

SAFETY DATA SHEET

Issue Date 12-May-2015 Revision Date 1-August-2019 Version 3

1. IDENTIFICATION

Product identifier

Product Name 6100 WB Matte Urethane - Part A

Recommended use of the chemical and restrictions on use

Recommended Use Concrete Coating

Uses advised against No Data

Details of the supplier of the safety data sheet

Manufacturer Address

Surface Koatings, Inc. 134 Davis Street Portland, TN 37148 Telephone (615) 323-9461

Emergency telephone number

Company Phone Number (615) 323-9461

24 Hour Emergency Phone Number 800-535-5053 (United States & Canada), International Call: 1-352-323-3500

2. HAZARDS IDENTIFICATION

Classification

OSHA Regulatory Status

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Acute toxicity - Oral	Not classified
Acute toxicity - Inhalation (Vapors)	Not classified
Skin corrosion/irritation	Not classified
Serious eye damage/eye irritation	Not classified

Label elements

Emergency Overview

Warning

Hazard statements

May be harmful if swallowed May cause an allergic skin reaction Causes eye irritation



Appearance Milky White Liquid

Physical state liquid

Odor Slight

Precautionary Statements - Prevention

Avoid breathing dust/fume/gas/mist/vapors/spray

Wash hands and face thoroughly after handling

Contaminated work clothing should not be allowed out of the workplace

Wear protective gloves

Precautionary Statements - Response

IF IN EYES: Rinse cautiously with water for several minutes. Remove contacts, if present and easy to do. Continue rinsing.

If eye irritation persists: Get medical advice/attention

IF SWALLOWED: Immediately call a POISON CONTROL CENTER/doctor

IF ON SKIN: Wash with plenty of soap and water.

If skin irritation occurs: Get medical advice or attention.

Take off contaminated clothing and wash before reuse

IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.

Precautionary Statements - Storage

Store in a well-ventilated place. Keep container tightly closed.

Keep from freezing.

Precautionary Statements - Disposal

Dispose of contents/container in accordance with local/regional/national regulations.

Hazards not otherwise classified (HNOC)

May cause skin irritation.

Other Information

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance

This product contains no reportable hazardous ingredients.

4. FIRST AID MEASURES

Description of first aid measures

General advice Move out of the dangerous area. Consult a physician. Provide this Safety Data Sheet to the

doctor in attendance.

Eye contact IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if

present and easy to do. Continue rinsing. If eye irritation persists: Get medical

advice/attention.

Skin contact IF ON SKIN: Wash off with soap and plenty of water. If skin irritation occurs: Get medical

advice or attention.

Inhalation IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for

breathing. If breathing is irregular or stopped, administer artificial respiration. If symptoms

persist, call a physician.

Ingestion IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do NOT

induce vomiting. Never give anything by mouth to an unconscious person.

Most important symptoms and effects, both acute and delayed

Symptoms Eye, Skin, and Respiratory Irritation.

Indication of any immediate medical attention and special treatment needed

Note to physicians Treat symptomatically. For additional information, see Safety Data Sheet.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media

Product is not combustible. Use water spray (fog), alcohol-resistant foam, dry chemical, or carbon dioxide for surrounding fire.

Unsuitable extinguishing media Not Applicable.

Specific hazards arising from the chemical

None Known.

Hazardous combustion products Carbon oxides.

Explosion data

Sensitivity to Mechanical Impact Not available.
Sensitivity to Static Discharge Not sensitive.

Protective equipment and precautions for firefighters

Wear self-contained breathing apparatus and protective suit.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions In case of spill wear appropriate personal protective equipment during any cleanup and

response activities. Avoid skin contact and inhalation.

Environmental precautions

Environmental precautions Prevent further leakage or spillage if safe to do so. Do not allow product to enter any drains

or waterways.

Methods and material for containment and cleaning up

Methods for containment Dike and contain spill with inert absorbent materials. Soak up with inert material and

dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

Methods for cleaning up Pick up and transfer to properly labeled containers.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling Avoid contact with skin and eyes. Avoid inhalation of vapor or mist.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep at a temperature not exceeding 38 Degrees C (100 Degrees F). Do not allow material

to freeze. Keep container tightly closed in a dry and well-ventilated place. Containers which

are opened must be carefully resealed and kept upright to prevent leakage.

Incompatible materials None known.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines Not Available

Appropriate engineering controls

Engineering Controls General/Local Ventilation Recommended.

Individual protection measures, such as personal protective equipment

Eye/face protection Wear safety glasses with side shields (or goggles).

Skin and body protectionWear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls,

as appropriate, to prevent skin contact. Wear chemical resistant gloves at minimum. Wash

skin immediately upon contact. Wash hands at mealtime and end of shift.

