

# SAFETY DATA SHEET



**NO-TOX LIQUID INK      FGN-6978      NT04 RED~200**

Colorcon requests that the users of this product study this Material Safety Data Sheet (MSDS) and become aware of product hazards and safety information. To promote safe use of this product, a user should notify its employees, contractors and agents of the information in this MSDS and any product hazards and safety information.

## Section 1. Identification

**Product name** : NO-TOX LIQUID INK

**Product code** : FGN-6978

### Use of the substance/mixture

Manufacture of pharmaceutical products and/or Manufacture of food products

**Company** : Colorcon, No-Tox Products Division  
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## Section 2. Hazards identification

**Classification of the substance or mixture** :  FLAMMABLE LIQUIDS - Category 2  
EYE IRRITATION - Category 2A

Percentage of the mixture consisting of ingredient(s) of unknown toxicity: 24.1%

### GHS label elements

#### Hazard pictograms



**Signal word** : Danger

**Hazard statements** : Highly flammable liquid and vapor.  
Causes serious eye irritation.

### Precautionary statements

**General** : Read label before use. Keep out of reach of children. If medical advice is needed, have product container or label at hand.

**Prevention** :  Wear protective gloves. Wear eye or face protection. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Use explosion-proof electrical, ventilating, lighting and all material-handling equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Keep container tightly closed. Wash hands thoroughly after handling.

**Response** : IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. 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 attention.

**Storage** : Store in a well-ventilated place. Keep cool.

**Disposal** : Dispose of contents and container in accordance with all local, regional, national and international regulations.

**Hazards not otherwise classified** : None known.

See Section 11 for more detailed information on health effects and symptoms.

## Section 3. Composition/information on ingredients

**Substance/mixture** : Mixture

Ingredient name	%	CAS number
<input checked="" type="checkbox"/> ISOPROPYL ALCOHOL	30 - 50	67-63-0
ETHANOL	5 - 10	64-17-5
PROPYLENE GLYCOL MONOMETHYL ETHER	5 - 10	107-98-2
ETHYL ACETATE	5 - 10	141-78-6
ISOPROPANOL	1 - 5	67-63-0
CARBON BLACK	0 - 1	1333-86-4

Any concentration shown as a range is to protect confidentiality.

### Section 3. Composition/information on ingredients

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

### Section 4. First aid measures

#### Description of necessary first aid measures

- Eye contact** : Affected individual should remove contact lens, if present. Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical attention if irritation occurs.
- Inhalation** : Move exposed person to fresh air. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. Get medical attention if symptoms occur.
- Skin contact** : In case of contact, immediately flush skin with plenty of water while removing contaminated clothing and shoes. Get medical attention if irritation develops.
- Ingestion** : Wash out mouth with water. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

#### Potential acute health effects

- Eye contact** : Causes serious eye irritation.
- Inhalation** :  No known significant effects or critical hazards.
- Skin contact** : No known significant effects or critical hazards.
- Ingestion** :  No known significant effects or critical hazards.

See toxicological information (Section 11)

### Section 5. Fire-fighting measures

- Flammability of the product** : Highly flammable.
- Products of combustion** : No specific data.
- Explosion hazard** : Explosive in the presence of the following materials or conditions: open flames, sparks and static discharge and heat.
- Fire-fighting media and instructions** : Use an extinguishing agent suitable for the surrounding fire.
- Special protective equipment for fire-fighters** : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

### Section 6. Accidental release measures

- Personal precautions** : Keep unnecessary personnel away. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Use suitable protective equipment (section 8).
- Environmental precautions** : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
- Methods for cleaning up** : Small spill : Absorb with an inert material and place in an appropriate waste disposal container.  
Large spill : Use appropriate containment to avoid environmental contamination. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Contaminated absorbent material may pose the same hazard as the spilled product. Use a non-sparking or explosion proof means to transfer material to a sealed, appropriate container for disposal.

### Section 7. Handling and storage

- Handling** : Do not ingest. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Keep container closed. Use only with adequate ventilation. Do not reuse container.
- Storage** : Keep container tightly closed. Store in a dry, cool and well-ventilated area. Store away from incompatible materials (see Section 10). Store in accordance with local regulations.

