WEATHERSKIN COATINGS

PRODUCT DATA SHEET

WEATHERSKIN: URETHANE

MULTI-SURFACE URETHANE

General Description

Available in a wide variety of colors, Weatherskin's Multi-Surface Urethane is a high build isocyanate cured acrylic urethane for industrial applications requiring excellent weathering, corrosion and chemical resistance. Sufficient film build can be achieved with a single coat application. Typical uses include; railcar exteriors, water-towers, storage tanks, protective flooring or concrete top coating, wash-bay surfaces and structural steel. Clear Multi Surface Urethane creates a fantastic looking, ultra-durable topcoat over metallic epoxy as well.

Mixing and Thinning Instructions

Mix 4 parts WS:Urethane part A (colored/tinted) with 1 part WS:Urethane Part B catalyst. No reduction is necessary. If reducing or thinning is required, please contact your Weatehrskin technical service representative for instructions.

Directions for Use:

Surface must be clean, dry, sound and free of dirt, dust, grease, oils, residues, waxes, water, foreign particles, and any other contaminants that may interfere with coating adhesion and intimate contact with substrate. Substrate preparation may include abrasive blasting, high pressure water/steam cleaning, chemical cleaning and/or other approved method to achieve clean and sound surface, including priming. Contact your Weatherskin representative for recommendations.

WS:Urethane is designed to be applied by airless spray with 0.013-0.017" tips at 3000-5000 psi. During application, the substrate temperature must be 5 degrees above the dew point. Condensation due to substrate temperatures below the dew point can result in flash rusting on prepared steel and negatively impact adhesion to the substrate.

Clean up

Clean all equipment immediately after use with methyl ethyl ketone (MEK), acetone, or other Weatherskin approved solvents. Use clean solvent only. In case of spill, absorb and dispose of in accordance with local, State, and/or Federal regulations.

Weatherskin Corporation®, 4209 Brandon St SE, Calgary, AB T2G 4A5
Email: team@weatherskin.com

WEATHERSKIN COATINGS

TYPICAL MIXED PROPERTIES

COLOR:	VARIOUS
TYPE:	ISOCYANATE CURED ACRYLIC URETHANE
VISCOSITY (77°F):	25-35 SEC (#3 ZAHN)
DRY TIME (77°F):	2 HRS. TOUCH, 6 HRS. HANDLE
WEIGHT/GALLON:	9.1-11.6 LBS./GAL
% SOLIDS (BY VOLUME):	64-68%
% SOLIDS (BY WEIGHT):	74-80%
VOC:	1.7-1.9 LBS./GAL
RECOAT:	MIN. 8 HRS., MAX. 5 DAYS
FLASH POINT:	5°F
POT LIFE:	3 HRS. @ 25°C(77°F)
GLOSS:	95 DEGREES
RECOMMENDED DFT:	4-6 MILS (100-150 UM) PER COAT
MAXIMUM DFT:	10 MILS (250 UM) PER COAT
COVERAGE:	1000-1100 FT2 @ 1.0 MILS
SAG RESISTANCE:	12+ MILS (300 UM)
MIX RATIO:	1:1

Typical properties given do not constitute a supply specification.

Packaging/Storage

Weatherskin: Urethane is available in 1-gallon kits, 5-gallon kits and 55-gallon steel drums. For additional packaging options, please contact your local Weatherskin representative.

Store indoors in original, tightly sealed container out of direct sunlight between 40°F (5°C) and 100°F (38°C), 0% to 90% relative humidity. Warranted shelf life is 1 year from date of manufacture (DOM) in original unopened and properly stored container.

Safety, Health and Environmental Info

Before handling or using this product please refer to the Safety Data Sheet for complete health, safety and environmental information. Dispose of waste in accordance with local, state and federal regulations.

