

SAFETY DATA SHEET

Revision date 26-Sep-2019

Version 13

Supersedes Date: 23-Sep-2019

Section 1: PRODUCT AND COMPANY IDENTIFICATION

Product Name	ACRYLIC URETHANE SS - FORD BLU
Product Code	FS-8019.G01
UN/ID no	UN1263
Recommended Use	Paint, Coatings
Details of the supplier of the safety See section 16 for more	data sheet

information

5 STAR XTREME a division of IAMG/International Autobody Marketing Group 1505 N. Hayden Road Suite 111 Scottsdale, AZ 85257 www.5StarXtreme.com 1-87REFINISH 5 STAR XTREME a division of IAMG/International Autobody Marketing Group 1368 United Blvd. Unit 102 Coquitlam, BC V3K 6Y2 www.5StarXtreme.com 1-87REFINISH

E-mail address

No information available

Emergency telephone number

Chemtrec: 800-424-9300

Section 2: HAZARDS IDENTIFICATION

This product has been classified in accordance with the hazard criteria of the Hazardous Products Regulations (HPR) and the SDS contains all the information required by the HPR

Classification

Serious eye damage/eye irritation	Category 2
Skin sensitization	Category 1A
Carcinogenicity	Category 2
Reproductive toxicity	Category 1B
Specific target organ toxicity (single exposure)	Category 3
Flammable liquids	Category 2

Label elements



Signal word

DANGER

HAZARD STATEMENTS

Highly flammable liquid and vapor Causes serious eye irritation May cause an allergic skin reaction Suspected of causing cancer May damage fertility or the unborn child May cause drowsiness or dizziness

PREVENTION

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves/protective clothing/eye protection/face protection. Wash face, hands and any exposed skin thoroughly after handling. Avoid breathing dust/fume/gas/mist/vapors/spray. Contaminated work clothing should not be allowed out of the workplace. Use only outdoors or in a well-ventilated area. P210 - Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Keep container tightly closed. Ground/bond container and receiving equipment. Use explosion-proof electrical/ ventilating/ lighting/ equipment. Use only non-sparking tools. Take precautionary measures against static discharge.

RESPONSE

IF exposed or concerned: Get medical advice/attention.

Eyes

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

If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower.

Inhalation

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

Ingestion

Do NOT induce vomiting. IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

Fire

In case of fire: Use CO2, dry chemical, or foam for extinction.

STORAGE

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

DISPOSAL

Dispose of contents/containers in accordance with local regulations.

OTHER HAZARDS

Not applicable.

UNKNOWN ACUTE TOXICITY

0% of the mixture consists of ingredient(s) of unknown toxicity.

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	weight-%
Methyl acetate	79-20-9	10 - 30 *
Methyl n-amyl ketone	110-43-0	7 - 13 *
n-Butyl acetate	123-86-4	5 - 10 *
Methyl propyl ketone	107-87-9	3 - 7 *

Benzene, 1-chloro-4-(trifluoromethyl)-	98-56-6	3 - 7 *
Titanium dioxide	13463-67-7	1 - 5 *
Solvent naphtha, petroleum, light aromatic	64742-95-6	0.5 - 1.5 *
Zirconium ethyl hexoate	22464-99-9	0.5 - 1.5 *
Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate	41556-26-7	0.1 - 1 *
Decanedioic acid, 1-methyl	82919-37-7	0.1 - 1 *
10-(1,2,2,6,6-pentamethyl-4-piperidinyl) ester		
Carbon black	1333-86-4	0.1 - 1 *
Ethylbenzene	100-41-4	0.1 - 1 *
2-Butanone, oxime	96-29-7	0.1 - 1 *
Hexanoic acid, 2-ethyl-, cobalt(2+) salt (2:1)	136-52-7	0.1 - 1 *

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

Section 4: FIRST AID MEASURES

First Aid Measures

General advice

IF exposed or concerned: Get medical advice/attention

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

Wash contaminated clothing before reuse IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower If skin irritation or rash occurs: Get medical advice/attention

Inhalation

IF INHALED: Remove person to fresh air and keep comfortable for breathing

Ingestion

Do NOT induce vomiting IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell

Most important symptoms and effects, both acute and delayed

Symptoms No information available.

Indication of any immediate medical attention and special treatment needed

Note to physicians Treat symptomatically.

