



# MP Prime

## Safety Data Sheet

Prepared according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations  
Date of issue: 09/17/2015 Version: 1.0

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Product name : MP Prime  
Product form : Mixture  
Product code : 062015

Other means of identification : Acrylic Primer Coating

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture : Acrylic Roof Coating

#### 1.3. Details of the supplier of the safety data sheet

838 Coatings, LLC  
12800 State HWY 13, STE 400  
Savage, MN 55378

Telephone: (763) 972-9441

#### 1.4. Emergency telephone number

Emergency number : Chemtrec: (800) 424-9300

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### GHS-US classification

Skin Irrit. 2 H315  
Eye Irrit. 2B H320  
Carc. 1A H350

#### 2.2. Label elements

##### GHS-US labelling

Hazard pictograms (GHS-US) :



GHS07

GHS08

Signal word (GHS-US) :

**Danger**

Hazard statements (GHS-US) :

H315 - Causes skin irritation  
H320 - Causes eye irritation  
H350 - May cause cancer (Inhalation)

Precautionary statements (GHS-US) :

P201 - Obtain special instructions before use  
P202 - Do not handle until all safety precautions have been read and understood  
P264 - Wash hands, forearms and face thoroughly after handling  
P280 - Wear eye protection, face protection, protective clothing, protective gloves  
P302+P352 - If on skin: Wash with plenty of soap and water  
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
P308+P313 - If exposed or concerned: Get medical advice/attention  
P321 - Specific treatment (see first aid instructions on this label)  
P332+P313 - If skin irritation occurs: Get medical advice/attention  
P337+P313 - If eye irritation persists: Get medical advice/attention  
P362 - Take off contaminated clothing and wash before reuse  
P405 - Store locked up  
P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation

#### 2.3. Other hazards

No additional information available

#### 2.4. Unknown acute toxicity (GHS-US)

No data available

### SECTION 3: Composition/information on ingredients

#### 3.1. Substance

Not applicable

#### 3.2. Mixture

# MP Prime

## Safety Data Sheet

Prepared according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

| Name                        | Product identifier  | %       |
|-----------------------------|---------------------|---------|
| Styrene acrylic copolymer   | (CAS No) 27306-43-0 | 10 - 30 |
| Titanium dioxide            | (CAS No) 13463-67-7 | 5 - 10  |
| Styrene acrylic copolymer   | (CAS No) 25036-16-2 | 3 - 7   |
| Silica: Crystalline, quartz | (CAS No) 14808-60-7 | 0.1 - 1 |

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

- First-aid measures general : If exposed or concerned, get medical attention/advice. Show this safety data sheet to the doctor in attendance. Wash contaminated clothing before re-use. Never give anything to an unconscious person.
- First-aid measures after inhalation : IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if breathing is affected. If breathing is difficult, supply oxygen.
- First-aid measures after skin contact : IF ON SKIN (or clothing): Remove affected clothing and wash all exposed skin with water for at least 15 minutes. If irritation develops or persists, get medical attention.
- First-aid measures after eye contact : IF IN EYES: Immediately flush with plenty of water for at least 15 minutes. Remove contact lenses if present and easy to do so. If pain, blinking, or irritation develops or persists, get medical attention. Continue rinsing.
- First-aid measures after ingestion : IF SWALLOWED: rinse mouth thoroughly. Do not induce vomiting without advice from poison control center or medical professional. Get medical attention if you feel unwell.

#### 4.2. Most important symptoms and effects, both acute and delayed

- Symptoms/injuries : May cause cancer (inhalation). Causes skin irritation. Causes eye irritation.
- Symptoms/injuries after inhalation : May cause respiratory irritation.
- Symptoms/injuries after skin contact : Causes skin irritation.
- Symptoms/injuries after eye contact : Causes eye irritation.
- Symptoms/injuries after ingestion : May cause gastrointestinal irritation.
- Chronic symptoms : May cause cancer (inhalation).

#### 4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

Suitable extinguishing media : Foam. Dry powder. Water spray. Carbon dioxide.

#### 5.2. Special hazards arising from the substance or mixture

- Fire hazard : The product is not easily ignited.
- Explosion hazard : Product is not explosive.
- Reactivity : No data available.

