Revision Number: 006.1

Issue date: 08/22/2025

1. IDENTIFICATION

Product name: LOCTITE SF F720 BL known as Color Guard® Blue

IDH number: 338127

Product type/ Recommended use: Coating

Item number: 34982

Restriction of Use: None identified

Region: Canada

Company address:
Henkel Canada Corporation
Meadowpine Boulevard 2515
Mississauga, Ontario L5N 6C3

Contact information:
Telephone: +1 (905) 814-6511
MEDICAL EMERGENCY Phone: Poison Control Center
1-877-671-4608 (toll free) or 1-303-592-1711
TRANSPORT EMERGENCY Phone: CHEMTREC
1-800-424-9300 (toll free) or 1-703-527-3887
MEDICAL EMERGENCY Phone: Poison Control Center
1-877-671-4608 (toll free) or 1-303-592-1711
TRANSPORT EMERGENCY Phone: CHEMTREC
1-800-424-9300 (toll free) or 1-703-527-3887
Internet: www.henkelna.com

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

DANGER:

H225 - HIGHLY FLAMMABLE LIQUID AND VAPOUR.
H304 - MAY BE FATAL IF SWALLOWED AND ENTERS AIRWAYS.
H315 - CAUSES SKIN IRRITATION.
H319 - CAUSES SERIOUS EYE IRRITATION.
H336 - MAY CAUSE DROWSINESS OR DIZZINESS.
H351 - SUSPECTED OF CAUSING CANCER.
H361 - SUSPECTED OF DAMAGING FERTILITY OR THE UNBORN CHILD.
H373 - MAY CAUSE DAMAGE TO ORGANS THROUGH PROLONGED OR REPEATED EXPOSURE.

HAZARD CLASS	HAZARD CATEGORY
FLAMMABLE LIQUID	2
SKIN IRRITATION	2
EYE IRRITATION	2A
CARCINOGENICITY	2
REPRODUCTIVE TOXICITY	2
SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE	3
SPECIFIC TARGET ORGAN TOXICITY - REPEATED EXPOSURE	2
ASPIRATION HAZARD	1

PICTOGRAM(S)

Precautionary Statements

Prevention:	P201 - Obtain special instructions before use. P202 - Do not handle until all safety precautions have been read and understood. P210 - Keep away from heat, sparks, open flames, hot surfaces - no smoking. P233 - Keep container tightly closed. P240 - Ground and bond container and receiving equipment. P241 - Use explosion-proof equipment. P242 - Use non-sparking tools. P243 - Take action to prevent static discharges. P260 - Do not breathe vapors, mist, or spray. P264 - Wash affected area thoroughly after handling. P271 - Use only outdoors or in a well-ventilated area. P280 - Wear protective gloves, clothing, eye and face protection.
Response:	P301+P310 - IF SWALLOWED: Immediately call a physician or poison control center. P303+P361+P353 - If on skin (or hair): Take off immediately all contaminated clothing. P304+P340+P312 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or physician if you feel unwell. P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P308+P313 - IF exposed or concerned: Get medical attention. P331 - Do NOT induce vomiting. P332+P313 - If skin irritation occurs: Get medical attention. P337+P313 - If eye irritation persists: Get medical attention. P362+P364 - Take off contaminated clothing and wash it before reuse. P370+P378 - In case of fire: Use foam, dry chemical or carbon dioxide to extinguish.
Storage:	P403+P233 - Store in a well-ventilated place. Keep container tightly closed. P403+P235 - Store in a well-ventilated place. Keep cool. P405 - Store locked up.
Disposal:	P501 - Dispose of contents and/or container according to Federal, State/Provincial and local governmental regulations.

Other hazards Not available.

Classification complies with Canadian Hazardous Products Regulations and is consistent with the provision of the United Nations Globally Harmonized System of Classification and Labeling of Chemicals (GHS).

See Section 11 for additional toxicological information.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous Component(s)	CAS Number	Weight %*
Distillates (petroleum), light distillate hydrotreating process, low-boiling	68410-97-9	10 - 30
Solvent naphtha (petroleum), light aliph., <0.1% benzene	64742-89-8	10 - 30
Naphtha (petroleum), hydrotreated light	64742-49-0	10 - 30
Xylenes	1330-20-7	10 - 30
n-Hexane	110-54-3	10 - 30
acetone	67-64-1	10 - 30
Ethylbenzene	100-41-4	5 - 10
Octane	111-65-9	1 - 5
n-Heptane	142-82-5	1 - 5
Titanium dioxide	13463-67-7	1 - 5
Cumene	98-82-8	1 - 5

* Exact percentages may vary or are trade secret. Concentration range is provided to assist users in providing appropriate protections.