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WEATHERSKIN COATINGS

PERFORMANCE DATA

WEATHERSKIN: URETHANE

MULTI-SURFACE URETHANE

HIGH SOLIDS DIRECT-TO-METAL 1.8 VOC 2K URETHANE

TEST	TEST METHOD	RESULT
Adhesion	ASTM D3359	5A (0% loss)
Pencil Hardness	ASTM D3363	HB-H
Abrasion Resistance	ASTM D4060	1000 cycles, 200 mg loss
Bend - Flexibility	ASTM D522	Passes 1/8 inch Mandrel Bend
Impact	ASTM D2794	160 in/# Direct 160 in/# Reverse
Salt Fog	ASTM B117	1000 hours, 5 mils dft on Blasted Steel-No rusting/blistering
Humidity	ASTM 4585	1000 hours, 5 mils dft on Blasted Steel-No rusting/blistering
QUV - UVA-340	ASTM G154	5000 hours, excellent color & gloss retention

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WEATHERSKIN
COATINGS

Disclaimer

This information is disclosed without warranty, representation, inducement, or license of any kind and is believed to be as accurate according to Weatherskin Corporation's knowledge and other primary sources. Weatherskin Corporation does not assume any legal responsibility for use of reliance on same. Customers are encouraged to conduct their own tests.

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.

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Email: team@weatherskin.com

WEATHERSKIN URETHANE PART A

SAFETY DATA SHEET

1. PRODUCT & COMPANY IDENTIFICATION

Trade name	**Weatherskin Sprayable Liner**
Chemical name	**Sprayable Liner**

1.2 Recommended use of the product and restrictions on use

Product Use	Industrial Urethane Coating
Recommended For	Residential Use

1.3 Details of the supplier of the safety data sheet

North America	Weatehrskin Corporation. 4209 Brandon Street SE, Calgary, AB, Canada, T2G 4A7
Telephone	(877) 693-9224
SDS Issuer	B.Carbol
Website	www.weatherskin.com

1.4 Emergency telephone number

In case of emergency call CANUTEC	(800) 424-9300 - United States (613)992-4624 - Canada

2. HAZARD IDENTIFICATION

2.1 Classification of the product

Flammable Liquid	Category 2
Acute Toxicity Oral	Category 4
Acute Toxicity Dermal	Category 3
Skin Corrosion/Irritation	Category 2
Skin Sensitisation	Category 1
Serious Eye Damage/Eye Irritaion	Category 1
Acute Toxicity Inhalation	Category 3
STOT SE	Category 3 Respiratory
STOT SE	Category 3 Narcotic Effects (Inhalation: Central nervous system)
Carcinogenicity	Category 1A
STOT RE	Category 2 (Oral: Gastrointestinal tract, kidney, immune system, central nervous system)

2.1 GHS Label Elements

Hazard Pictograms

Signal word	Danger
Hazard statement	H 225 - Highly flammable liquid and vapor. H 302 - Harmful if swallowed. H 311 - Toxic in contact with skin. H 315 - Causes skin irritation. H 317 - May cause an allergic skin reaction. H 318 - Causes serious eye damage. H 331 - Toxic if inhalaed. H 335 - May cause respiratory irritation. H 336 - May cause drowsiness or dizziness. H 350 - May cause cancer. H 373 - Causes damage to organs through prolonged or repeated exposure.

Precautionary Statements:	
- Prevention	P 201 - Obtain special handling instructions before use. P 202 - Do not handle until all safety precautions have been understood. P 210 - Keep away from heat/sparks/open flames/hot surfaces - No smoking. P 233 - Keep container tightly closed. P 240 - Ground/bond container and receiving equipment. P 241 - Use explosion-proof electrical/ventilating /lighting equipment. P 242 - Use only non-sparking tools. P 243 - Take precautionary measures against static discharge. P 260 - Do not breathe dust/fume/gas/mist/vapors /spray. P 264 - Wash hands thoroughly after handling. P 270 - Do not eat, drink or smoke when using this product. P 271 - Use only outdoors or in a well ventilated area. P 280 - Wear protective gloves/protective clothing/eye protection/face protection. P 281 - Use personal protective equipment as required.
- Response	P 303 + P 361 + P 353 - IF ON SKIN (or hair): Remove /Take off immediately all contaminated clothing. Rinse skin with water/shower. P 304 + P 340 + P 311 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/ physician. P 305 + P 351 + P 338 + P 310 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/ physician. P 308 + P 313 - If exposed or concerned: Get medical advice/attention. P 314 - Get medical advice/attention if you feel unwell. P 331 - Do NOT induce vomiting. P 333 + P 313 - If skin irritation or rash occurs: Get medical advice/attention.

