

# MATERIAL SAFETY DATA SHEET

## MASTER WORKS M2 Component B

### 1. Product and Company Identification

**Material name** MASTER WORKS M2 Component B

**Issue date** 9-9-11

**Version #** 00

**CAS #** Mixture

**Product use** Acrylic Latex

**Manufacturer/Supplier** Quantum Silicones  
8021 Reycan Road  
Richmond, VA 23237  
[philmcdermott@quantumsilicones.com](mailto:philmcdermott@quantumsilicones.com)  
804-271-9010  
Contact Person: Phillip McDermott

This material is manufactured by Quantum Silicones for MASTER WORKS™

**Emergency** Chemtrec 800-424-9300

### 2. Hazards Identification

**Physical state** Viscous Liquid

**OSHA regulatory status** This product is not considered hazardous under 29 CFR 1910.1200 (Hazard Communication).

#### Potential health effects

**Routes of exposure** Contact

**Eyes** Contact with eyes may cause mild irritation.

**Skin** Repeated or prolonged exposure may cause mild irritation.

**Inhalation** None.

**Ingestion** Low in normal use.

**Target organs** Eyes. Skin.

**Chronic effects** None.

**Signs and symptoms** Mild irritation

**Potential environmental** The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

### 3. Composition / Information on Ingredients

Mixture does not contain ingredients that are considered hazardous under 29 CFR 1910.1200 (Hazard Communication).

### 4. First Aid Measures

#### First aid procedures

**Eye Contact** Immediately flush with water for up to 10 minutes.

<b>Skin Contact</b>	No first aid needed.
<b>Inhalation</b>	No first aid needed.
<b>Ingestion</b>	No first aid needed.
<b>Notes to physician</b>	Treat symptomatically.
<b>General advice</b>	In case of mild irritation flush affected area with water.

## 5. Fire Fighting Measure

<b>Flammable properties</b>	None.
<b>Extinguishing media</b> <b>Suitable extinguishing media</b>	Extinguish with foam, carbon dioxide, dry powder or water fog.
<b>Unsuitable extinguishing media</b>	None.
<b>Protection of firefighters</b> <b>Specific hazards arising from the chemical</b>	None.
<b>Protective equipment and precautions for firefighters</b>	Use standard firefighting procedures and consider the hazards of other involved materials.
<b>Fire fighting equipment/instructions</b>	Selection of respiratory protection for fire fighting: follow the general fire precautions indicated in the workplace. Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
<b>Specific methods</b>	Use standard firefighting procedures and consider the hazards of other involved materials. Containers close to fire should be removed or cooled with water.
<b>Hazardous decomposition</b>	High heat conditions only. Nitrogen oxides, metal oxides, formaldehyde, silicon dioxide, carbon oxides and traces of incompletely burned carbon compounds.

## 6. Accidental Release Measures

<b>Personal Precautions</b>	Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate the area. Avoid inhalation of vapors/spray and contact with skin and eyes. Wear suitable protective clothing. See Section 8 of the MSDS for Personal Protective Equipment.
<b>Environmental precautions</b>	Avoid Discharge into drains, water courses or onto the ground unless authorized by permit.
<b>Methods for containment</b>	Dike the spilled material, where this is possible.
<b>Methods for cleaning up</b>	For waste disposal, see section 13 of the MSDS. Remove sources of ignition. Absorb spillage with non-combustible, absorbent material.
<b>Other information</b>	Clean up in accordance with all applicable federal, state and local regulations.

## 7. Handling and Storage

<b>Handling</b>	Observe good industrial hygiene practices. Avoid skin and eye contact. Wear protective gloves and appropriate clothing to prevent skin contact. Wear approved safety goggles.
<b>Storage</b>	Do not store near heat sources, sources of ignition and oxidizers. Store in closed original container in a dry place. Store away from incompatible materials.

## 8. Exposure Controls/Personal Protection

**These precautions are for room temperature handling. Use at elevated temperatures or aerosol/spray applications may require additional precautions.**

**Occupational exposure** There are no components with workplace exposure limits.

**Exposure guidelines** Follow standard monitoring procedures.

**Engineering controls** Ensure adequate ventilation.

**Personal protective equipment**

**Eye/Face protection** Do not get in eyes. Eye wash fountain is recommended.

**Skin protection** Wear appropriate chemical resistant clothing. Suitable gloves can be recommended by the glove supplier. Safety shower recommended.

