



# WSM6 FLAT ROOF COATING

## MATERIAL SAFETY DATA SHEET

### 1. IDENTIFICATION

#### 1.1 Product identifier

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Trade name	<b>WSM6 FLAT ROOF Coating</b>
Chemical name	<b>Water-based Coating</b>

#### 1.2 Recommended use of the product and restrictions on use

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Recommended use	Industrial Use Only
Non- recommended use(s)	None known

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

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Company	Weatherskin Corporation. Bay B 1120 44th Avenue SE Calgary, Alberta. Canada T2G 4W6
Telephone	403 656 9244
Toll Free	1 877 693 9224
Website	<a href="http://www.weatherskin.com">www.weatherskin.com</a>

#### 1.4 Emergency telephone number

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Emergency In case of emergency call CANUTEC	613-996-6666
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## 2. HAZARD IDENTIFICATION

### 2.1 Classification of the mixture

Very thick opaque liquid, paint odor.

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2.1.1 Health Hazards	Skin Corrosion / irritation Category 3. • Causes Mild Skin Irritation  Serious Eye Damage / Eye Irritation Category 2B. • Causes Eye Irritation
2.1.2 Environmental Hazards	Harmful to aquatic life
2.1.3 Other Hazards	Caution - Spillages may be slippery
2.1.4 Hazards summary	Irritating to eyes and skin May cause irritation to the respiratory system. Harmful to aquatic life

### 2.2 Label Elements

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Signal word	Warning
Hazard statement	H316: Causes mild skin irritation H320: Causes eye irritation H402: Harmful to aquatic life
Precautionary Statements	Do not get in eyes, on skin, or on clothing. Wear protective gloves/protective clothing/eye protection/face protection.
IF ON SKIN (or hair)	Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
IF IN EYES	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.



## 3 COMPOSITION / INFORMATION ON INGREDIENTS

### 3.1 Substances

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### 3.2 Mixtures

#### WSM6 FLAT ROOF

#### HAZARDOUS INGREDIENTS C.A.S.# WEIGHT %

Titanium Dioxide 13463-67-7 5 - 10

## 4 FIRST AID MEASURES

### 4.1 Description of first aid measures

#### EYE CONTACT

Rinse cautiously with eyewash solution or clean water, holding the eyelids apart for several minutes. Remove contact lenses if present and easy to do. If eye irritation persists: Get medical attention. Continue rinsing eyes during transport to hospital.

#### SKIN CONTACT

If on skin or hair, take off immediately all contaminated clothing and shoes. Rinse skin, washing thoroughly with water. Get medical attention if irritation persists.

#### INHALATION

Remove patient from exposure, keep warm and at rest. Get medical attention

#### INGESTION

Clean mouth with water and drink afterwards a glass of water. Keep respiratory tract clear. Do not induce vomiting. Immediately call a POISON CENTER / Doctor

### 4.2 Indication of any immediate medical attention or special treatment needed

**Note to Physicians: Treat Symptomatically**



## 5 FIRE-FIGHTING MEASURES

### 5.1 Extinguishing media

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Suitable extinguishing media	Dry chemical, CO <sub>2</sub> , water spray or regular foam. Compatible with all standard fire fighting techniques.
Unsuitable extinguishing media	None known

### 5.2 Hazards

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Not applicable. Aqueous solution. Non-combustible

### 5.3 Fire-fighting instructions

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None.

## 6 ACCIDENTAL RELEASE MEASURES

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

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Use personal protective equipment. Wear chemical safety glasses, rubber boots and heavy rubber gloves. Prevent further leakage or spillage if safe to do so.

### 6.2 Environmental precautions

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Do not allow to enter drains, waterways, sewers, basements or confined areas.  
Do not discharge into the subsoil / soil. Absorb spills with inert material and place in a chemical waste container. If the product contaminates rivers and lakes or drains inform the respective authorities.