#### 5.3. Advice for firefighters

- Firefighting instructions : Exercise caution when fighting any chemical fire. Do not dispose of fire-fighting water in the environment. Prevent human exposure to fire, fumes, smoke and products of combustion.
- Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

General measures : Evacuate area. Keep upwind. Ventilate area. Spill should be handled by trained clean-up crews properly equipped with respiratory equipment and full chemical protective gear (see Section 8).

##### 6.1.1. For non-emergency personnel

- Protective equipment : Wear Protective equipment as described in Section 8.
- Emergency procedures : Evacuate unnecessary personnel.

##### 6.1.2. For emergency responders

Protective equipment : Wear suitable protective clothing, gloves and eye or face protection. For further information refer to section 8: "Exposure controls/personal protection".

#### 6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters. Avoid release to the environment.

#### 6.3. Methods and material for containment and cleaning up

- For containment : Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.
- Methods for cleaning up : Product may create slip hazard . Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Place in a suitable container for disposal in accordance with the waste regulations (see Section 13).

# MP Prime

## Safety Data Sheet

Prepared according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

### 6.4. Reference to other sections

See Sections 8 and 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling : Do not handle until all safety precautions have been read and understood. Provide good ventilation in process area to prevent formation of vapor. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Do not breathe vapours. Keep away from sources of ignition - No smoking.

### 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep from freezing. Store in a well-ventilated place.  
Storage temperature : 10 - 26.67 °C (50 - 80 °F)

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

| Titanium dioxide (13463-67-7)            |   |
|--|---|
| ACGIH TWA (mg/m <sup>3</sup> )           | 10 mg/m <sup>3</sup>  |
| OSHA PEL (TWA) (mg/m <sup>3</sup> )      | 15 mg/m <sup>3</sup> total dust   |
| Silica: Crystalline, quartz (14808-60-7) |   |
| ACGIH TWA (mg/m <sup>3</sup> )           | 0.025 mg/m <sup>3</sup> (respirable fraction)   |
| OSHA PEL (TWA) (mg/m <sup>3</sup> )      | (30)/(%SiO <sub>2</sub> + 2) total dust; (10)/(%SiO <sub>2</sub> + 2) respirable fraction |
| OSHA PEL (TWA) (ppm)                     | (250)/(%SiO <sub>2</sub> + 5) respirable fraction   |
| Styrene acrylic copolymer (25036-16-2)   |   |
| Remark (ACGIH)                           | OEL's not established   |
| Remark (OSHA)                            | OEL's not established   |
| Styrene acrylic copolymer (27306-43-0)   |   |
| Remark (ACGIH)                           | OEL's not established   |
| Remark (OSHA)                            | OEL's not established   |

### 8.2. Exposure controls

Appropriate engineering controls : Provide adequate general and local exhaust ventilation. Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Use explosion-proof equipment with flammable materials. Ensure adequate ventilation, especially in confined areas.

Personal protective equipment : Gloves. Protective goggles. Protective clothing. Insufficient ventilation: wear respiratory protection.



Hand protection : Use gloves chemically resistant to this material when prolonged or repeated contact could occur. Gloves should be classified under Standard EN 374 or ASTM F1296. Suggested glove materials are: Neoprene, Nitrile/butadiene rubber, Polyethylene, Ethyl vinyl alcohol laminate, PVC or vinyl.

Eye protection : Wear eye protection, including chemical splash goggles and a face shield when possibility exists for eye contact due to spraying liquid or airborne particles.

Skin and body protection : Wear long sleeves, and chemically impervious PPE/coveralls to minimize bodily exposure.

Respiratory protection : Use NIOSH-approved dust/particulate respirator. Where vapor, mist, or dust exceed PELs or other applicable OELs, use NIOSH-approved respiratory protective equipment.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state : Liquid  
Color : Light grey.  
Odor : Slight ammonia odor.  
Odor Threshold : No data available  
pH : 8.5 - 10.5  
Relative evaporation rate (butylacetate=1) : 1  
Melting point : No data available

# MP Prime

## Safety Data Sheet

Prepared according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

|                                  |                        |
|----------------------------------|------------------------|
| Freezing point                   | : No data available    |
| Boiling point                    | : 100 °C (212 °F)      |
| Flash point                      | : No data available    |
| Auto-ignition temperature        | : No data available    |
| Decomposition temperature        | : No data available    |
| Flammability (solid, gas)        | : No data available    |
| Vapour pressure                  | : No data available    |
| Relative vapour density at 20 °C | : ≥ 1 (air = 1)        |
| Relative density                 | : 1.26 (water = 1)     |
| Solubility                       | : Miscible with water. |
| Log Pow                          | : No data available    |
| Log Kow                          | : No data available    |
| Viscosity, kinematic             | : No data available    |
| Viscosity, dynamic               | : 3000 - 6000 cP       |
| Explosive properties             | : No data available    |
| Oxidising properties             | : No data available    |
| Explosive limits                 | : No data available    |
| <b>9.2. Other information</b>    |                        |
| VOC content                      | : < 50 g/l             |

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

No data available.