4. FIRST AID MEASURES

First Aid Measures by likely routes of exposure

Inhalation:	Move to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. If symptoms develop and persist, get medical attention.
Skin contact:	Remove contaminated clothing and footwear. Immediately flush skin with plenty of water (using soap, if available). Wash clothing before reuse. If symptoms develop and persist, get medical attention.
Eye contact:	Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.
Ingestion:	Do not induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention.
Most important symptoms and effects (acute and delayed):	The most important known symptoms and effects, both acute and delayed, are described in Section 11: Toxicological Information.
Indication of any immediate medical attention / special treatment needed:	Not available.

5. FIRE FIGHTING MEASURES

Extinguishing media:	Foam, dry chemical or carbon dioxide.
Improper extinguishing agents:	Not available.
Special firefighting procedures:	Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear.
Unusual fire or explosion hazards:	Vapours may accumulate in low or confined areas, travel considerable distance to source of ignition, and flash back.
Hazardous combustion products:	Oxides of carbon. Toxic and irritating vapors.

6. ACCIDENTAL RELEASE MEASURES

Use personal protection recommended in Section 8, isolate the hazard area and deny entry to unnecessary and unprotected personnel.

Environmental precautions:	Do not allow product to enter sewer or waterways.
Clean-up methods:	Remove all sources of ignition. Ensure adequate ventilation. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Store in a closed container until ready for disposal.

7. HANDLING AND STORAGE

Handling:	Avoid contact with eyes, skin and clothing. Avoid breathing vapors or mists of this product. Keep away from heat, spark and flame.
Storage:	For safe storage, store at or below 48 °C (118.4 °F) Keep in a cool, well ventilated area away from heat, sparks and open flame. Keep container tightly closed until ready for use.

For information on product shelf life, please review labels on container or check the Technical Data Sheet.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Employers should complete an assessment of all workplaces to determine the need for, and selection of, proper exposure controls and protective equipment for each task performed.

Hazardous Component(s)	ACGIH TLV	OSHA PEL	AIHA WEEL	OTHER
Distillates (petroleum), light distillate hydrotreating process, low-boiling	5 mg/m3 TWA Inhalable fraction.	5 mg/m3 PEL Mist.	None	None
Solvent naphtha (petroleum), light aliph., <0.1% benzene	(SKIN) 100 ppm TWA	100 ppm (400 mg/m3) PEL	None	None
Naphtha (petroleum), hydrotreated light	100 ppm TWA (SKIN)	100 ppm (400 mg/m3) PEL	None	None
Xylenes	20 ppm TWA	100 ppm (435 mg/m3) PEL	None	None
n-Hexane	50 ppm TWA (SKIN)	500 ppm (1,800 mg/m3) PEL	None	None
acetone	250 ppm TWA 500 ppm STEL	1,000 ppm (2,400 mg/m3) PEL	None	None
Ethylbenzene	20 ppm TWA	100 ppm (435 mg/m3) PEL	None	None
Octane	300 ppm TWA	500 ppm (2,350 mg/m3) PEL	None	None
n-Heptane	200 ppm TWA 400 ppm STEL	500 ppm (2,000 mg/m3) PEL	None	None
Titanium dioxide	0.2 mg/m3 TWA Respirable nanoscale particles 2.5 mg/m3 TWA Respirable finescale particles	15 mg/m3 PEL Total dust. 15 MPPCF TWA Respirable fraction. 15 mg/m3 TWA Total dust. 50 MPPCF TWA Total dust. 5 mg/m3 TWA Respirable fraction.	None	None
Cumene	5 ppm TWA	50 ppm (245 mg/m3) PEL (SKIN)	None	None

Engineering controls: Use local ventilation if general ventilation is insufficient to maintain vapor concentration below established exposure limits.

Respiratory protection: Use NIOSH approved respirator if there is potential to exceed exposure limit(s).

Eye/face protection: Safety goggles or safety glasses with side shields.

