



Section 1 – Company and Substance Identification

Product Name: Topcoat 311

Formula: Proprietary

Spectra Chrome, LLC
13130 56th Court Suite 611
Clearwater, FL 33760
United States of America

24-Hour Emergency Response Information
CHEMTREC DOMESTIC 800-424-9300
CHEMTREC INTERNATIONAL 703-527-3887
Product Information 800-230-6358

Section 2 – Hazard Identification

Classification:

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

Label elements including precautionary statements:



Signal Word

DANGER

HAZARD STATEMENTS

- Flammable liquid and vapor
- Causes skin irritation
- Causes serious eye irritation
- May cause an allergic skin reaction
- May damage fertility or the unborn child
- May cause respiratory irritation

PREVENTION

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. 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. Wear protective gloves/protective clothing/eye protection/face protection.

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.

HAZARDS NOT OTHERWISE CLASSIFIED (HNOC)

Not applicable.

Section 3 – Composition / Information on Ingredients

Chemical Name	CAS No	weight-%
Benzene, 1-chloro-4-(trifluoromethyl)-	98-56-6	50 - 70
1-Methyl-2-pyrrolidone	872-50-4	1- 3
Proprietary additive	Proprietary	0.3 - 1
Proprietary additive	Proprietary	0.1 - 0.3
Proprietary additive	Proprietary	0.1 - 0.3

Section 4 – First Aid Measures

First Aid Measures:

EYE CONTACT:

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 skin irritation or rash occurs: Get medical advice/attention. Remove immediately all contaminated clothing. Rinse skin with water. Wash contaminated clothing before reuse.

INHALATION:

Remove person to fresh air and keep comfortable for breathing. Call a poison control center or doctor/physician.

INGESTION:

Do NOT induce vomiting. Call a poison control center or doctor/physician.

After first aid, seek proper medical attention.



Section 5 – Firefighting Measures

Suitable Extinguishing Media: Water spray, dry chemical and carbon dioxide foam

Hazards:

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.

Firefighting Instructions:

Use water spray to cool fire-exposed surfaces and to protect personnel. Shut off the fuel to the fire. If a leak or a spill has not ignited, use water spray to disperse the vapors.

Either allow the fire to burn under controlled conditions, or extinguish with foam or dry chemical. Cover liquid spills with foam.

Further Information:

Fire may produce toxic thermal decomposition products. Wear a self-contained breathing device with a full face piece using pressure demand or positive-pressure mode.

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 Cleanup:

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**HANDLING PRECAUTIONS**General 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:

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

STORAGE CONDITIONS**Safe Storage:**

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.

Incompatible Materials:

None known

Section 8 – Exposure Controls / Personal ProtectionEXPOSURE LIMITS

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Benzene, 1-chloro-4-(trifluoromethyl)- 98-56-6	TWA: 2.5 mg/m ³ F	TWA: 2.5 mg/m ³ F TWA: 2.5 mg/m ³ dust	-

ENGINEERING CONTROLS

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



PROTECTION MEASURES

Eye/Face Protection:

Tight sealing safety goggles

Skin and Body Protection:

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

Hand Protection:

Wear protective neoprene gloves.

Respiratory Protection:

In case of inadequate ventilation wear respiratory protection.

Section 9 – Physical and Chemical Properties

Physical State	Liquid
Appearance	No information available
Odor	Solvent
Color	Clear
Odor Threshold	No information available
pH Value	No information available
Melting / Freeze Point	No information available
Boiling Point / Range	No information available
Flash Point	27 °C / 81 °F
Evaporation Rate	No information available
Flammability (solid, gas)	No information available
Flammability Limit in Air:	
Upper Flammability Limit	No information available
Lower Flammability Limit	No information available
Vapor Pressure	No information available
Vapor Density	No information available
Density (lbs per US gallon)	10.39
Specific Gravity	1.25
Solubility(ies)	No information available
Partition Coefficient	No information available
Auto-ignition Temperature	No information available
Decomposition Temperature	No information available
Kinematic Viscosity	No information available
Dynamic Viscosity	No information available



Section 10 – Stability and Reactivity

Reactivity:

No information available.

Chemical Stability:

Stable under normal conditions.

Possibility of Hazardous Reactions:

None under normal processing.

Hazardous Polymerization:

None under normal processing.

Conditions to Avoid:

Heat, flames, and sparks.

Incompatible Materials:

Strong oxidizing agents.

Hazardous Decomposition Products:

Carbon monoxide, carbon dioxide (CO₂), Chlorine.