	P 362 - Take off contaminated clothing and wash before reuse. P 370 + P 378 - In case of fire: Use water spray, carbon dioxide (CO2), dry powder or dry chemical foam for extinction.
- Storage	P 403 + P 233 - Store in a well ventilated place. Keep container tightly closed. P 403 + P 235 - Store in a well ventilated place. Keep cool. P 405 - Store locked up.
- Disposal	P 501 - Dispose of container in accordance with all local, jurisdictional, national and international regulations.

3. COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL NAME	C.A.S.#	PERCENT BY WEIGHT
Titanium dioxide	13463-67-7	30-40
Acetone	67-64-1	5-10
n-Butyl acetate	123-86-4	5-10
Calcium carbonate	1317-65-3	5-10
Crystalline silica	14808-60-7	5-10
Pentane-2,4-dione	123-54-6	1-5
Amorphous silica	67762-90-7	1-5

4. FIRST AID MEASURES

4.1 Description of first aid measures

INGESTION	If appreciable quantities are swallowed, seek immediate medical attention.

SKIN CONTACT	Remove and isolate contaminated clothing and shoes. Remove excess material from skin with clean cloth. Flush skin with running lukewarm water. Wash affected area using mild soap.
EYE CONTACT	Flush the eye and under the lids with warm water for 15 minutes. Remove any contact lenses during the flushing. Get immediate medical attention if symptoms persist.
INHALATION	Move subject to fresh air and keep warm. If subject is not breathing, administer artificial respiration. If breathing is difficult, have qualified personnel administer oxygen and get medical attention.

5. FIRE-FIGHTING MEASURES

Flashpoint	5°F (-15°C)
Flammable/Explosive Limits (Volume % In Air)	Not established
Extinguishing Method	Water spray, dry powder, carbon dioxide (CO2) or dry chemical foam. Do not use a solid water stream as it may scatter and spread fire.
Auto-ignition Temperature	Not established
Advice For Firefighters	Vapors may form explosive mixtures with air. Most vapors are heavier than air. They will spread along the ground and collect in confined or low areas. Vapors may travel to source of ignition and flash back. As in any fire wear a self-contained breathing apparatus and full protective gear. Do not enter a fire area without proper protective equipment.

6. ACCIDENTAL RELEASE MEASURES

Remove all sources of ignition and ventilate area. Avoid skin and eye contact. Use respiratory protection. Absorb with inert materials such as dry clay or sand and place in a closed container for disposal as solid waste in accordance with applicable regulations.

Environmental Precautions:	Do not empty into drains. Do not discharge into drains/surface water/groundwater.

7. HANDLING AND STORAGE

Handling

Keep away from open flames, sources of ignition and hot surfaces. Avoid conditions that could lead to static discharge. Ground all metal parts/containers. Avoid any unnecessary contact. Do not breathe vapors or spray mist. Use protective clothing specified in Section 8.

Storage

Store away from heat and sunlight to prevent polymerization. Keep away from open flames, ignition sources and hot surfaces. Polymerization initiators include peroxides, strong oxidizers, untreated aluminum, copper, copper alloys, carbon steel, iron, rust and strong bases.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Hand Protection:

Use nitrile, butyl, neoprene or other gloves that are resistant to chemicals in section 3. Replace immediately if punctured, torn or when a change of appearance (color, elasticity, shape) occurs. RadTech recommends a minimum of 0.45mm thick, nitrile gloves for a long duration exposure (up to 4 hours on most UV/EB curing acrylates) or mechanical handling activities. Single use, disposable nitrile gloves are recommended by RadTech for short duration exposures not exceeding 30 minutes, in situations where only splashes are likely.