Section 5: FIRE FIGHTING MEASURES

Flammable properties	Flammable liquid.
flash point	9 °F / -13 °C
Upper flammability limit:	No information available
Lower flammability limit:	No information available
Autoignition temperature	No information available
Explosion data Sensitivity to Mechanical Impact Sensitivity to Static Discharge	No information available. No information available.

Suitable extinguishing media

Dry chemical, CO2, water spray or alcohol-resistant foam.

Not to be used for safety reasons: Strong water jet

Hazardous combustion products Carbon monoxide. Carbon dioxide (CO2).

Specific hazards arising from the chemical

Burning produces heavy smoke. Fire may produce irritating and/or toxic gases. In the event of fire and/or explosion do not breathe fumes. May cause sensitization by skin contact.

Special protective equipment for fire-fighters

Wear self-contained breathing apparatus and protective suit. Cool containers with flooding quantities of water until well after fire is out. Do not allow run-off from fire-fighting to enter drains or water courses.

Section 6: ACCIDENTAL RELEASE MEASURES

Personal precautions

Avoid breathing vapors or mists. Remove all sources of ignition. Use personal protective equipment as required. Avoid contact with skin, eyes or clothing. Keep people away from and upwind of spill/leak. Evacuate personnel to safe areas. Take precautionary measures against static discharges.

Environmental precautions

Do not allow into any sewer, on the ground or into any body of water. If the product contaminates lakes, rivers or sewage, inform appropriate authorities in accordance with local regulations. Prevent further leakage or spillage if safe to do so. Local authorities should be advised if significant spillages cannot be contained.

Methods for containment

Prevent further leakage or spillage if safe to do so.

Methods for cleaning up

Dispose of waste product or used containers according to local regulations. Clean with detergents. Avoid solvent cleaners. Dam up. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Pick up and transfer to properly labeled containers. Clean contaminated surface thoroughly. Take up mechanically, placing in appropriate containers for disposal.

Section 7: HANDLING AND STORAGE

Advice on safe handling

Prevent the creation of flammable or explosive concentrations of vapor in air and avoid vapor concentration higher than the occupational exposure limits. Operators should wear anti-static footwear and clothing and floors should be of the conducting type. Use personal protection recommended in Section 8. Never use pressure to empty container. Comply with the health and safety at work laws. Prevent product from entering drains. Vapors are heavier than air and may spread along floors. Vapors may form explosive mixtures with air. Use only with adequate ventilation. Do not breathe dust/fume/gas/mist/vapors/spray. Use only in well-ventilated areas. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Take precautionary measures against static discharges. Use spark-proof tools and explosion-proof equipment. All equipment used when handling the product must be grounded.

General Hygiene Considerations

When using do not eat, drink or smoke. Wash contaminated clothing before reuse. Avoid contact with skin, eyes or clothing.

Storage Conditions

Keep/store only in original container. Store in accordance with local regulations. Keep unauthorized personnel away. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Keep container tightly closed in a dry and well-ventilated place. Keep tightly closed in a dry and cool place.

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Exposure Limits

If S* appears in the OEL table, it indicates this chemical contains a skin notation.

Chemical Name	ACGIH TLV	Alberta	British Columbia	Ontario TWA	Quebec	OSHA PEL
Methyl acetate	STEL: 250 ppm	TWA: 200 ppm	TWA: 200 ppm	TWA: 200 ppm	TWA: 200 ppm	TWA: 200 ppm
79-20-9	TWA: 200 ppm	TWA: 606 mg/m ³	STEL: 250 ppm	STEL: 250 ppm	TWA: 606 mg/m ³	TWA: 610 mg/m ³