Skin protection: Chemical resistant, impermeable gloves.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Liquid
Color: Blue
Odor: Hydrocarbons
Odor threshold: Not available.
pH: Not available.
Vapor pressure: 185 mm hg (20 °C (68°F))
Boiling point/range: 56 - 141 °C (132.8 - 285.8 °F)
Melting point/ range: Not available.
Density/Relative density: 0.79 - 0.83
Relative vapor density: > 1 Heavier than air
Flash point: -23 °C (-9.4 °F)
Flammable/Explosive limits - lower: 0.9 %
Flammable/Explosive limits - upper: 12.8 %
Autoignition temperature: Not available.

Flammability:	Not applicable
Evaporation rate:	Greater than butyl acetate.
Solubility:	Insoluble Water
Partition coefficient n-octanol/water (logarithmic value):	Not available.
VOC content:	70.01 %; 559.27 g/l EPA Method 24
Dynamic viscosity:	Not available.
Kinematic viscosity:	Not available.
Particle characteristics:	Not available.
Decomposition temperature:	Not available.

10. STABILITY AND REACTIVITY

Stability:	Stable under normal conditions of storage and use.
Hazardous reactions:	Will not occur.
Hazardous decomposition products:	Oxides of carbon. Irritating organic vapours.
Incompatible materials:	Strong acids and strong bases. Strong oxidizing agents. Amines. Alkali metals. Halogenated compounds.
Reactivity:	Not available.
Conditions to avoid:	Heat, flames, sparks and other sources of ignition. Store away from incompatible materials.

11. TOXICOLOGICAL INFORMATION

Likely routes of exposure:	Skin, Inhalation, Eyes, Ingestion

Potential Health Effects/Symptoms

Inhalation:	Vapors may cause headaches, nausea, dizziness and respiratory tract irritation. Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage. Prolonged exposure to solvents may cause adverse effects to the liver, urinary, and reproductive systems.
Skin contact:	Causes skin irritation.
Eye contact:	Causes serious eye irritation.
Ingestion:	Not expected under normal conditions of use. Principal hazard of ingestion is aspiration into the lungs and subsequent pneumonitis.

Hazardous Component(s)	**LD50s and LC50s**
Distillates (petroleum), light distillate hydrotreating process, low-boiling	Inhalation LC50 (Rat, 4 h) = > 4,970 mg/m3 Inhalation LC50 (Rat, 4 h) = > 7,970 mg/m3 Inhalation LC50 (Rat, 4 h) = > 5,050 mg/m3 Inhalation LC50 (Rat, 4 h) = > 5,220 mg/m3 Inhalation LC50 (Rat, 4 h) = > 5 mg/l Inhalation LC50 (Rat, 4 h) = > 4.96 mg/l Inhalation LC50 (Rat, 4 h) = > 5,000 mg/m3 Inhalation LC50 (Rat, 4 h) = > 5,740 mg/m3 Inhalation LC50 (Rat, 4 h) = > 4,980 mg/m3 Inhalation LC50 (Rat, 4 h) = > 5,170 mg/m3 Inhalation LC50 (Rat, 4 h) = > 5.1 mg/l Inhalation LC50 (Rat, 4 h) = > 5,250 mg/m3 Inhalation LC50 (Rat, 4 h) = > 5,080 mg/m3 Inhalation LC50 (Rat, 4 h) = > 5,280 mg/m3 Inhalation LC50 (Rat, 4 h) = > 5,020 mg/m3 Inhalation LC50 (Rat, 4 h) = > 5,040 mg/m3 Inhalation LC50 (Rat, 4 h) = > 4,420 mg/m3 Inhalation LC50 (Rat, 4 h) = > 8,530 mg/m3 Inhalation LC50 (Rat, 4 h) = > 5,240 mg/m3 Inhalation LC50 (Rat, 4 h) = > 5,100 mg/m3 Inhalation LC50 (Rat, 4 h) = > 5,000 mg/m3 Inhalation LC50 (Rat, 4 h) = > 5,300 mg/m3 Inhalation LC50 (Rat, 4 h) = > 7,300 mg/m3 Inhalation LC50 (Rat, 4 h) = > 5.36 mg/l Inhalation LC50 (Rat, 4 h) = > 7,630 mg/m3 Inhalation LC50 (Rat, 4 h) = > 5,610 mg/m3 Inhalation LC50 (Rat, 4 h) = > 5,470 mg/m3 Inhalation LC50 (Rat, 4 h) = > 5,300 mg/m3 Inhalation LC50 (Rat, 4 h) = > 5.07 mg/l Inhalation LC50 (Rat, 4 h) = > 5,260 mg/m3 Inhalation LC50 (Rat, 4 h) = > 5,000 mg/m3 Inhalation LC50 (Rat, 4 h) = >= 5,060 mg/m3 Inhalation LC50 (Rat, 4 h) = > 5,830 mg/m3 Inhalation LC50 (Rat, 4 h) = > 5,160 mg/m3 Inhalation LC50 (Rat, 4 h) = > 5,200 mg/m3
Solvent naphtha (petroleum), light aliph., <0.1% benzene	None