Respiratory protectionUse respiratory protection unless adequate local exhaust ventilation is provided, or

exposure assessment demonstrates that exposures are within recommended exposure guidelines. Where concentrations are above recommended limits or are unknown, appropriate respiratory protection should be worn. Follow OSHA respirator regulations (29)

CC (closed cup)

CFR 1910.134) and use NIOSH/MSHA approved respirators.

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice. Wash hands before

and after breaks and at the end of the workday.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state liquid

Appearance Milky White Liquid Odor Slight

Color white Odor threshold No data available

Property Values Remarks • Method

pH Not Relevant

Melting point / freezing point Not Applicable/ 32° F

Boiling point / boiling range 100 °C

Flash point > 248 °C (478 °F)

Evaporation rateFlammability (solid, gas)
Not Available
Not Relevant

Flammability Limit in Air

Upper flammability limit: Not Available
Lower flammability limit: Not Available
Vapor pressure Not Available
Vapor density Not Available

Relative density 1.08 @ 70 Degrees F Water solubility Soluble in water Solubility in other solvents Not Available **Partition coefficient** Not Available **Autoignition temperature** Not Available **Decomposition temperature** Not Available Kinematic viscosity Not Available **Dvnamic viscosity** Not Available **Explosive properties** Not Available **Oxidizing properties** Not Available

Other Information

Softening point Not Relevant Molecular weight Not Available

VOC Content (%) < 100 g/L (Mixed A&B)

Density Not Available Bulk density Not Available

10. STABILITY AND REACTIVITY

Reactivity

Not Available

Chemical stability

Stable.

Possibility of Hazardous Reactions

No data available.

Conditions to avoid

None known.

Incompatible materials

None known.

Hazardous Decomposition Products

Carbon oxides.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Inhalation Direct contact and vapor inhalation.

Eye contact Direct contact.

Skin contact Direct contact.

Ingestion Direct contact.

Information on toxicological effects

Symptoms Ingestion may cause nausea, vomiting and diarrhea. Exposure causes mild skin irritation.

Exposure causes eye irritation. Depending on concentration of residual monomers (typically <0.1%), vapors can collect above the liquid in closed containers. These vapors may result

in eye and upper respiratory tract irritation.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation Irritating to skin. Serious eye damage/eye irritation Irritating to eyes.

Irritation Irritating to eyes, respiratory system and skin.

Sensitization No data available. Germ cell mutagenicity No data available.

Carcinogenicity This product does not contain any carcinogens or potential carcinogens as listed by OSHA,

IARC or NTP. Not Available. Not Available.

Reproductive toxicity STOT - single exposure STOT - repeated exposure Not Available. Aspiration hazard Not Available.

Numerical measures of toxicity - Product Information

12. ECOLOGICAL INFORMATION

Material is expected to be harmful to aquatic organisms. May cause long-term adverse effects in the aquatic environment.

Ecotoxicity

No data available.

Persistence and degradability

No data available.

Bioaccumulation

No data available.

Other adverse effects No data available.

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal of wastesThis material, as supplied, is not a hazardous waste according to state and federal

regulations (40 CFR 261).

Contaminated packaging Dispose of in accordance with federal, state and local regulations.

14. TRANSPORT INFORMATION

DOT Not regulated

Marine pollutant Material is expected to be harmful to aquatic organisms. May cause long-term adverse

effects in the aquatic environment.

IATA Not regulated

IMDG Not regulated

15. REGULATORY INFORMATION

International Inventories

TSCA Does not comply Does not comply **DSL/NDSL EINECS/ELINCS** Does not comply **ENCS** Does not comply **IECSC** Does not comply Does not comply KECL **PICCS** Does not comply **AICS** Does not comply

<u>Legend:</u>

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories

Acute health hazardYesChronic Health HazardYesFire hazardNoSudden release of pressure hazardNoReactive HazardNo

CWA (Clean Water Act)

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

CERCLA

Does not apply

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals

U.S. State Right-to-Know Regulations

U.S. EPA Label Information

16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OF THE LAST REVISION

NFPA Health hazards 2 Flammability 1 Instability 0 Physical and Chemical

Properties -

HMIS Health hazards 2 Flammability 1 Physical hazards 0 Personal protection X

Issue Date12-May-2015Revision Date1-August-2019

Revision Note

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet



SAFETY DATA SHEET

Issue Date 12-May-2015 Revision Date 1-August-2019 Version 3

1. IDENTIFICATION

Product identifier

Product Name 6100 WB Matte Urethane - Part B

Recommended use of the chemical and restrictions on use

Recommended Use Concrete Coating.