### 6.3 Methods and materials for containment and cleaning up

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Provide adequate ventilation. Caution: Spillages may be slippery. Ventilate the area. Soak up with inert absorbent material (e.g. sand, silica gel, universal binder, sawdust) Keep in suitable, closed containers for disposal.



## 7 HANDLING AND STORAGE

### 7.1 Precautions for safe handling

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Use only in well ventilated area. Avoid breathing vapor or mist. Avoid all personal contact. Use personal protective equipment. Avoid generation of mist. Emergency shower and eye wash facilities should be readily available. Do not eat, drink or smoke at the work place.

### 7.2 Hygiene considerations.

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Wash hands before breaks and after work. Remove soiled or soaked clothing immediately. Wash contaminated clothes before reuse. Do not eat, drink or smoke when handling this product. Remove contaminated clothing and protective equipment before entering eating areas.

### 7.3 Safe storage procedures

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Keep at a temperature not exceeding 50 °C. Do not allow material to freeze. Keep container tightly closed. Store in cool/well ventilated place.

## 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

### 8.1 EXPOSURE LIMITS

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#### **Hazardous Components (Chemical Name) Occupational Exposure Limits**

Titanium Dioxide 15 mg/m<sup>3</sup>. TWA (dust total)\*

\* Both pigments are dispersed in a liquid phase. They are not present in solid state as dust or loose particles.



## 8.2 EXPOSURE CONTROLS

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### ENGINEERING CONTROLS

Use local exhaust ventilation to maintain airborne concentrations at safe levels. Ensure adequate ventilation, especially in confined areas. Suitable respiratory equipment should be used in cases of insufficient ventilation or where demand it.

### PERSONAL PROTECTIVE EQUIPMENT

Respiratory Equipment: Respiratory protection not normally required. If exposure cannot be controlled below applicable limits, use the the appropriate NIOSH approved respirator such as an air purifying respirator with organic vapor cartridge and dust /mist filter. Consult the respirator manufacturer's literature to ensure that the respirator will provide adequate protection. Read and follow the manufacturer's instructions.

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Eye Protection	Use tightly fitting chemical splash goggles. Wear face shield if splashing hazard exists. Contact lenses should not be worn when working with chemicals because they contribute to the severity of an eye injury in case of exposure.
Hand Protection	Use impermeable gloves. Neoprene or butyl-rubber gloves
Body Protection	Use impervious clothing and chemical resistant boots. Consider using resistant coveralls and aprons, if extensive exposure is possible.
Other Protective Equipment	Ensure that eyewash stations and safety showers are close to the workstation location.
General Hygiene Consideration	Do not breathe mist or vapor. Avoid all contact. Do not eat, drink, or smoke when using this product. Wash thoroughly after handling. Remove and wash contaminated clothing before re-use. Do not take contaminated clothes home.



## 9 PHYSICAL AND CHEMICAL PROPERTIES

### Appearance

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Physical State	Thick Liquid.
Color	Black, white, green, blue etc.
Odor	Slight Solvent and Ammonia odor.

### Properties

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Boiling Point	Not available
Freezing Point	Not available
Flash Point	Not available
PH	8 - 9
Specific Gravity	1.35 – 1.45 g/ cm <sup>3</sup>
Viscosity	20.000 CPR
VOC content	Less than 30 g/L
Evaporation rate	Not applicable
Solubility in water	Soluble
Vapour pressure	Not applicable
Vapour density	No data
Auto ignition Point	Not applicable
Decomposition Temperature	Not applicable
Explosive properties	Not applicable
Oxidising Properties	No data



## 10 STABILITY AND REACTIVITY

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Reactivity	No data available.
Chemical Stability	Stable under normal conditions
Possibility of hazardous reactions	None under normal processing.
Conditions to avoid	Excessive heat, freezing.
Incompatible Materials	None known.
Hazardous decomposition products	None known.

