DATA SHEET

ECO-SMART ELASTOMERIC MEMBRANE FOR ROOF WSM6

WS M6 Lite Elasto Roof Membrane is a liquid-applied, reinforced, high build, low gloss cold roofing system. WS M6 is a perfect fix for sealing any minor cracks and imperfections. With exceptional aging properties, future ruptures, cracks and delaminating are prevented, increasing durability and providing long-last ing protection for any polyurethane foam insulated structures. Its unique molecular structure allows for substrate movement, accommodation to sudden temperature fluctuation, is able to perfectly utilize its tensile strength and elongation abilities and allow the substrate to breathe, preventing damage from moisture and activated salts present. In tandem with the instructions outlined in the following Product Information Sheets, WS M6 creates a strong, solar reflective and UV resistant coating able to withstand fungi and mildew while providing cushion to the structure underneath, going beyond the capabilities of traditional roofing systems.

FEATURES

- **Vents through the roof are incorporated seamlessly into the surface of the roof**
- **Exceptional elongation properties and tensile strength**
- **Bridges gaps up to 1/16”**

See Pages 6 - 8 for Performance Test Report by Architectural Testing Inc.

USES

WS M6 Lite Elasto Roof Membrane becomes an integral piece of a substrate as it:

- **Is used for flat roofs, low pitched roofs and roofs with grade**
- **May be applied directly over asphalt, metal, plywood, polyurethane foam, concrete and polyvinyl chloride (PVC) waterproofing membranes and rubber roofs, for EPDM.**
- **Keeps structure cool in warmer temperatures by resisting increasing surface temperatures, reducing air conditioning costs**
- **Protects roof substates and substructures from leakage and moisture intrusion**
- **Allows substrate to breathe, reducing damage caused by moisture and rot**
- **Reflects UV rays**
- **Lowers thermal shock**

LIMITATIONS

- **Do not apply BaseCoat and TopCoat below 5°C (41°F) or above 35°C (95°F)**
- **Do not apply BaseCoat and TopCoat if precipitation and freezing temperatures are expected prior to a full cure**
- **Allow proper UV curing by ensuring a minimum of 4 hour daylight exposure after application**
- **Maximum operating temperature: 120°C (250°F)**
- **Minimum operating temperature: -50°C (-58°F)**

Weatherskin Corporation®, 1120 44th Ave SE, Calgary, AB T2G 4W6
Email: team@weatherskin.com

WEATHERSKIN COATINGS

Surface Preparation

New Surfaces. Prior to the application of WS M6, ensure that the surface is clean, dry and free of any dust, dirt, and loose particles. Power wash at a minimum pressure of 3000 psi to remove surface contaminants. Remove oil, grease and surface salts using Cleaner Degreaser then follow up by rinsing and scrubbing thoroughly using water. Let dry prior to BaseCoat application.

Old roofs. Prior to the application of WS M6, ensure that the surface is clean, dry and free of any dust, dirt, grease and loose particles. Power wash at a minimum pressure of 3000 psi using detergent to remove surface contaminants. Rinse off detergent with water and allow to dry. Repair any surface imperfections before applying BaseCoat.

Metal roofs. Prior to the application of WS M6, ensure that the surface free from any rut down to the bare metal using a power wire brush. Pressure wash metal afterwards. Replace damaged or severely rusted panels.

SYSTEM COMPONENTS

- **Primer — for porous surfaces, eg. concrete, dilute BaseCoat or TopCoat by 50% (1:1) with water and apply 0.5 gallons /100 sq. ft. or use undiluted PrimeBond.**
- **BaseCoat — apply 1.5 gallons/100 sq. ft. while maintaining a WFT of 24 mils.**
- **Reinforcing Fabric — back roll into BaseCoat on flat/low grade surfaces and overlap adjacent runs of fabric 4 inches minimum by side.**
- **Saturation coat — BaseCoat and TopCoat; apply 1 gallon/100 sq. ft. while maintaining a WFT of 16 mils.**
- **TopCoat — apply 1 gallon/120 sq. ft. while maintaining a WFT of 10-12 mils/ coat.**

PRIMING

No priming is required on:

- **Plywood or unpainted wood**
- **Weathered, galvanized metal**
- **Modified bitumen, roll roofing, built-up, polyurethane foaming and insulation board**

Prime:

- **Unprotected metals using appropriate metal primer**
- **Concrete and masonry surfaces using PrimeBond — apply 200 sq. ft./gallon.**

Note: PVDF substrates do not require priming with PrimeBond.