Uses advised against No Data

Details of the supplier of the safety data sheet

Manufacturer Address

Surface Koatings, Inc. 134 Davis Street Portland, TN 37148 Telephone (615) 323-9461

Emergency telephone number

Company Phone Number (615) 323-9461

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2. HAZARDS IDENTIFICATION

Classification

OSHA Regulatory Status

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Acute toxicity - Oral	Not classified
Acute toxicity - Inhalation (Vapors)	Not classified
Skin corrosion/irritation	Not classified
Serious eye damage/eye irritation	Not classified

Label elements

Emergency Overview

Warning

Hazard statements

May be harmful if swallowed
May cause an allergic skin reaction
May be harmful if inhaled
Causes serious eye irritation
May Cause Respiratory Irritation



Appearance Milky White Liquid

Physical state liquid

Odor Slight

Precautionary Statements - Prevention

Avoid breathing dust/fume/gas/mist/vapors/spray Wash hands and face thoroughly after handling

Contaminated work clothing should not be allowed out of the workplace

Wear protective gloves

Precautionary Statements - Response

IF IN EYES: Rinse cautiously with water for several minutes. Remove contacts, if present and easy to do. Continue rinsing.

If eye irritation persists: Get medical advice/attention

IF SWALLOWED: Immediately call a POISON CONTROL CENTER/doctor

IF ON SKIN: Wash with plenty of soap and water.

If skin irritation occurs: Get medical advice or attention.

Take off contaminated clothing and wash before reuse

IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.

Precautionary Statements - Storage

Store in a well-ventilated place. Keep container tightly closed.

Keep from freezing.

Precautionary Statements - Disposal

Dispose of contents/container in accordance with local/regional/national regulations.

Hazards not otherwise classified (HNOC)

May cause skin irritation.

Other Information

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance

Chemical Name	CAS No.	Weight-%	Trade Secret
Trade Secret	Proprietary	Trade Secret	*
Trade Secret	Proprietary	Trade Secret	*

^{*}The exact percentage (concentration) of composition has been withheld as a trade secret.

4. FIRST AID MEASURES

Description of first aid measures

General advice Move out of the dangerous area. Consult a physician. Provide this Safety Data Sheet to the

doctor in attendance.

Eye contact IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if

present and easy to do. Continue rinsing. If eye irritation persists: Get medical

advice/attention.

Skin contact IF ON SKIN: Wash off with soap and plenty of water. If skin irritation occurs: Get medical

advice or attention.

Inhalation IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for

breathing. If breathing is irregular or stopped, administer artificial respiration. If symptoms

persist, call a physician.

Ingestion IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do NOT

induce vomiting. Never give anything by mouth to an unconscious person.

Most important symptoms and effects, both acute and delayed

Symptoms Eye, Skin, and Respiratory Irritation.

Indication of any immediate medical attention and special treatment needed

Note to physicians Treat symptomatically. For additional information, see Safety Data Sheet.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media

Product is not combustible. Use water spray (fog), alcohol-resistant foam, dry chemical, or carbon dioxide for surrounding fire.

Unsuitable extinguishing media Not Applicable.

Specific hazards arising from the chemical

None Known.

Hazardous combustion products Carbon oxides.

Explosion data

Sensitivity to Mechanical Impact Not available. Sensitivity to Static Discharge Not sensitive.

Protective equipment and precautions for firefighters

Wear self-contained breathing apparatus and protective suit.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions In case of spill wear appropriate personal protective equipment during any cleanup and

response activities. Avoid skin contact and inhalation.

Environmental precautions

Environmental precautions Prevent further leakage or spillage if safe to do so. Do not allow product to enter any drains

or waterways.

Methods and material for containment and cleaning up

Methods for containment Dike and contain spill with inert absorbent materials. Soak up with inert material and

dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

Methods for cleaning up Pick up and transfer to properly labeled containers.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling Avoid contact with skin and eyes. Avoid inhalation of vapor or mist.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep at a temperature not exceeding 38 Degrees C (100 Degrees F). Do not allow material

to freeze. Keep container tightly closed in a dry and well-ventilated place. Containers which

are opened must be carefully resealed and kept upright to prevent leakage.

Incompatible materials None known.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Trade Secret	TWA: 0.005 ppm	-	Ceiling: 0.020 ppm 10 min Ceiling: 0.140 mg/m³ 10 min TWA: 0.005 ppm TWA: 0.035 mg/m³

Appropriate engineering controls

Engineering Controls General/Local Ventilation Recommended.

Individual protection measures, such as personal protective equipment

Eye/face protection Wear safety glasses with side shields (or goggles).

Skin and body protection Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls,

as appropriate, to prevent skin contact. Wear chemical resistant gloves at minimum. Wash

skin immediately upon contact. Wash hands at mealtime and end of shift.