## 11 TOXICOLOGICAL INFORMATION

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Ingestion	Aspiration hazard. Do not ingest
Inhalation	May cause irritation of nose, throat or respiratory tract. Avoid inhalation.
Skin Contact	May cause skin irritation. Avoid skin contact.
Eye Contact	Material will cause irritation. Avoid eye contact
Skin corrosion/irritation	Irritating to skin
Serious eye damage/irritation	Irritating to eyes.
Sensitization	Not sensitizing
Carcinogens	Possible cancer hazard. Contains materials which may cause cancer based on animal data.  Contains TiO <sub>2</sub> which is listed by IARC as a possible carcinogen (Group 2B) based on animal data. Neither long Term animal studies, nor human epidemiology studies of workers exposed to TiO <sub>2</sub> provide an adequate basis to Conclude TiO <sub>2</sub> is carcinogenic. TiO <sub>2</sub> is not classified as a carcinogen by NTP, U.S. OSHA or the U.S. EPA IARC has also classified Carbon Black as a possibly carcinogenic to humans (Group 2B). ACGIH-A4 Not classifiable as a Human Carcinogen.





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Mutagenicity	No evidence of mutagenic effects.
Teratogenicity	No evidence of teratogen effects.
Reproductive toxicity	No evidence of reproductive effects.
Aspiration Hazard	No aspiration hazard expected.

## 12 ECOLOGICAL INFORMATION

### 12.1 Toxicity

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Harmful to aquatic life.

### 12.2 Persistence and Degradability

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No information available.

### 12.3 Bioaccumulative potential

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No information available.

### 12.4 Mobility in Soil

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No information available.

## 13 DISPOSAL CONSIDERATIONS

### Waste Disposal Method

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Dispose of this material and its container to hazardous or special waste collection point. Do not discharge substance/product into sewage system. Do not contaminate pond, waterways or ditches with chemical or used container. The product should not be allowed to enter drains, water courses or the soil.



## 14 TRANSPORTATION INFORMATION

### 14.1 Identification, UN number

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Water based Paint. Not Regulated

### 14.2 Shipping Name

### 14.3 Packing Group

## 15 OTHER INFORMATION

### Waste Disposal Method

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Preparation Date

July 5, 2018

SDS prepared by

Weatherskin Corp. 403 656 9244

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# WSM6 FLAT ROOF BASECOAT

## MATERIAL SAFETY DATA SHEET

### 1. IDENTIFICATION

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Product Name	<b>WSM6 FLAT ROOF Basecoat</b>
Manufacturer	<b>Weatherskin Corporation</b>
Synonyms	<b>Water-based Coating</b>
Product Use/ Class	<b>As a roof coating</b>

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Address	Bay B - 1120 44th Ave S.E. Calgary, Alberta, Canada T2G 4W6
Telephone	(403) 656-9244
Email	team@weatherskin.com
Web	www.weatherskin.com

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## 2 HAZARDOUS INGREDIENTS

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**Roof Coating Hazardous Ingredients:** Not regulated by WHMIS

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## 3 HAZARDS IDENTIFICATION

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### POTENTIAL HEALTH EFFECTS

<b>Eye Contact</b>	May cause irritation.
<b>Skin Contact</b>	May cause irritation.
<b>Inhalation</b>	May cause irritation of the respiratory tract.
<b>Ingestion</b>	May cause adverse health effects.

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## 4 FIRST AID MEASURES

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<b>Eye Contact</b>	In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Hold eyelids apart to ensure complete irrigation. Obtain immediate medical attention.
<b>Skin Contact</b>	Remove contaminated clothing. Flush skin with water followed by washing with soap and water. If symptoms develop or persist, obtain medical attention. Wash clothing before re-use.
<b>Inhalation</b>	Remove to fresh air. If breathing is difficult, give oxygen. Get medical attention.
<b>Ingestion</b>	If swallowed, do not induce vomiting. Give victim plenty of water. Never give anything by mouth to an unconscious person. Get medical attention.