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Application

To apply WS M6, install cant strips on every internal corners and a flat metal drip edge on the outside perimeters. Repair cracks, nonworking joints and other imperfections using a 6 inch wide strip of BaseCoat and apply at 25 mils WFT. While wet, embed a 6 inch wide strip of Reinforcing Fabric into the BaseCoat layer then saturate immediately after using BaseCoat at 16 mils WFT. Metal roofs. Using BaseCoat, embed all fasteners and apply a minimum of 4 inch wide strip on all joints and seams. While wet, embed Reinforcing Fabric into the BaseCoat layer then saturate immediately after using a coat of BaseCoat. Apply 2 coats of TopCoat at 10-12 mils (70 sq. ft./USG combined). Flat roofs. Coat entire surface using BaseCoat at 24 mils WFT and embed Reinforcing Fabric while coat is wet. Overlap adjacent runs of fabric a minimum of 4 inches per side then immediately saturate using BaseCoat at 16 mils WFT. Let dry.

Flash roof penetrations using TopCoat. Apply at 24-25 mils. Immediately embed and brush in a 6”-12” wide Reinforcing Fabric. Ensure fabric is not stretched and free from wrinkles. Cut of any fish mouths then apply a second coat of TopCoat at the same thickness. When applying TopCoat on an existing roof substrate, apply 2 coats at a minimum WFT of 20 mils per coat.

Apply WS M6 is ready to use straight from the container, eliminating the need for other paints or solvents. Thoroughly stir before application while using care to prevent excessive entrapment of air. WS M6 may be applied using an airless spray, power roller or conventional roller. Apply a liberal coat and check application using a wet film gauge to maintain minimum wet film thickness. Back roll polyester Reinforcing Fabric into BaseCoat on even and low-slope surfaces. Steeper grades do not require Reinforcing Fabric. Apply TopCoat within recoat window. Do not apply to surfaces with excessive moisture content, such as during damp or rainy weather. Do not apply in temperatures below 5°C (42°F).

Power Roller

Apply product generously and frequently monitor application using a film thickness gauge to maintain proper wet film thickness.

Conventional Roller

Keep roller saturated with material and apply product in two crosshatch coats at right angles and frequently monitor application using a film thickness gauge to maintain proper wet film thickness. Allow the first coat to dry for a minimum of 6 hours or until surface dries, prior to a second application. Finish in a downward motion using a dry roller.

Airless Spray

Generously apply in a crosshatch pattern and back roll to prevent a pinhole surface and frequently monitor application using a film thickness gauge to maintain proper wet film thickness. Use equipment that is able to maintain a 2,500 to 2,700 psi at the tip.

- **Orifice size: 0.019” (0.48 mm) to 0.023” (0.58 mm)**

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Thinning/Cleanup

Do not use thinners as it will reduce the sealing ability of the product. Do not add other paints or solvent with this product. Wash all equipment in a warm detergent solution then rinse with water. Spray equipments should be given a final rinse using mineral spirits to prevent rusting. Use completely or properly dispose. Please return totes to PSC. Local disposal requirements vary; refer to your local environmental agencies for more information on disposal options. Recycle any empty containers.

Curing Time

24 mils WFT (1.5 gallons/100 sq. ft.) @ 50% Relative Humidity

SUBSTRATE TEMP.	RECOAT AFTER FULL CURE	5°C/41°F 24 HOURS 72 HOURS
10°C/50°F	24 hours	72 hours
20°C/68°F	12 hours	48 hours
30°C/86°F	8 hours	30 hours

Allow primers to dry 4 hours minimum or until it is dry to touch and may support foot traffic without tracking. For BaseCoat and TopCoat, let coats dry and can support foot traffic without tracking prior to applying a second coat.

Maintenance and Solar Reflectivity

Regard all roofs as a maintenance item. As such, inspect twice a year (fall and spring). Expect solar reflectance to be reduced as excess dirt, dust and other build ups may contribute along with normal aging and weathering. Surface coating may be cleaned with water and a mild detergent by hand of using a low pressure spray equipment. Rinse thoroughly. Coating surfaces should be cleaned every two years to maximize solar reflectance and cooling cost savings. Note: Energy savings from installation of Smart-Roof System will vary from building to building as it is climate specific. Greatest savings will occur in warmer, sunny climates that have a high roof surface to building volume ratio and lower levels of attic/roof insulation.

Safety Precautions

Refer to Material Safety Data Sheet (MSDS) prior to handling this product.

Shelf Life

Unopened, WS M6 has a shelf life of 6 months.

Shipping Information

Non-hazardous.