Eye Protection

Use splash-proof safety goggles, safety glasses or face shields that are ANSI approved to prevent ete contact. Eye wash availability is also recommended.

Skin Protection

Protective or disposable outer clothing is recommended. Protective clothing must be cleaned thoroughly after each use.

Respiratory Protection

Use local exhaust to control vapors and mists. Use of a NIOSH approved respirator for organic vapors is recommended, when TLV is exceeded.

9. PHYSICAL AND CHEMICAL PROPERTIES

Viscosity	50-55 sec #3 Zahn
Boiling Point	N/A
Specific Gravity	1.46
Vapor Pressure	N/A
Solubility in Water	Insoluble
VOC	TBD
Appearance	White
Flashpoint	5°F (-15°C)
pH	N/A
Freezing Point	N/A
Density	12.15
VOC Less Water & Exempt	TBD
Evaporating Rate	N/A
Physical State	Liquid
Odor	Ketone

10. STABILITY AND REACTIVITY

Stability	This material is stable under recommended storage and handling conditions. Refer to section 7.
Conditions to avoid	Excessive heat, ignition sources, exposure to sunlight and contamination with dirt and other foreign materials.
Substances to be avoided	Polymerization initiators, including peroxides, strong oxidizing agents, copper, copper alloys, carbon steel, iron, rust and strong bases.
Incompatibility	No data available.
Hazardous decomposition products	Thermal oxidation or pyrolysis (as in fire) may yield carbon dioxide, carbon monoxide and volatile organic fragments which are flammable, irritating or toxic. Under certain conditions (excess temperatures and contamination) hazardous polymerization may occur. Avoid high temperature and contamination with foreign materials.

11. TOXICOLOGICAL INFORMATION

Mixture Toxicity		**Not Determined**
LD50		Not Determined
LC50		Not Determined
Reproductive Toxicity		Not Determined
Teratogenicity		Not Determined
Mutagenicity		Not Determined
Carcinogenicity	IARC? NTP? OSHA?	No

Component Toxicity

Data from available scientific literature on the components of these materials which have been identified as hazardous chemicals under the criteria of the OSHA Hazard Communications Standard (29 CFR 1910.1200) or the Canadian Hazardous Act are discussed below:

Acute Oral Toxicity	Pentane-2,4-dione LD50 (rat): 570 mg/kg; 2-Heptanone LD50: (rat): 1,600 mg/kg
Acute Inhalation Toxicity	Pentane-2,4-dione LC50 (rat, male and female): 5.1 mg/l Exposure time: 4 h; 4-Methylpentan-2-one LC50 Inhalation - rat - 4 h - 8.2 - 16.4 mg/m3
Acute Dermal Toxicity	Pentane-2,4-dione LD50 (rabbit, female): 790 mg/kg
Skin Corrosion/Irritation	Causes skin irritation.
Eye Damage/Eye Irritation	Pentane-2,4-dione: Risk of serious damage to eyes.
Respiratory or Skin Sensitization	May cause irritation of respiratory tract.
Target Organ - Repeat Exposure	Pentane-2,4-dione (Ingestion - Immune system, central nervous system): May cause damage to organs through prolonged or repeated exposure. The substance or mixture is classified as specific target organ toxicant, repeated exposure, category 2.
Target Organ - Single Exposure	Pentane-2,4-dione (Inhalation - Respiratory System): May cause respiratory irritation., The substance or mixture is classified as specific target organ toxicant, single exposure, category 3 with respiratory tract irritation. (Inhalation - Central nervous system): May cause drowsiness or dizziness., The substance or mixture is classified as specific target organ toxicant, single exposure, category 3 with narcotic effects.

12. ECOLOGICAL INFORMATION

GENERAL NOTES: Avoid release to the environment (drains, sewers, soil, etc).