		STEL: 250 ppm			STEL: 250 ppm	
		STEL: 757 mg/m ³			STEL: 757 mg/m ³	
Methyl n-amyl ketone	TWA: 50 ppm	TWA: 50 ppm	TWA: 50 ppm	TWA: 25 ppm	TWA: 50 ppm	TWA: 100 ppm
110-43-0		TWA: 233 mg/m ³		TWA: 115 mg/m ³	TWA: 233 mg/m ³	TWA: 465 mg/m ³
n-Butyl acetate	STEL: 150 ppm	TWA: 150 ppm	TWA: 20 ppm	TWA: 150 ppm	TWA: 150 ppm	TWA: 150 ppm
123-86-4	TWA: 50 ppm	TWA: 713 mg/m ³		STEL: 200 ppm	TWA: 713 mg/m ³	TWA: 710 mg/m ³
		STEL: 200 ppm			STEL: 200 ppm	-
		STEL: 950 mg/m ³			STEL: 950 mg/m ³	
Methyl propyl ketone	STEL: 150 ppm	TWA: 200 ppm	TWA: 150 ppm	STEL: 150 ppm	TWA: 150 ppm	TWA: 200 ppm
107-87-9		TWA: 705 mg/m ³	STEL: 250 ppm		TWA: 530 mg/m ³	TWA: 700 mg/m ³
		STEL: 250 ppm				
		STEL: 881 mg/m ³				
Benzene,	TWA: 2.5 mg/m ³ F	TWA: 2.5 mg/m ³	TWA: 2.5 mg/m ³	TWA: 2.5 mg/m ³	TWA: 2.5 mg/m ³	TWA: 2.5 mg/m ³ F
1-chloro-4-(trifluoromethyl)-						
98-56-6						
Titanium dioxide	TWA: 10 mg/m ³	TWA: 10 mg/m ³	TWA: 10 mg/m ³	TWA: 10 mg/m ³	TWA: 10 mg/m ³	TWA: 15 mg/m ³
13463-67-7			TWA: 3 mg/m ³			total dust
Zirconium ethyl hexoate	STEL: 10 mg/m ³ Zr		TWA: 5 mg/m ³	TWA: 5 mg/m ³	TWA: 5 mg/m ³	TWA: 5 mg/m ³ Zr
22464-99-9	TWA: 5 mg/m ³ Zr	STEL: 10 mg/m ³	STEL: 10 mg/m ³	STEL: 10 mg/m ³	STEL: 10 mg/m ³	
Carbon black	TWA: 3 mg/m ³	TWA: 3.5 mg/m ³	TWA: 3 mg/m ³	TWA: 3 mg/m ³	TWA: 3.5 mg/m ³	TWA: 3.5 mg/m ³
1333-86-4	inhalable					
	particulate matter					
Ethylbenzene	TWA: 20 ppm	TWA: 100 ppm	TWA: 20 ppm	TWA: 20 ppm	TWA: 100 ppm	TWA: 100 ppm
100-41-4		TWA: 434 mg/m ³			TWA: 434 mg/m ³	TWA: 435 mg/m ³
		STEL: 125 ppm			STEL: 125 ppm	
		STEL: 543 mg/m ³			STEL: 543 mg/m ³	

Engineering Controls

Ensure adequate ventilation, especially in confined areas. Provide local exhaust ventilation. In case of insufficient ventilation, wear suitable respiratory equipment.

Personal Protective Equipment

Eye/face protection

Tight sealing safety goggles.

Hand Protection

There is no one glove material or combination of materials that will give unlimited resistance to any individual or combination of chemicals. Ensure that the breakthrough time of the glove material is not exceeded. Refer to glove supplier for information on breakthrough time for specific gloves. The instructions and information provided by the glove manufacturer on use, storage, maintenance and replacement must be followed. Gloves should be replaced regularly and if there is any sign of damage to the glove material. Always ensure that gloves are free from defects and that they are stored and used correctly. The performance or effectiveness of the glove may be reduced by physical / chemical damage and poor maintenance. Wear protective gloves.

Skin and body protection

Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact. Wear suitable protective clothing. Personnel should wear anti-static clothing made of natural fiber or of high temperature resistant synthetic fiber.

Respiratory protection

When workers are facing concentrations above the exposure limit they must use appropriate certified respirators

Thermal Protection

No information available

Environmental exposure controls

Do not allow into any sewer, on the ground or into any body of water. Local authorities should be advised if significant spillages cannot be contained.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state	liquid
Appearance	No information available
Odor	Solvent
Color	blue
Odor Threshold	No information available
pH value	No information available
Melting point/freezing point	No information available
Boiling point / boiling range	57 °C / 135 °F

flash point evaporation rate Flammability (solid, gas)	-13 °C / 9 °F No information available No information available
Flammability Limit in Air Upper flammability limit:	No information available
Lower flammability limit:	No information available
Vapor Pressure vapor density	No information available No information available
Density (lbs per US gallon)	8.42
specific gravity	1.01
Solubility(ies) Partition coefficient	No information available No information available
Autoignition temperature	No information available
Decomposition temperature	No information available
Kinematic viscosity	No information available
Dynamic viscosity	No information available

Other information

	Section 10: STABILITY AND REACTIVITY			
Stability	Stable under normal conditions.			
Incompatible materials	Strong bases. Strong oxidizing agents. Amines.			
Conditions to avoid	Heat, flames and sparks.			
Hazardous Decomposition Products Carbon monoxide. Carbon dioxide (CO2). Hydrocarbons. Chlorine gas.				
Possibility of Hazardous Reactions	None under normal processing.			
Hazardous polymerization	None under normal processing.			