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Minimum Precautions

Keep out of reach of children. Wear protective gloves and googles. Avoid skin and eye contact. In case of skin contact, wash thoroughly with soap and water. In case of eye contact, rinse immediately with water for 15 minutes and seek medical help immediately.

Packaging

WS M6 5 USG pails
55 USG drum

Warranty Disclaimer

We guarantee our Products adhere to the specifications of Weatherskin Coatings. Weatherskin Coatings makes no warranty or guarantee, expressed or implied, including warranties of fitness for a particular purpose or merchantability, respecting its Products. Liability, if any, is limited to refund or purchase price or replacement of the Product. All consequential damages, labor and cost of labor are hereby excluded.

Performance Test Report by Architectural Testing Inc.
130 Derry Court York PA 17406-8405
Report #A8344.01-106-31

Ponding water resistance. This test requires a membrane capable of retaining 25.4 mm water with no passage through the membrane for 2 hours

Test Specimen	Test Duration	Observations
1	2 hours	No water passage though membrane
2	2 hours	No water passage though membrane
3	2 hours	No water passage though membrane
4	2 hours	No water passage though membrane
5	2 hours	No water passage though membrane
6	2 hours	No water passage though membrane
7	2 hours	No water passage though membrane
8	2 hours	No water passage though membrane
9	2 hours then 7 days	No water passage though membrane
10	2 hours then 7 days	No water passage though membrane

Note: Test Specimens 9 and 10 retained ponding water for seven days with no passage of water.

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Results of testing WS M6 Lite Elasto Roof Membrane to ASTM D 903, Standard Test Method for Peel or Stripping Strength of Adhesive Bonds using PVC waterproofing membrane substrate, without primer.

Test Specimen	Peel Strength on PVC waterproofing membrane without primer (lb/in)
1	2.5
2	2.6
3	3.0
4	3.4
5	3.7
6	2.7
7	3.0
8	2.4
9	2.9
10	2.6
Average	2.9

As there are no recognized requirements for peel results from the requested substrate, ASTM D 6083, Standard Specification for liquid-applied Acrylic Coating used in Roofing specifies a minimum of 2.0 lb/in for wet peel results from a galvanized substrate.

The following are results from the evaluation of bond strength for WS M6 Lite Elasto Roof Membrane to ICC-ES AC 212, Acceptance Criteria for Water-Resistive Coatings used as Water-Resistive Barriers over Exterior Sheathing — Section 4.1, Tensile Bond Testing using a Polyvinylidene Fluoride (PVDF) coated metal substrate, with primer.

Specimen	Test Area (in^2)	Flatwise Tensile Strength (psi)	AC 212, Section 4.1.2 — Performance Criteria*	Result
1	1.0	123.5	All specimens greater than or equal to 15 psi	Pass
2	1.0	121.6	All specimens greater than or equal to 15 psi	Pass
3	1.0	121.8	All specimens greater than or equal to 15 psi	Pass
4	1.0	135.1	All specimens greater than or equal to 15 psi	Pass
5	1.0	131.2	All specimens greater than or equal to 15 psi	Pass
Mean	1.0	126.6	All specimens greater than or equal to 15 psi	Pass

*Testing was done in accordance with ASTM C 397/C297M-04, Standard Test Method for Tensile Strength of Sandwich Constructions as required by AC 212, Section 4.1.1.

Copies of original test results are available upon request.

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General Data for Reinforcing Fabric

Style	Tietex T272
Construction	Stitchbond
Content	100% Polyester
Finished Weight	3.41 oz./sq. yard
Gauge	18
CPI	18

Average Typical Properties

Individual test results may vary.

Tensile Strength (1" jaws)	Warp 74 lbs, Weft 45 lbs Test method using ASTM D-5034.
Elongation at Break	Warp 21.3%, Weft 51.3% Test method using ASTM D-5034.
Ball Burst	111 lbs Test method using ASTM D-3787.
Trapezoid (Tear Strength)	Warp 13.5 lbs Test method using ASTM D-117.
Thickness	0.18 Test method using ASTM D-1777.