Component Ecotoixicity

Pentane-2,4-dione	96 Hr LC50 (Pimephales promelas (fathead minnow)): 104 mg/l
n-Butyl acetate	96 Hr LC50 (Pimephales promelas (fathead minnow)): 18mg/l

13. DISPOSAL CONSIDERATIONS

Dispose of this product in accordance with local regulations. This includes empty containers with any residual material.

14. TRANSPORTATION INFORMATION

Disclaimer: Any given paint product can be shipped in different size containers, ranging from a pint can to bulk tanks. The shipping regulations in the United States vary depending on container size. The Basic Description given below are for shipments in fully regulated non-bulk containers, where the UN ID number, Proper Shipping Name, (technical names, if any), Packing Groups & Hazard Class (subsidiary risks, if any) are given. This section does not cover packaging exceptions, such as smaller quantities that can be shipped in combination packages i.e. Limited Quantities or Consumer Commodities with or without basic descriptions or shipping papers. Not covered are exceptions given for products that do not sustain combustion and are exempted from regulations under certain modes of transportation. Products containing Reportable Quantities (RQ's) of hazardous substances when shipped in bulk, but not reportable when shipped in non-bulk packaging are not covered either. All subsequent shipping of this product must be done by properly trained and certified employees under the specific competent authority's regulations.

Agency	Proper Shipping Name (Technical Name)	UN Number	Packing Group	Hazard Class
DOT	PAINT	1263	II	3
IATA	PAINT	1263	II	3
IMDG	PAINT	1263	II	3

15. REGULATORY INFORMATION

California Prop 65

WARNING! This product contains the following chemicals which are listed by the state of California as carcinogenic or a reproductive toxin: Crystalline silica & Titanium dioxide.

Clear Air Act - Hazardous Air Pollutants (HAP)

This product does not contains any products listed as Hazardous Air Pollutants.

DSL (Canada)

All components of this product are currently listed on the Canadian Domestic Substance List (DSL) or the Canadian Non-Domestic Substance List (NDSL).

Food and Drug Administration (FDA) Food Packaging Status

This product has not been cleared by the FDA for use in food packaging and/or other applications as an indirect food additive.

SARA Title III Section 302 - Extremely Hazardous Substance (EHS)

This product is not regulated as an EHS.

SARA Title III Section 304 - CERCLA

This product is not regulated for emergency release notification.

SARA Title III Section 311/312 - Hazard Communication Standard (HCS)

Some components of this product are classified under SARA Title III 311/312 as a fire hazard, an immediate (acute) health hazard and a delayed (chronic) health hazard.

SARA Title III Section 313 - Toxic Chemical List (TCL)

The following products are reportable under SARA 313: None.

Toxic Substances Control Act (TSCA) Section 5(e)

This product is not regulated under the Consent Order/Significant New Use Rule.

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

All chemicals in this product are TSCA listed or excluded from listing, on the US EPA TSCA inventory.

Workplace Hazardous Materials Information System (WHMIS)

In compliance with WHMIS inventory requirements for commercial purposes.

16. OTHER INFORMATION

Disclaimer: To the best of our knowledge, the product information contained herein is based upon data believed to be reliable, however makes no warranty and disclaims any liability whatsoever for its accuracy or completeness. Since the actual use of the product is beyond our control, no guarantee expressed or implied, is made by Weatherskin Corporation as to the effects of such uses nor does Weatherskin Corporation assume liability arising out of the use of this product by others. It remains the responsibility of the user to ensure that the use of the product herein is in accordance with all applicable laws and regulations.