**Respiratory protection** None required.

**General hygiene** Handle in accordance with good industrial hygiene and safety practice.

**Considerations**

## 9. Physical & Chemical Properties

<b>Appearance</b>	Viscous Liquid
<b>Color</b>	White
<b>Odor</b>	Slight Acrylic Odor
<b>Odor threshold</b>	Not available
<b>Physical state</b>	Liquid
<b>Form</b>	Viscous liquid
<b>pH</b>	3.0-4.0
<b>Melting point</b>	Not available
<b>Freezing point</b>	Not available
<b>Boiling point</b>	212F
<b>Flash point</b>	> 200C
<b>Evaporation rate</b>	Not available
<b>Flammability limits in air, upper, % by volume</b>	Not available
<b>Flammability limits in air, lower, % by volume</b>	Not available
<b>Vapor pressure</b>	Not available
<b>Vapor density</b>	Not available
<b>Specific gravity</b>	1.06
<b>Solubility (water)</b>	Diluatable
<b>Partition coefficient (N-octanol/water)</b>	No data available
<b>Auto-ignition temperature</b>	Not available
<b>Decomposition Temperature</b>	Not available

## 10. Chemical Stability & Reactivity Information

**Chemical stability** Stable under normal temperature conditions.

**Conditions to avoid** None.

**Incompatible materials** Strong oxidization may cause a reaction.

<b>Hazardous decomposition</b>	Nitrogen oxides, metal oxides, formaldehyde, silicon dioxide, carbon oxides and traces of incompletely burned carbon compounds.
<b>Possibility of hazardous reactions</b>	Will not occur.

### 11. Toxicological Information

**Carcinogenicity** This product is not considered to be a carcinogen by IARC, ACGIH, NTP or OSHA.

### 12. Ecological Information

**Environmental effects** Not classified as an environmental hazard.

**Persistence and degradability** No data available.

**Bioaccumulation/ Accumulation** No data available

**Partition coefficient (n-octanol/water)** No data available.

**Mobility in environmental media** Reacts with water.

### 13. Disposal Considerations

**Disposal instructions** Material as received is non-hazardous.

**Waste from residues/ Unused products** Dispose in accordance with applicable federal, state and local regulations.

### 14. Transport Information

**DOT**  
Not subject to DOT regulations.

**IATA**  
Not regulated as dangerous goods.

**IMDG**  
Not subject to IMDG code.

**TDG**  
Not regulated as dangerous goods.

### 15. Regulatory Information

**US federal regulations** This product is not a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.  
  
CERCLA/SARA Hazardous Substances - Not applicable.

**TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)**  
Not regulated

**CERCLA (Superfund) reportable quantity (lbs) (40 CFR 302.40)**  
None

**Superfund Amendments and Reauthorization Act of 1986 (SARA)**  
**Hazard categories** Immediate Hazard - No  
Delayed Hazard - No  
Fire Hazard - No

Pressure Hazard - No  
Reactivity Hazard – No

**Section 302 extremely Hazardous substance (40 CFR 355, Appendix A)** No

**Section 311/312 (40 CFR 370)** No

**Drug Enforcement Administration (DEA) (21 CFR 1308.11-150)**

Not controlled.

**Canadian regulations**

The MSDS contains all the information required by the CPR.

**WHMIS status**

Not controlled

**WHMIS classification**

None

**WHMIS labeling**

None

**Inventory status**

<b>Country (s) or region</b>	<b>Inventory name</b>	<b>On inventory (yes/no)*</b>
Australia	Australian Inventory of Chemical Substances (AICS)	Yes
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-domestic Substances List (NDSL)	Yes
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	Yes
Europe	European List of Notified Chemical Substances (ELINCS)	Yes
Japan	Inventory of Existing and New Chemical Substances (ENCS)	Yes
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	Yes
Phillippines	Phillippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
Unites States and Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

\*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s).

**State regulations**

This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

**US – California Hazardous Substances (Director's):** Not listed.

**US – Massachusetts RIK - Substance: Listed substance:** Not listed.

**US – New Jersey RTK - Substances: Listed substance:** Not listed.

**US – Pennsylvania RTK – Hazardous Substances:** Not listed.

**Mexico regulations**

This safety data sheet was prepared in accordance with the official Mexican Standard (NOM-018-STPS-2000).

**16. Other Information**

**Further information**

HMIS® is a registered trade and service mark of the NPCA.

**HMIS® ratings**

Health: 0  
Flammability: 0  
Physical hazard: 0

**NFPA ratings**

Health: 0  
Flammability: 0  
Instability: 0

**Disclaimer**

These data are offered in good faith as typical values and not as product specifications. NO warranty, either expressed or implied is hereby made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.