Naphtha (petroleum), hydrotreated light	Inhalation LC50 (Rat, 4 h) = 13700 ppm Inhalation LC50 (Rat, 4 h) = > 5,100 mg/m3 Inhalation LC50 (Rat, 4 h) = > 5,280 mg/m3 Inhalation LC50 (Rat, 4 h) = > 5,000 mg/m3 Inhalation LC50 (Rat, 4 h) = > 5,830 mg/m3 Inhalation LC50 (Rat, 4 h) = 30 mg/l Inhalation LC50 (Rat, 4 h) = > 5,080 mg/m3 Inhalation LC50 (Rat, 4 h) = > 5,160 mg/m3 Inhalation LC50 (Rat, 4 h) = > 4,970 mg/m3 Inhalation LC50 (Rat, 4 h) = > 5,170 mg/m3 Inhalation LC50 (Rat, 4 h) = > 4,420 mg/m3 Inhalation LC50 (Rat, 4 h) = > 5,050 mg/m3 Inhalation LC50 (Rat, 4 h) = > 5,020 mg/m3 Inhalation LC50 (Rat, 4 h) = > 5,220 mg/m3 Inhalation LC50 (Rat, 4 h) = > 5,000 mg/m3 Inhalation LC50 (Rat, 4 h) = > 5,200 mg/m3 Inhalation LC50 (Rat, 4 h) = > 5,240 mg/m3 Inhalation LC50 (Rat, 4 h) = > 7,970 mg/m3 Inhalation LC50 (Rat, 4 h) = 43,767 mg/m3 Inhalation LC50 (Rat, 4 h) = > 8,530 mg/m3 Inhalation LC50 (Rat, 4 h) = > 5,260 mg/m3 Inhalation LC50 (Rat, 4 h) = > 7,300 mg/m3 Inhalation LC50 (Rat, 4 h) = > 5,300 mg/m3 Inhalation LC50 (Rat, 4 h) = > 5.07 mg/l Inhalation LC50 (Rat, 4 h) = > 5.36 mg/l Inhalation LC50 (Rat, 4 h) = > 5,300 mg/m3 Inhalation LC50 (Rat, 4 h) = > 5,470 mg/m3 Inhalation LC50 (Rat, 4 h) = > 5,610 mg/m3 Inhalation LC50 (Rat, 4 h) = > 7,630 mg/m3 Inhalation LC50 (Rat, 4 h) = > 5,000 mg/m3 Inhalation LC50 (Rat, 4 h) = > 4,980 mg/m3 Inhalation LC50 (Rat, 4 h) = 25.7 mg/l Inhalation LC50 (Rat, 4 h) = 28.1 mg/l Inhalation LC50 (Rat, 4 h) = > 5,740 mg/m3 Inhalation LC50 (Rat, 4 h) = > 5 mg/l Inhalation LC50 (Rat, 4 h) = > 5,040 mg/m3 Inhalation LC50 (Rat, 4 h) = >= 5,060 mg/m3 Inhalation LC50 (Rat, 4 h) = > 5,250 mg/m3 Inhalation LC50 (Rat, 4 h) = > 5.1 mg/l Inhalation LC50 (Rat, 4 h) = > 4.96 mg/l
Xylenes	Oral LD50 (Rat) = 6,670 mg/kg Oral LD50 (Rat) = 3,523 - 8,600 mg/kg Oral LD50 (Rat) = 4,300 mg/kg Dermal LD50 (Rabbit) = > 43 g/kg Inhalation LC50 (Rat, 4 h) = 6580 ppm Inhalation LC50 (Rat, 4 h) = 6247 ppm Inhalation LC50 (Rat, 4 h) = 5922 ppm Inhalation LC50 (Rat, 4 h) = 6700 ppm Inhalation LC50 (Rat, 4 h) = 6350 ppm
n-Hexane	Oral LD50 (Rat) = 28,710 mg/kg
acetone	Oral LD50 (Mouse) = 5.2 g/kg Oral LD50 (Mouse) = 3,000 mg/kg Oral LD50 (Rabbit) = 5,340 mg/kg Oral LD50 (Rat) = 5,800 mg/kg Oral LD50 (Rat) = 9,800 mg/kg Dermal LD50 (Rabbit) = 20,000 mg/kg Inhalation LC50 (Rat, 4 h) = 76 mg/l Inhalation LC50 (Rat, 4 h) = 50.1 mg/l
Ethylbenzene	Oral LD50 (Rat) = 5.46 g/kg Oral LD50 (Rat) = 3,500 mg/kg Dermal LD50 (Rabbit) = 17,800 mg/kg Inhalation LC50 (Rat, 4 h) = 4000 ppm
Octane	Inhalation LC50 (Rat, 4 h) = > 24.88 mg/l
n-Heptane	Inhalation LC50 (Rat, 4 h) = > 73.5 mg/l Inhalation LC50 (Rat, 4 h) = > 29.29 mg/l