WEATHERSKIN URETHANE CATALYST
SAFETY DATA SHEET

1. PRODUCT & COMPANY IDENTIFICATION

Trade name	**Weatherskin Urethane Catalyst**
Chemical name	**Urethane Catalyst**

1.2 Recommended use of the product and restrictions on use

Product Use	Urethane Catalyst
Recommended For	Residential Use

1.3 Details of the supplier of the safety data sheet

North America	Weatehrskin Corporation. 4209 Brandon Street SE, Calgary, AB, Canada, T2G 4A7
Telephone	(877) 693-9224
SDS Issuer	B.Carbol
Website	www.weatherskin.com

1.4 Emergency telephone number

In case of emergency call CANUTEC	(800) 424-9300 - United States (613)992-4624 - Canada

2. HAZARD IDENTIFICATION

2.1 Classification of the product

Flammable Liquid	Category 3
Skin Irritant	Category 2
Skin Sensitisation	Category 1
Eye Irritant	Category 2A
Acute Toxicity Inhalation	Category 4
STOT SE	Category 3 Respiratory
STOT SE	Category Narcotic Effects (Inhalation: Central nervous system)

2.1 GHS Label Elements

Hazard Pictograms

Signal word	Danger
Hazard statement	H 226 - Flammable liquid and vapor. H 315 - Causes skin irritation. H 317 - May cause an allergic skin reaction. H 319 - Causes serious eye irritation. H 332 - Harmful if inhaled. H 335 - May cause respiratory irritation. H 336 - May cause drowsiness or dizziness.
Precautionary Statements	
Prevention	P 210 - Keep away from heat/sparks/open flames/hot surfaces - No smoking. P 233 - Keep container tightly closed. P 240 - Ground/bond container and receiving equipment. P 241 - Use explosion-proof electrical/ventilating /lighting equipment. P 242 - Use only non-sparking tools.

	P 243 - Take precautionary measures against static discharge. P 270 - Do not eat, drink or smoke when using this product. P 271 - Use only outdoors or in a well ventilated area. P 280 - Wear protective gloves/protective clothing /eye protection/face protection.
- Response	P 303 + P 361 + P 353 - IF ON SKIN (or hair): Remove /Take off immediately all contaminated clothing. Rinse skin with water/shower. P 304 + P 340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. P 304 + P 312 - IF INHALED: Call a POISON CENTER or doctor/ physician if you feel unwell. P 305 + P 351 + P 338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. P 332 + P 313 - If skin irritation occurs: Get medical advice/attention. P 337 + P 313 - If eye irritation persists: Get medical advice/attention. P 370 + P 378 - In case of fire: Use water spray, carbon dioxide (CO2), dry powder or dry chemical foam for extinction.
- Storage	P 403 + P 233 - Store in a well ventilated place. Keep container tightly closed. P 403 + P 235 - Store in a well ventilated place. Keep cool. P 405 - Store locked up.
- Disposal	P 501 - Dispose of container in accordance with all local, jurisdictional, national and international regulations.

3. COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL NAME	C.A.S.#	PERCENT BY WEIGHT
Homopolymer of hexamethylene diisocyanate	28182-81-2	55-65
p-Trifluoromethylphenyl chloride	98-56-6	20-30
n-Butyl acetate	132-86-4	10-20

4. FIRST AID MEASURES

4.1 Description of first aid measures

SKIN CONTACT
Remove and isolate contaminated clothing and shoes. Remove excess material from skin with clean cloth. Flush skin with running lukewarm water. Wash affected area using mild soap.

EYE CONTACT
Flush the eye and under the lids with warm water for 15 minutes. Remove any contact lenses during the flushing. Get immediate medical attention if symptoms persist.

INHALATION
Move subject to fresh air and keep warm. If subject is not breathing, administer artificial respiration. If breathing is difficult, have qualified personnel administer oxygen and get medical attention.

INGESTION
If appreciable quantities are swallowed, seek immediate medical attention.

5. FIRE-FIGHTING MEASURES

Flashpoint	109°F (43°C)
Flammable/Explosive Limits (Volume % In Air)	Not established

Extinguishing Method	Water spray, dry powder, carbon dioxide (CO2) or dry chemical foam. Do not use a solid water stream as it may scatter and spread fire.
Auto-ignition Temperature	Not established
Advice For Firefighters	Vapors may form explosive mixtures with air. Most vapors are heavier than air. They will spread along the ground and collect in confined or low areas. Vapors may travel to source of ignition and flash back. As in any fire wear a self-contained breathing apparatus and full protective gear. Do not enter a fire area without proper protective equipment.