Section 11: TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Eye contact Causes serious eye irritation Skin Contact May cause an allergic skin reaction Ingestion Not applicable Inhalation May cause drowsiness or dizziness

Numerical measures of toxicity - Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Methyl acetate 79-20-9	> 5 g/kg (Rat)	>5 g/kg (Rabbit)	= 16000 ppm (Rat)4 h
Methyl n-amyl ketone 110-43-0	= 1600 mg/kg (Rat) = 1670 mg/kg (Rat)	= 12600 µL/kg (Rabbit)= 12.6 mL/kg (Rabbit)	2000 - 4000 ppm (Rat)6 h
n-Butyl acetate 123-86-4	= 10768 mg/kg(Rat)	> 17600 mg/kg (Rabbit)	= 390 ppm (Rat)4 h
Methyl propyl ketone 107-87-9	= 1600 mg/kg (Rat)	= 6500 mg/kg (Rabbit)= 6480 mg/kg (Rat)	2000 - 4000 ppm (Rat)4 h
Benzene, 1-chloro-4-(trifluoromethyl)- 98-56-6	= 13 g/kg (Rat)	> 2 mL/kg (Rabbit)	= 33 mg/L (Rat)4 h
Titanium dioxide 13463-67-7	> 10000 mg/kg (Rat)	-	-
Solvent naphtha, petroleum, light aromatic	= 8400 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	= 3400 ppm (Rat)4 h

64742-95-6			
Zirconium ethyl hexoate 22464-99-9	-	-	-
Bis(1,2,2,6,6-pentamethyl-4-piperidy l) sebacate 41556-26-7	= 2615 mg/kg (Rat)	-	-
Decanedioic acid, 1-methyl 10-(1,2,2,6,6-pentamethyl-4-piperidi nyl) ester 82919-37-7	-	-	-
Carbon black 1333-86-4	> 15400 mg/kg (Rat)	> 3 g/kg (Rabbit)	-
Ethylbenzene 100-41-4	= 3500 mg/kg (Rat)	= 15400 mg/kg (Rabbit)	= 17.4 mg/L (Rat)4 h
2-Butanone, oxime 96-29-7	= 930 mg/kg (Rat)	1000 - 1800 mg/kg (Rabbit)	> 4800 mg/m³(Rat)4 h
Hexanoic acid, 2-ethyl-, cobalt(2+) salt (2:1) 136-52-7	-	> 5000 mg/kg (Rabbit)	> 10 mg/L (Rat)1 h

Numerical measures of toxicity - Product Information

The following values are calculated based on chapter 3.1 of the GHS document .

ATEmix (oral)	3276 Mg/kg
ATEmix (inhalation-dust/mist)	14.6 mg/l
ATEmix (inhalation-vapor)	107 mg/l

UNKNOWN ACUTE TOXICITY 0% of the mixture consists of ingredient(s) of unknown toxicity.

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

Carcinogenicity

According to IARC, Volume 93, no significant exposure to primary particles of titanium dioxide is thought to occur from use in paints since the pigment is bound to other materials. According to IARC, Volume 93, no significant exposure to primary particles of carbon black is thought to occur from use in paints since the pigment is bound to other materials.

Chemical Name	ACGIH	IARC	NTP	OSHA
Titanium dioxide 13463-67-7		Group 2B		X
Carbon black 1333-86-4	A3	Group 2B		X
Ethylbenzene 100-41-4	A3	Group 2B		X
Hexanoic acid, 2-ethyl-, cobalt(2+) salt (2:1) 136-52-7		Group 2B		X

ACGIH (American Conference of Governmental Industrial Hygienists) A3 - Animal Carcinogen.

IARC (International Agency for Research on Cancer)

Group 2B - Possibly Carcinogenic to Humans.

OSHA (Occupational Safety and Health Administration of the US Department of Labor)

X - Present.