Respiratory protectionUse respiratory protection unless adequate local exhaust ventilation is provided, or

exposure assessment demonstrates that exposures are within recommended exposure guidelines. Where concentrations are above recommended limits or are unknown, appropriate respiratory protection should be worn. Follow OSHA respirator regulations (29)

CFR 1910.134) and use NIOSH/MSHA approved respirators.

General Hygiene Considerations

Handle in accordance with good industrial hygiene and safety practice. Wash hands before

and after breaks and at the end of the work day.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state liquid

Appearance Milky White Liquid Odor Slight

Color white Odor threshold No data available

Property Values Remarks • Method

pH Not Relevant

Melting point / freezing point Not Applicable/ 32° F

Boiling point / boiling range 100 °C

Flash point >100 °C (>212 °F) CC (closed cup)

Evaporation rate Not Available

Flammability (solid, gas) Not Relevant

Flammability Limit in Air

Upper flammability limit: Not Available
Lower flammability limit: Not Available
Vapor pressure Not Available
Vapor density Not Available

Relative density
Water solubility
Soluble in water
Solubility in other solvents
Partition coefficient
Autoignition temperature
Decomposition temperature
Not Available
Not Available
Not Available

Kinematic viscosity

Not Available

Pynamic viscosity

Not Available

Explosive properties Not Available Oxidizing properties Not Available

Other Information

Softening point Not Relevant Molecular weight Not Available

VOC Content (%) < 100 g/L (Mixed A&B)

DensityNot AvailableBulk densityNot Available

10. STABILITY AND REACTIVITY

Reactivity

Not Available

Chemical stability

Stable.

Possibility of Hazardous Reactions

No data available.

Conditions to avoid

None known.

Incompatible materials

None known.

Hazardous Decomposition Products

Carbon oxides.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Inhalation Direct contact and vapor inhalation.

Eye contact Direct contact.

Skin contact Direct contact.

Ingestion Direct contact.

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Trade Secret	-	-	= 18500 mg/m³ (Rat) 1 h
Trade Secret	= 710 mg/kg (Rat)	= 570 μL/kg (Rabbit)	= 0.15 mg/L (Rat) 4 h = 0.29 mg/L (Rat) 1 h

Information on toxicological effects

Symptoms Ingestion may cause nausea, vomiting and diarrhea. Exposure causes mild skin irritation.

Exposure causes eye irritation. Depending on concentration of residual monomers (typically <0.1%), vapors can collect above the liquid in closed containers. These vapors may result

in eye and upper respiratory tract irritation.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation Irritating to skin.
Serious eye damage/eye irritation Irritating to eyes.

Irritation Irritating to eyes, respiratory system and skin.

Sensitization No data available.

Germ cell mutagenicity No data available.

Carcinogenicity This product does not contain any carcinogens or potential carcinogens as listed by OSHA,

IARC or NTP.

Reproductive toxicity
STOT - single exposure
STOT - repeated exposure
Aspiration hazard
Not Available.
Not Available.
Not Available.

<u>Numerical measures of toxicity - Product Information</u>

12. ECOLOGICAL INFORMATION

Ecotoxicity

Chemical Name	Algae/aquatic plants	Fish	Crustacea
Trade Secret	-	26.1: 96 h Brachy danio rerio mg/L	-
		LC50 static	

Persistence and degradability

No data available.

Bioaccumulation

No data available.

Other adverse effects No data available.

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal of wastesThis material, as supplied, is not a hazardous waste according to state and federal

regulations (40 CFR 261).

Contaminated packaging Dispose of in accordance with federal, state and local regulations.

14. TRANSPORT INFORMATION

DOT Not regulated

<u>IATA</u> Not regulated

<u>IMDG</u> Not regulated

15. REGULATORY INFORMATION

International Inventories

TSCA Does not comply
DSL/NDSL Does not comply
EINECS/ELINCS Does not comply
ENCS Does not comply
IECSC Does not comply
KECL Does not comply
PICCS Does not comply

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories

Acute health hazard	Yes
Chronic Health Hazard	Yes
Fire hazard	No
Sudden release of pressure hazard	No
Reactive Hazard	No

CWA (Clean Water Act)

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

CERCLA

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

Chemic	al Name	Hazardous Substances RQs	CERCLA/SARA RQ	Reportable Quantity (RQ)
Trade	Secret	100 lb.	-	RQ 100 lb. final RQ
				RQ 45.4 kg final RQ

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals

U.S. State Right-to-Know Regulations

U.S. EPA Label Information

16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OF THE LAST REVISION

NFPA Health hazards 2 Flammability 1 Instability 0 Physical and Chemical

Properties -

HMIS Health hazards 2 Flammability 1 Physical hazards 0 Personal protection X

Issue Date12-May-2015Revision Date1-August-2019

Revision Note

Disclaimer

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End of Safety Data Sheet