6. ACCIDENTAL RELEASE MEASURES

Remove all sources of ignition and ventilate area. Avoid skin and eye contact. Use respiratory protection. Absorb with inert materials such as dry clay or sand and place in a closed container for disposal as solid waste in accordance with applicable regulations.

Environmental Precautions:	Do not empty into drains. Do not discharge into drains/surface water/groundwater.

7. HANDLING AND STORAGE

Handling

Keep away from open flames, sources of ignition and hot surfaces. Avoid conditions that could lead to static discharge. Ground all metal parts/containers. Avoid any unnecessary contact. Do not breathe vapors or spray mist. Use protective clothing specified in Section 8.

Storage

Store away from heat and sunlight to prevent polymerization. Keep away from open flames, ignition sources and hot surfaces. Polymerization initiators include peroxides, strong oxidizers, untreated aluminum, copper, copper alloys, carbon steel, iron, rust and strong bases.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Hand Protection:

Use nitrile, butyl, neoprene or other gloves that are resistant to chemicals in section 3. Replace immediately if punctured, torn or when a change of appearance (color, elasticity, shape) occurs.

Eye Protection

Use splash-proof safety goggles, safety glasses or face shields that are ANSI approved to prevent ete contact. Eye wash availability is also recommended.

Skin Protection

Protective or disposable outer clothing is recommended. Protective clothing must be cleaned thoroughly after each use.

Respiratory Protection

Use local exhaust to control vapors and mists. Use of a NIOSH approved respirator for organic vapors is recommended, when TLV is exceeded.

9. PHYSICAL AND CHEMICAL PROPERTIES

Viscosity	25 sec #2 Zahn
Boiling Point	N/A
Specific Gravity	1.12
Vapor Pressure	N/A
Solubility in Water	Insoluble
VOC	3.17 Lbs/Gal
Appearance	Clear
pH	N/A
Freezing Point	N/A
Density	9.31
VOC Less Water & Exempt	2.21 Lbs/Gal
Evaporating Rate	N/A
Physical State	Liquid
Odor	Naphtha

10. STABILITY AND REACTIVITY

Stability	This material is stable under recommended storage and handling conditions. Refer to section 7.
Conditions to avoid	Excessive heat, ignition sources, exposure to sunlight and contamination with dirt and other foreign materials.
Substances to be avoided	Polymerization initiators, including peroxides, strong oxidizing agents, copper, copper alloys, carbon steel, iron, rust and strong bases.
Incompatibility	No data available.
Hazardous decomposition products	Thermal oxidation or pyrolysis (as in fire) may yield carbon dioxide, carbon monoxide and volatile organic fragments which are flammable, irritating or toxic.
Hazardous polymerization	Under certain conditions (excess temperatures and contamination) hazardous polymerization may occur. Avoid high temperature and contamination with foreign materials.

11. TOXICOLOGICAL INFORMATION

Mixture Toxicity		**Not Determined**
LD50		Not Determined
LC50		Not Determined
Reproductive Toxicity		Not Determined
Teratogenicity		Not Determined
Mutagenicity		Not Determined
Carcinogenicity	IARC?	No
	NTP?	No
	OSHA?	No

Component Toxicity

Data from available scientific literature on the components of these materials which have been identified as hazardous chemicals under the criteria of the OSHA Hazard Communications Standard (29 CFR 1910.1200) or the Canadian Hazardous Act are discussed below:

Acute Oral Toxicity	Not Determined
Acute Inhalation Toxicity	Homopolymer of hexamethylene diisocyanate: LC50: 0.554 mg/l, 4 h, dust/mist (rat)
Acute Dermal Toxicity	Not Determined
Skin Corrosion/Irritation	Not Determined
Eye Damage/Eye Irritation	Not Determined
Respiratory or Skin Sensitization	Homopolymer of hexamethylene diisocyanate: Skin sensitization (local lymph node assay (LLNA)):: positive (Mouse, OECD Test Guideline 429)
Target Organ - Repeat Exposure	Not Determined
Target Organ - Single Exposure	p-Trifluoromethylphenyl chloride: Hazardous by OSHA criteria. Specific Target Organ Toxicity (STOT), Single Exposure Category 3. May cause drowsiness or dizziness. May cause respiratory irritation.