#### 10.2. Chemical stability

Stable under recommended handling and storage conditions (see section 7).

#### 10.3. Possibility of hazardous reactions

No data available.

#### 10.4. Conditions to avoid

No data available.

#### 10.5. Incompatible materials

Strong oxidizers.

#### 10.6. Hazardous decomposition products

Carbon monoxide (CO), carbon dioxide (CO<sub>2</sub>).

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

|                                   |   |
|-----------------------------------|---|
| Acute toxicity                    | : Not classified                            |
| Skin corrosion/irritation         | : Causes skin irritation.<br>pH: 8.5 - 10.5 |
| Serious eye damage/irritation     | : Causes eye irritation.<br>pH: 8.5 - 10.5  |
| Respiratory or skin sensitisation | : Not classified                            |
| Germ cell mutagenicity            | : Not classified                            |
| Carcinogenicity                   | : May cause cancer (Inhalation).            |

#### Titanium dioxide (13463-67-7)

|            |                                      |
|------------|--------------------------------------|
| IARC group | 2B - Possibly carcinogenic to humans |
|------------|--------------------------------------|

#### Silica: Crystalline, quartz (14808-60-7)

|            |                            |
|------------|----------------------------|
| IARC group | 1 - Carcinogenic to humans |
|------------|----------------------------|

|  |  |
|--|--|
| Reproductive toxicity                              | : Not classified                         |
| Specific target organ toxicity (single exposure)   | : Not classified                         |
| Specific target organ toxicity (repeated exposure) | : Not classified                         |
| Aspiration hazard                                  | : Not classified                         |
| Symptoms/injuries after inhalation                 | : May cause respiratory irritation.      |
| Symptoms/injuries after skin contact               | : Causes skin irritation.                |
| Symptoms/injuries after eye contact                | : Causes eye irritation.                 |
| Symptoms/injuries after ingestion                  | : May cause gastrointestinal irritation. |

# MP Prime

## Safety Data Sheet

Prepared according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Chronic symptoms : May cause cancer (inhalation).

### SECTION 12: Ecological information

#### 12.1. Toxicity

Ecology - general : No information available.

#### 12.2. Persistence and degradability

|                               |                           |
|-------------------------------|---------------------------|
| <b>MP Prime</b>               |                           |
| Persistence and degradability | No information available. |

#### 12.3. Bioaccumulative potential

No additional information available

#### 12.4. Mobility in soil

No additional information available

#### 12.5. Other adverse effects

No additional information available

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

Waste treatment methods : Do not discharge to public wastewater systems without permit of pollution control authorities. No discharge to surface waters is allowed without an NPDES permit.

Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations. Do not allow the product to be released into the environment.

### SECTION 14: Transport information

In accordance with DOT

Not hazardous for transport

#### Additional information

Other information : No supplementary information available.

#### Transport by sea

No additional information available

#### Air transport

No additional information available

### SECTION 15: Regulatory information

#### 15.1. US Federal regulations

|   |  |
|---|--|
| <b>MP Prime</b>   |  |
| All chemical substances in this product are listed in the EPA (Environment Protection Agency) TSCA (Toxic Substances Control Act) Inventory |  |
| SARA Section 311/312 Hazard Classes   | Immediate (acute) health hazard<br>Delayed (chronic) health hazard |

#### 15.2. International regulations

No additional information available.