Section 11 – Toxicological Information

EXPOSURE INFORMATION

Eye Contact	Causes serious eye irritation
Skin Contact	Causes skin irritation; may cause an allergic skin reaction
Ingestion	Not applicable
Inhalation	May cause respiratory irritation

NUMERICAL MEASURES OF TOXICITY – COMPONENT INFORMATION

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Benzene, 1-chloro-4-(trifluoromethyl)- 98-56-6	= 13 g/kg (Rat)	> 2 mL/kg (Rabbit)	= 33 mg/L (Rat) 4 h
1-Methyl-2-pyrrolidone 872-50-4	= 3914 mg/kg (Rat)	= 8 g/kg (Rabbit)	= 3.1 mg/L (Rat) 4 h
Proprietary additive	-	-	-
Proprietary additive	-	-	-
Proprietary additive	= 2615 mg/kg (Rat)	-	-



NUMERICAL MEASURES OF TOXICITY – PRODUCT INFORMATION

Unknown Acute Toxicity:

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

EFFECTS OF SHORT AND LONG-TERM EXPOSURE

Skin Corrosion/Irritation	Causes skin irritation
Serious Eye Damage/Irritation	Causes serious eye irritation
Skin Sensitization	May cause an allergic skin reaction
Respiratory Sensitization	Not applicable
Germ Cell Mutagenicity	Not applicable
Carcinogenicity	Not applicable
Reproductive Toxicity	May damage fertility or the unborn child
Specific Target Organ Toxicity:	
Single Exposure	May cause respiratory irritation
Repeated Exposure	Not applicable
Aspiration Hazard	Not applicable

Section 12 – Ecological Information

Eco-toxicity:

Environmental precautions Prevent product from entering drains.

Persistence and Degradability:

No information available

Other Adverse Effects:

No information available

Section 13 – Disposal Considerations

WASTE TREATMENT METHODS

Disposal of Wastes:

Disposal should be in accordance with applicable regional, national, and local laws and regulations.

Contaminated Packaging:

Improper disposal or reuse of this container may be dangerous and illegal. Empty containers must be scrapped or reconditioned.



Section 14 – Transport Information

	<u>DOT</u>	<u>IMDG</u>	<u>IATA</u>
UN/ID Number	UN1263	UN1263	UN1263
Proper Shipping Name	Paint	Paint	Paint
Hazard Class	3	3	3
Packing Group	III	III	III
Environmental Hazard	N/A	-	-
Special Provisions	B1, B52, IB3, T2, TP1, TP29, 367	163, 223, 367, 955	A3, A72, A192
	Emergency Response Guide Number 128	EmS-No F-E, S-E	

Transport in bulk according to Annex II of MARPOL 73/38 and the IBC Code No information available

Section 15 – Regulatory Information

INTERNATIONAL INVENTORIES

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

All components are listed or exempt from listing

DSL – Canada Domestic Substances List

Not all components are listed or exempt from listing

US FEDERAL REGULATIONS

Chemical Name	TSCA - Toxic Substances Control Act, Section 12(b) Export Notification
Benzene, 1-chloro-4-(trifluoromethyl)- 98-56-6	Section 4

Chemical Name	SARA 313 - Threshold Values %	Hazardous air pollutants (HAPs) content
1-Methyl-2-pyrrolidone 872-50-4 1-3	1	

SARA 311/312 HAZARD CATEGORIES

Acute Health Hazard	Yes
Chronic Health Hazard	Yes
Fire Hazard	Yes



SAFETY DATA SHEET

Topcoat 311

Revised 11/30/2015

Sudden Release of Pressure Hazard No
Reactive Hazard No

US STATE REGULATIONS

Rule 66 Status of Product

Not photochemically reactive

California Proposition 65

WARNING! This product contains a chemical known in the State of California to cause cancer, birth defects, or other reproductive harm.

U.S. State Right-to-Know Regulations

Chemical Name
Benzene, 1-chloro-4-(trifluoromethyl)- 98-56-6
Proprietary Non-Hazardous Ingredient – Proprietary CAS
1-Methyl-2-pyrrolidone 872-50-4

Section 16 – Other Information

HMIS

Health Hazards 2*

* = Chronic Health Hazard

Flammability 3

Physical Hazards 0

Personal Protection X

SUPPLIER ADDRESS

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800.230.6358

Revision Date November 30th, 2015

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. Products are intended for professional use only by applicators with proper knowledge and training.

End of Safety Data Sheet