12. ECOLOGICAL INFORMATION

GENERAL NOTES: Avoid release to the environment (drains, sewers, soil, etc).

Component Ecotoixicity

Homopolymer of HDI	96 Hr LC0: > 100 mg/l (Zebra fish (Brachydanio rerio),
n-Butyl acetate	96 Hr LC50 (Pimephales promelas (fathead minnow)): 18 mg/l
p-Trifluoromethylphenyl chloride	96 Hr EC50 Zebra danio (Danio rerio) 3 mg/l

13. DISPOSAL CONSIDERATIONS

Dispose of this product in accourdance with local regulations. This includes empty containers with any residual material.

14. TRANSPORTATION INFORMATION

Disclaimer: Any given paint product can be shipped in different size containers, ranging from a pint can to bulk tanks. The shipping regulations in the United States vary depending on container size . The Basic Description given below are for shipments in fully regulated non-bulk containers, where the UN ID number, Proper Shipping Name, (technical names, if any), Packing Groups & Hazard Class (subsidiary risks, if any) are given. This section does not cover packaging exceptions, such as smaller quantities that can be shipped in combination packages i.e. Limited Quantities or Consumer Commodities with or without basic descriptions or shipping papers. Not covered are exceptions given for products that do not sustain combustion and are exempted from regulations under certain modes of transportation. Products containing Reportable Quantities (RQ's) of hazardous substances when shipped in bulk, but not reportable when shipped in non-bulk packaging are not covered either. All subsequent shipping of this product must be done by properly trained and certified employees under the specific competent authority's regulations.

Agency	Proper Shipping Name (Technical Name)	UN Number	Packing Group	Hazard Class
DOT	PAINT	1263	III	3
IATA	PAINT	1263	III	3
IMDG	PAINT	1263	III	3

15. REGULATORY INFORMATION

California Prop 65

This product does not contain any chemicals which are listed by the state of California as carcinogenic or a reproductive toxin.

Clear Air Act - Hazardous Air Pollutants (HAP)

This product does not contains any products listed as Hazardous Air Pollutants.

DSL (Canada)

All components of this product are currently listed on the Canadian Domestic Substance List (DSL) or the Canadian Non-Domestic Substance List (NDSL).

Food and Drug Administration (FDA) Food Packaging Status

This product has not been cleared by the FDA for use in food packaging and/or other applications as an indirect food additive.

SARA Title III Section 302 - Extremely Hazardous Substance (EHS)

This product is not regulated as an EHS.

SARA Title III Section 304 - CERCLA

This product is not regulated for emergency release notification.

SARA Title III Section 311/312 - Hazard Communication Standard (HCS)

Some components of this product are classified under SARA Title III 311/312 as a fire hazard, an immediate (acute) health hazard and a delayed (chronic) health hazard.

SARA Title III Section 313 - Toxic Chemical List (TCL)

The following products are reportable under SARA 313: None.

Toxic Substances Control Act (TSCA) Section 5(e)

This product is not regulated under the Consent Order/Significant New Use Rule.

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

All chemicals in this product are TSCA listed or excluded from listing, on the US EPA TSCA inventory.

Workplace Hazardous Materials Information System (WHMIS)

In compliance with WHMIS inventory requirements for commercial purposes.

16. OTHER INFORMATION

Disclaimer: To the best of our knowledge, the product information contained herein is based upon data believed to be reliable, however makes no warranty and disclaims any liability whatsoever for its accuracy or completeness. Since the actual use of the product is beyond our control, no guarantee expressed or implied, is made by Weatherskin Corporation as to the effects of such uses nor does Weatherskin Corporation assume liability arising out of the use of this product by others. It remains the responsibility of the user to ensure that the use of the product herein is in accordance with all applicable laws and regulations.