b><u>Disposal Methods</u></b>	Recycle as far as possible. If unable to recycle, it is recommended to use incineration method for disposal under supervision. This product should not be disposed of by discharge into sewers. Return empty containers to the manufacturer or dispose of them in accordance with national and local regulations. Follow the relevant provisions of national and local regulations before disposal. It is recommended to be disposed of by a qualified chemical waste treatment department.
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## 14. TRANSPORT INFORMATION

<b><u>RID/ADR (2023 Edition)</u></b>	The product is not subject to RID/ADR.
<b><u>IATA DGR (64th Edition)</u></b>	The product is not subject to IATA DGR.
<b><u>IMO IMDG Code (2020 Edition)</u></b>	The product is not subject to IMO IMDG Code
<b><u>Environmental Hazards</u></b>	No.
<b><u>Special Precautions for User</u></b>	No data available.
<b><u>Transport in Bulk according to Annex II of MARPOL 73/78 and the IBC Code</u></b>	Not applicable.

## 15. REGULATORY INFORMATION

<u>Montreal Protocol</u>	Not listed.
<u>Stockholm Convention</u>	Not listed.
<u>Rotterdam Convention</u>	Not listed.
<u>EINECS/ELINCS</u>	Silica in the product is listed.
<u>TSCA</u>	All ingredients in the product are listed.
<u>IECSC</u>	All ingredients in the product are listed.

## 16. OTHER INFORMATION

<u>Preparation Date</u>	11-17-2023
<u>Revision</u>	0
<u>Reference Standard</u>	GLOBALLY HARMONIZED SYSTEM OF CLASSIFICATION AND LABELLING OF CHEMICALS (GHS), 9 <sup>th</sup> revised edition CAS: Chemical Abstracts Service EC: European Commission ACGIH: American Conference of Governmental Industrial Hygienists TLV-TIVA: Threshold limit value-time weighted average EC <sub>50</sub> : Effective concentration of substance that causes 50% of the maximum response EC <sub>10</sub> : Concentration associated with 10% response NOEC: No observed effect concentration ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road RID: Regulations concerning the International Carriage of Dangerous Goods by Rail IMO IMDG CODE: International Maritime Organization International Maritime Dangerous Goods Code IATA DGR: International Air Transport Association Dangerous Goods Regulations IBC Code: International Code for the Construction and Equipment of Ships Carrying Dangerous Chemicals in Bulk MARPOL: International Convention for the Prevention of Pollution from Ships EINECS: European Inventory of Existing Commercial Chemical Substances ELINCS: European List of Notified Chemical Substances TSCA: Toxic Substances Control Act TECSC: Inventory of Existing Chemical Substances in China
<u>Abbreviations and Acronyms</u>	
<u>Other Information</u>	This SDS is compiled based on the information such as ingredients provided by the applicant and our current knowledge. This SDS shall be used only as a guide. The users of this SDS must make independent judgments on the correctness and completeness and then decide its suitability according to the actual situation. The users should take the relevant legal responsibilities for the consequences of use.

\*\*\*END OF REPORT\*\*\*