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## 5 FIRE FIGHTING MEASURES

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<b>Flash Point</b>	Not flammable
<b>Flash Point Method</b>	Not applicable
<b>OSHA Flamability</b>	Not applicable
<b>Lower Explosive Limit</b>	Not applicable
<b>Upper Explosive Limit</b>	Not applicable
<b>Autoignition Temperature</b>	Not applicable
<b>Extinguishing Media</b>	Use water spray or fog, foam, and dry chemical or CO for surrounding fire.
<b>Fire Fighting Procedures</b>	Wear self-contained breathing apparatus, (MSHA/NIOSH approved or equivalent) and full protective gear. Containers can build up pressure if exposed to heat. Cool with water spray.

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## 6 ACCIDENTAL RELEASE MEASURES

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Contain spill in order to prevent contamination of waterways. Small spills can be covered in absorbent material. Large spills should be pumped away into temporary storage containers for disposal. If water pollution occurs, notify appropriate authorities.

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## 7 HANDLING AND STORAGE

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- Handling** Keep away from heat. Keep containers closed and dry. Mixing with metal salts will cause the product to coagulate. Avoid breathing vapors and/or mist. Avoid contact with eyes, skin, and clothing. Follow all MSDS/ Label precautions.
- Storage** Do not allow product to freeze. Store in cool, dry, and well-ventilated area. Keep container closed when not in use.
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## 8 PERSONAL PROTECTION

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**Exposure Limits**

**Value:** Not available

**Limit:** Not available

**Engineering Controls**

Provide adequate ventilation.

**Respiratory Protection**

Wear approved respirator if exposed to mist.

**Eye Protection**

Use chemical splash goggles. Do not wear contact lenses.

**Skin Protection**

Use impermeable rubber gloves.

**Other Protective Equipment**

Safety showers and eye wash fountain should be readily available.

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## 9 PHYSICAL AND CHEMICAL PROPERTIES

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<b>Physical State</b>	Liquid	<b>pH</b>	8-9
<b>Appearance &amp; Odor</b>	Green liquid, to ammonia	<b>Specific Gravity</b>	1.35 - 1.45 g/cm <sup>3</sup>
<b>Vapor Pressure</b>	Not available	<b>Viscosity</b>	Not available
<b>Vapor Density</b>	Not available	<b>Volatiles</b>	<35%
<b>Boiling Point</b>	100°C (212°F)	<b>Evaporation Rate</b>	Not available
<b>Freezing Point</b>	0°C	<b>Solubility in Water</b>	Miscible

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## 10 STABILITY AND REACTIVITY

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<b>Stability</b>	Stable under normal conditions
<b>Hazardous Polymerization</b>	Will not occur
<b>Conditions to Avoid</b>	Heat, freezing, strong oxidizers
<b>Incompatibility with Other Materials</b>	Material will coagulate when mixed with metal salts.

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## 14 TRANSPORTATION INFORMATION

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### Technical Shipping

**Name:** Acrylate Polymer, Dispersion

### Hazard Class or Division

**TDG:** Not regulated

**Classification:** Not regulated

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## 15 REGULATORY INFORMATION

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### OSHA

This document has been prepared in accordance with the MSDS requirements of the OSHA Hazard Communication Standard  
Hazardous material by definition of Hazardous  
Communication Standard: 29 CFR 1910.1200

### Clean Air Act Section 112

The product contains the following components listed as  
Hazardous Air Pollutants:  
Not available

### SARA Section 302

The product contains the following components listed as  
Extremely Hazardous Air Pollutants:  
Not available

### SARA Section 311/312

The product contains the following components listed as  
Extremely Hazardous Substances:  
Not available

#### Hazard Classification:

Immediate:	No
Delayed:	No
Fire:	No
Pressure:	No
Reactivity:	No





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**SARA Section 313**

The product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Authorization Act of 1986 and 40 CFR Part 372:  
None

**TSCA**

The product or its components are listed in or exempt from the TSCA inventory requirements.  
The product contains the following non-proprietary substances subject to export notification under Section 12(b) of TSCA:  
All products contained are in the TSCA inventory

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## 16 OTHER INFORMATION

**Prepared by**

Weatherskin Corporation

**Telephone Number**

(403) 656-9244

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