Titanium dioxide	Inhalation LC50 (Rat, 4 h) = > 6.82 mg/l Inhalation LC50 (Rat, 4 h) = > 2.28 mg/l Inhalation LC50 (Rat, 4 h) = > 3.56 mg/l
Cumene	Oral LD50 (Rat) = 2.91 g/kg Oral LD50 (Rat) = 1,400 mg/kg

Hazardous Component(s)	Immediate Health Effects	Delayed Health Effects	Chronic Health Effects
Distillates (petroleum), light distillate hydrotreating process, low-boiling			
Solvent naphtha (petroleum), light aliph., <0.1% benzene	Irritant		
Naphtha (petroleum), hydrotreated light	Irritant		Central nervous system Kidney Lung
Xylenes	Irritant		Cardiac Central nervous system Kidney Liver
n-Hexane	Irritant		Developmental Lung Nervous System Reproductive
acetone	Irritant		Central nervous system
Ethylbenzene	Irritant		Central nervous system
Octane	Irritant		Central nervous system Lung
n-Heptane	Irritant		Central nervous system
Titanium dioxide	Irritant		Respiratory Some evidence of carcinogenicity
Cumene	Irritant		Central nervous system Lung

Hazardous Component(s)	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen (Specifically Regulated)
Distillates (petroleum), light distillate hydrotreating process, low-boiling	No	No	No
Solvent naphtha (petroleum), light aliph., <0.1% benzene	No	No	No
Naphtha (petroleum), hydrotreated light	No	No	No
Xylenes	No	No	No
n-Hexane	No	No	No
acetone	No	No	No
Ethylbenzene	No	Group 2B	No
Octane	No	No	No
n-Heptane	No	No	No
Titanium dioxide	No	Group 2B	No
Cumene	Reasonably Anticipated to be a Human Carcinogen.	Group 2B	No

12. ECOLOGICAL INFORMATION

Ecological information: Not available.

13. DISPOSAL CONSIDERATIONS

Information provided is for unused product only.

Recommended method of disposal: Follow all local, state, federal and provincial regulations for disposal.

14. TRANSPORT INFORMATION

The transport information provided in this section only applies to the material/formulation itself, and is not specific to any packaging.

Canada Transportation of Dangerous Goods - Ground

Proper shipping name:	COATING SOLUTION
Hazard class or division:	3
Identification number:	UN 1139
Packing group:	II

International Air Transportation (ICAO/IATA)

Proper shipping name:	Coating solution
Hazard class or division:	3
Identification number:	UN 1139
Packing group:	II

Water Transportation (IMO/IMDG)

Proper shipping name:	COATING SOLUTION (n-Heptane, Octane)
Hazard class or division:	3
Identification number:	UN 1139
Packing group:	II
Marine pollutant:	n-Heptane, Octane

15. REGULATORY INFORMATION

Canada Regulatory Information

CEPA DSL/NDSL Status: All components are listed on or are exempt from listing on the Canadian Domestic Substances List.

United States Regulatory Information

TSCA 8 (b) Inventory Status: All components are listed as active or are exempt from listing on the Toxic Substances Control Act (TSCA) inventory.

16. OTHER INFORMATION

This safety data sheet contains changes from the previous version in sections: 9

Prepared by: Product Safety and Regulatory Affairs

Issue date: 08/22/2025

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