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General Data for TopCoat and BaseCoat

Type	Acrylic Elastomeric
VOC	Less than 20 g/L
Volume Solids	57% Test method using ASTM D2697. Requirement: >50%
Weight Solids	69% Test method using ASTM D1644. Requirement: >60%
Initial Elongation	>250% Test method using ASTM D2370. Requirement: >100%
Initial Tensile Strength	>230 psi Test method using ASTM D2370. Requirement: >200psi
Initial Reflectance	(4010 white) >84% Test method using ASTM D2824.
Specific Gravity	1.41 g/cm3 Test method using ASTM D1475.
Weight per USG	11.7 lbs/gallon Coverage: 60 ft./gallon @ 12 mils DFT
Film Thickness (wet)	20 mils per coat, average, refer to system components
Number of Coats	Two coats over BaseCoat (if required)
Viscosity	25,000 CPS @ 6 RPM (Brookfield, 20C)
Flashpoint	N/A
Dries by	Evaporation, Coalescence
Dry Time @ 50% Relative Humidity	@20°C (68°F)
Recoat	12 hours
Full Cure	48 hours
Thin with	Do not thin

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WSM6 FLAT ROOF COATING

MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION

1.1 Product identifier

Trade name	**WSM6 FLAT ROOF Coating**
Chemical name	**Water-based Coating**

1.2 Recommended use of the product and restrictions on use

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

1.3 Details of the supplier of the safety data sheet

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	www.weatherskin.com

1.4 Emergency telephone number

Emergency In case of emergency call CANUTEC	613-996-6666

2. HAZARD IDENTIFICATION

2.1 Classification of the mixture

Very thick opaque liquid, paint odor.

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

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

Suitable extinguishing media	Dry chemical, CO2, water spray or regular foam. Compatible with all standard fire fighting techniques.
Unsuitable extinguishing media	None known

5.2 Hazards

Not applicable. Aqueous solution. Non-combustible

5.3 Fire-fighting instructions

None.

6 ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures.

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

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

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

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.

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

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

Hazardous Components (Chemical Name) Occupational Exposure Limits

Titanium Dioxide 15 mg/m3. 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

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.

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

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

Properties

Boiling Point	Not available
Freezing Point	Not available
Flash Point	Not available
PH	8 - 9
Specific Gravity	1.35 – 1.45 g/ cm^3
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

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

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 TiO2 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 TiO2 provide an adequate basis to Conclude TiO2 is carcinogenic. TiO2 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.

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

Harmful to aquatic life.

12.2 Persistence and Degradability

No information available.

12.3 Bioaccumulative potential

No information available.

12.4 Mobility in Soil

No information available.

13 DISPOSAL CONSIDERATIONS

Waste Disposal Method

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

Water based Paint. Not Regulated

14.2 Shipping Name

14.3 Packing Group

15 OTHER INFORMATION

Waste Disposal Method

Preparation Date	July 5, 2018
SDS prepared by	Weatherskin Corp. 403 656 9244

The information is furnished without warranty, representation, inducement, license of any kind, except that it is accurate to the best of Weatherskin Corporation's knowledge or obtained from sources believed by to be accurate Weatherskin Corporation does not assume any legal responsibility for use or reliance on same. Customers are encouraged to do their own tests.

WSM6 FLAT ROOF
BASECOAT

MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION

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

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

2 HAZARDOUS INGREDIENTS

Roof Coating Hazardous Ingredients: Not regulated by WHMIS

3 HAZARDS IDENTIFICATION

POTENTIAL HEALTH EFFECTS

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

4 FIRST AID MEASURES

Eye Contact	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.
Skin Contact	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.
Inhalation	Remove to fresh air. If breathing is difficult, give oxygen. Get medical attention.
Ingestion	If swallowed, do not induce vomiting. Give victim plenty of water. Never give anything by mouth to an unconscious person. Get medical attention.

5 FIRE FIGHTING MEASURES

Flash Point	Not flammable
Flash Point Method	Not applicable
OSHA Flamability	Not applicable
Lower Explosive Limit	Not applicable
Upper Explosive Limit	Not applicable
Autoignition Temperature	Not applicable
Extinguishing Media	Use water spray or fog, foam, and dry chemical or CO for surrounding fire.
Fire Fighting Procedures	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.

6 ACCIDENTAL RELEASE MEASURES

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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Email: team@weatherskin.com

7 HANDLING AND STORAGE

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.

8 PERSONAL PROTECTION

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.

9 PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Liquid	**pH**	8-9
Appearance & Odor	Green liquid, to ammonia	**Specific Gravity**	1.35 - 1.45 g/cm3
Vapor Pressure	Not available	**Viscosity**	Not available
Vapor Density	Not available	**Volatiles**	<35%
Boiling Point	100°C (212°F)	**Evaporation Rate**	Not available
Freezing Point	0°C	**Solubility in Water**	Miscible

10 STABILITY AND REACTIVITY

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

14 TRANSPORTATION INFORMATION

Technical Shipping
Name: Acrylate Polymer, Dispersion

Hazard Class or Division
TDG: Not regulated
Classification: Not regulated

15 REGULATORY INFORMATION

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

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

16 OTHER INFORMATION

Prepared by	Weatherskin Corporation
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