Skin corrosion/irritation Not applicable Serious eye damage/eye irritation Causes serious eye irritation Skin sensitization May cause an allergic skin reaction Respiratory sensitization Not applicable Germ cell mutagenicity Not applicable Carcinogenicity Suspected of causing cancer Reproductive Toxicity May damage fertility or the unborn child Specific target organ toxicity (single exposure) May cause drowsiness or dizziness Specific target organ toxicity (repeated exposure) Not applicable Aspiration hazard Not applicable

Section 12: ECOLOGICAL INFORMATION

Ecotoxicity Environmental precautions	Prevent produ	uct from entering drains.			
Persistence and degradability No information available	L				
<u>Bioaccumulation</u> No information available					
<u>Mobility</u> No information available					
Other adverse effects	No informatio	n available			
	Section 13:	DISPOSAL CONSIDERA	TIONS		
Waste from residues/unused products	Disposal shour regulations	Disposal should be in accordance with applicable regional, national and local laws and regulations			
Contaminated packaging	Improper disp	Improper disposal or reuse of this container may be dangerous and illegal.			
Section 14: TRANSPORT INFORMATION					
UN/ID no Proper shipping name	TDG UN1263 Paint	IMDG UN1263 Paint	IATA UN1263 Paint		
Hazard Class Packing Group Environmental hazard Special Provisions	3 II	3 II 163, 367 EmS-No	3 II A3, A72, A192		
Transport in bulk according to A	nnex II of MARPOL 73/	F-E, S-E 78 and the IBC Code	No information available		
)); Consumer Commodity (49 CFR 173.150(c), IMDG Chapter 3.4); Viscous Liquid (49 CFR		

I ne supplier may apply one of the following exceptions: Combustible Liquid (49 CFR 173.150(t)); Consumer Commodity (49 CFR 173.150(c), ICAO/IATA SP A112); Limited Quantity (49 CFR 173.150(b), ICAO Part 3 Chapter 4, IATA 2.7, IMDG Chapter 3.4); Viscous Liquid (49 CFR 173.121(b), IMDG 2.3.2.2, IATA 3.3.3.1.1, ICAO 3.2.2, ADR 2.2.3.1.5); Does Not Sustain Combustion (49 CFR 173.120(a), IATA 3.3.1.3, ICAO 3.1.3, IMDG 2.3.1.3, ADR 2.2.3.1.1 Note 1); or others as allowed under hazardous materials/dangerous goods regulations.

Section 15: REGULATORY INFORMATION					
TSCA - United States Toxic Substances Control Act Section					
DSL - Canadian Domestic Substances List	Not all components are listed or exempt from listing				
Chemical Name	Canada - NPRI (National Pollutant Release Inventory)				
Methyl acetate	Part 4 Substance (as set out in Section 65 of the List of Toxic Substances in Schedule 1 of the Canadian Environmental Protection Act, 1999)				
Methyl n-amyl ketone	Part 4 Substance (as set out in Section 65 of the List of Toxic Substances in Schedule 1 of the Canadian Environmental Protection Act, 1999)				
n-Butyl acetate	Part 5, Individual Substances				
Methyl propyl ketone	Part 4 Substance (as set out in Section 65 of the List of Toxic Substances in Schedule 1 of the Canadian Environmental Protection Act, 1999)				
Benzene, 1-chloro-4-(trifluoromethyl)-	Part 4 Substance (as set out in Section 65 of the List of Toxic Substances in Schedule 1 of the Canadian Environmental Protection Act, 1999)				
Solvent naphtha, petroleum, light aromatic	Part 5, Other Groups and Mixtures				
Ethylbenzene	Part 1, Group A Substance				
Hexanoic acid, 2-ethyl-, cobalt(2+) salt (2:1)	Part 1, Group B Substance (total of the pure element and the equivalent				

Section 16: OTHER INFORMATION

HMIS	
Health hazards	2'
* = Chronic Health Hazard	
Flammability	3
Physical hazards	0
Personal Protection	Х

Prepared By Regulatory Department Revision date 26-Sep-2019 **Revision Note** No information available

Disclaimer The information on this Safety Data Sheet (SDS) is based on the present state of our knowledge, current national

legislation and guidelines. As the specific conditions of use of the product are outside the supplier's knowledge and control the user is responsible for ensuring that the requirements of relevant legislation are complied with. This SDS should not be construed as any guarantee of the technical performance or suitability for particular applications. UNLESS SUPPLIER AGREES OTHERWISE IN WRITING, SUPPLIER MAKES NO WARRANTIES, EXPRESS OR IMPLIED, AND DISCLAIMS ALL IMPLIED WARRANTIES INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR FREEDOM FROM PATENT INFRINGEMENT. SUPPLIER WILL NOT BE LIABLE FOR ANY SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES.

End of Safety Data Sheet