#### 15.3. US State regulations

WARNING! This product contains chemicals known to the state of California to cause cancer, birth defects, or other reproductive harm.

| <b>Diethanolamine (111-42-2)</b>                      |   |   |   |                                   |
|---|---|---|---|-----------------------------------|
| U.S. - California - Proposition 65 - Carcinogens List | U.S. - California - Proposition 65 - Developmental Toxicity | U.S. - California - Proposition 65 - Reproductive Toxicity - Female | U.S. - California - Proposition 65 - Reproductive Toxicity - Male | No significance risk level (NSRL) |
| Yes   | No  | No  | No  |                                   |

| <b>Carbon black (1333-86-4)</b>                       |   |   |   |                                   |
|---|---|---|---|-----------------------------------|
| U.S. - California - Proposition 65 - Carcinogens List | U.S. - California - Proposition 65 - Developmental Toxicity | U.S. - California - Proposition 65 - Reproductive Toxicity - Female | U.S. - California - Proposition 65 - Reproductive Toxicity - Male | No significance risk level (NSRL) |
| Yes   | No  | No  | No  |                                   |

# MP Prime

## Safety Data Sheet

Prepared according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

|   |   |   |   |                                   |
|---|---|---|---|-----------------------------------|
| <b>Titanium dioxide (13463-67-7)</b>  |   |   |   |                                   |
| U.S. - California - Proposition 65 - Carcinogens List   | U.S. - California - Proposition 65 - Developmental Toxicity | U.S. - California - Proposition 65 - Reproductive Toxicity - Female | U.S. - California - Proposition 65 - Reproductive Toxicity - Male | No significance risk level (NSRL) |
| Yes   | No  | No  | No  |                                   |
| <b>Silica: Crystalline, quartz (14808-60-7)</b>   |   |   |   |                                   |
| U.S. - California - Proposition 65 - Carcinogens List   | U.S. - California - Proposition 65 - Developmental Toxicity | U.S. - California - Proposition 65 - Reproductive Toxicity - Female | U.S. - California - Proposition 65 - Reproductive Toxicity - Male | No significance risk level (NSRL) |
| Yes   | No  | No  | No  |                                   |
| <b>Zinc oxide (1314-13-2)</b>   |   |   |   |                                   |
| U.S. - New Jersey - Right to Know Hazardous Substance List<br>U.S. - Massachusetts - Right To Know List<br>U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List  |   |   |   |                                   |
| <b>Carbon black (1333-86-4)</b>   |   |   |   |                                   |
| U.S. - New Jersey - Right to Know Hazardous Substance List<br>U.S. - Pennsylvania - RTK (Right to Know) List<br>U.S. - Massachusetts - Right To Know List<br>U.S. - Pennsylvania - RTK (Right to Know) - Special Hazardous Substances |   |   |   |                                   |
| <b>Titanium dioxide (13463-67-7)</b>  |   |   |   |                                   |
| U.S. - Massachusetts - Right To Know List<br>U.S. - New Jersey - Right to Know Hazardous Substance List<br>U.S. - Pennsylvania - RTK (Right to Know) List   |   |   |   |                                   |
| <b>n-Butyl acrylate (141-32-2)</b>  |   |   |   |                                   |
| U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List<br>U.S. - Massachusetts - Right To Know List<br>U.S. - New Jersey - Right to Know Hazardous Substance List  |   |   |   |                                   |
| <b>Silica: Crystalline, quartz (14808-60-7)</b>   |   |   |   |                                   |
| U.S. - New Jersey - Right to Know Hazardous Substance List<br>U.S. - Pennsylvania - RTK (Right to Know) List<br>U.S. - Massachusetts - Right To Know List   |   |   |   |                                   |
| <b>Styrene (100-42-5)</b>   |   |   |   |                                   |
| U.S. - Massachusetts - Right To Know List<br>U.S. - New Jersey - Right to Know Hazardous Substance List<br>U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List  |   |   |   |                                   |
| <b>1,2-Propylene glycol (57-55-6)</b>   |   |   |   |                                   |
| U.S. - New Jersey - Right to Know Hazardous Substance List<br>U.S. - Pennsylvania - RTK (Right to Know) List  |   |   |   |                                   |

### SECTION 16: Other information

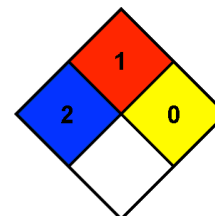
Indication of changes : Revision 1.0: New SDS Created.  
: 09/18/2015

Other information : Author: ANF.

NFPA health hazard : 2 - Intense or continued exposure could cause temporary incapacitation or possible residual injury unless prompt medical attention is given.

NFPA fire hazard : 1 - Must be preheated before ignition can occur.

NFPA reactivity : 0 - Normally stable, even under fire exposure conditions, and are not reactive with water.



### HMIS III Rating

Health : 2\*

Flammability : 1

Physical : 0

Personal Protection :

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product