## Section 8. Exposure controls/personal protection

### [Control parameters](#)

#### [Occupational exposure limits](#)

Ingredient name	Exposure limits
ISOPROPYL ALCOHOL	<p><b>ACGIH TLV (United States, 3/2016).</b> TWA: 200 ppm 8 hours. STEL: 400 ppm 15 minutes.</p> <p><b>OSHA PEL 1989 (United States, 3/1989).</b> TWA: 400 ppm 8 hours. TWA: 980 mg/m<sup>3</sup> 8 hours. STEL: 500 ppm 15 minutes. STEL: 1225 mg/m<sup>3</sup> 15 minutes.</p> <p><b>NIOSH REL (United States, 10/2013).</b> TWA: 400 ppm 10 hours. TWA: 980 mg/m<sup>3</sup> 10 hours. STEL: 500 ppm 15 minutes. STEL: 1225 mg/m<sup>3</sup> 15 minutes.</p> <p><b>OSHA PEL (United States, 6/2016).</b> TWA: 400 ppm 8 hours. TWA: 980 mg/m<sup>3</sup> 8 hours.</p>
ETHANOL	<p><b>ACGIH TLV (United States, 3/2017).</b> STEL: 1000 ppm 15 minutes.</p> <p><b>NIOSH REL (United States, 10/2016).</b> TWA: 1900 mg/m<sup>3</sup> 10 hours. TWA: 1000 ppm 10 hours.</p> <p><b>OSHA PEL (United States, 6/2016).</b> TWA: 1900 mg/m<sup>3</sup> 8 hours. TWA: 1000 ppm 8 hours.</p> <p><b>OSHA PEL 1989 (United States, 3/1989).</b> TWA: 1900 mg/m<sup>3</sup> 8 hours. TWA: 1000 ppm 8 hours.</p>
PROPYLENE GLYCOL MONOMETHYL ETHER	<p><b>ACGIH TLV (United States, 3/2017).</b> STEL: 369 mg/m<sup>3</sup> 15 minutes. STEL: 100 ppm 15 minutes. TWA: 184 mg/m<sup>3</sup> 8 hours. TWA: 50 ppm 8 hours.</p> <p><b>NIOSH REL (United States, 10/2016).</b> STEL: 540 mg/m<sup>3</sup> 15 minutes. STEL: 150 ppm 15 minutes. TWA: 360 mg/m<sup>3</sup> 10 hours. TWA: 100 ppm 10 hours.</p> <p><b>OSHA PEL 1989 (United States, 3/1989).</b> STEL: 540 mg/m<sup>3</sup> 15 minutes. STEL: 150 ppm 15 minutes. TWA: 360 mg/m<sup>3</sup> 8 hours. TWA: 100 ppm 8 hours.</p>
ETHYL ACETATE	<p><b>ACGIH TLV (United States, 3/2017).</b> TWA: 1440 mg/m<sup>3</sup> 8 hours. TWA: 400 ppm 8 hours.</p> <p><b>NIOSH REL (United States, 10/2016).</b> TWA: 1400 mg/m<sup>3</sup> 10 hours. TWA: 400 ppm 10 hours.</p> <p><b>OSHA PEL (United States, 6/2016).</b> TWA: 1400 mg/m<sup>3</sup> 8 hours. TWA: 400 ppm 8 hours.</p> <p><b>OSHA PEL 1989 (United States, 3/1989).</b> TWA: 1400 mg/m<sup>3</sup> 8 hours. TWA: 400 ppm 8 hours.</p>
ISOPROPANOL	<p><b>ACGIH TLV (United States, 3/2016).</b> STEL: 400 ppm 15 minutes. TWA: 200 ppm 8 hours.</p> <p><b>NIOSH REL (United States, 10/2013).</b> STEL: 1225 mg/m<sup>3</sup> 15 minutes. STEL: 500 ppm 15 minutes. TWA: 980 mg/m<sup>3</sup> 10 hours. TWA: 400 ppm 10 hours.</p> <p><b>OSHA PEL (United States, 2/2013).</b> TWA: 980 mg/m<sup>3</sup> 8 hours.</p>

## Section 8. Exposure controls/personal protection

CARBON BLACK

TWA: 400 ppm 8 hours.  
**OSHA PEL 1989 (United States, 3/1989).**  
 STEL: 1225 mg/m<sup>3</sup> 15 minutes.  
 STEL: 500 ppm 15 minutes.  
 TWA: 980 mg/m<sup>3</sup> 8 hours.  
 TWA: 400 ppm 8 hours.  
**ACGIH TLV (United States, 3/2016).**  
 TWA: 3 mg/m<sup>3</sup> 8 hours. Form: Inhalable fraction  
**NIOSH REL (United States, 10/2013).**  
 TWA: 3.5 mg/m<sup>3</sup> 10 hours.  
 TWA: 0.1 mg of PAHs/cm<sup>3</sup> 10 hours.  
**OSHA PEL (United States, 2/2013).**  
 TWA: 3.5 mg/m<sup>3</sup> 8 hours.  
**OSHA PEL 1989 (United States, 3/1989).**  
 TWA: 3.5 mg/m<sup>3</sup> 8 hours.

- Appropriate engineering controls** : Good general ventilation should be sufficient to control worker exposure to airborne contaminants.
- Environmental exposure controls** : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.
- Individual protection measures**
- Hygiene measures** : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.
- Eye/face protection** : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.
- Skin protection**
- Hand protection** : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.
- Body protection** : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
- Other skin protection** : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
- Respiratory protection** : Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

## Section 9. Physical and chemical properties

Values provided should not be construed as specifications. See product specification for additional information.

- Physical state** : Liquid.
- Appearance** : Red Liquid
- Flash point** : Closed cup: 16°C (60.8°F)
- Boiling point** : Lowest known value: 77.1°C (170.8°F) (ethyl acetate). Weighted average: 85.3°C (185.5°F)
- Odor** : Not available.
- Odor threshold** : Not available.
- pH** : Not available.
- Melting point/freezing point** : May start to solidify at the following temperature: -83.97°C (-119.1°F) This is based on data for the following ingredient: ethyl acetate. Weighted average: -93.28°C (-135.9°F)

## Section 9. Physical and chemical properties

- Evaporation rate** : Highest known value: 4.94 (ethyl acetate) Weighted average: 1.99 compared with butyl acetate
- Flammability (solid, gas)** : Highly flammable.
- Upper/lower flammability or explosive limits** : Greatest known range: Lower: 3.3% Upper: 19% (ethanol)
- Vapor pressure** : Highest known value: 10.9 kPa (81.6 mm Hg) (at 20°C) (ethyl acetate). Weighted average: 5.02 kPa (37.65 mm Hg) (at 20°C)
- Vapor density** : Highest known value: 3.11 (Air = 1) (1-methoxy-2-propanol). Weighted average: 2.23 (Air = 1)
- Relative density** : Weighted average: 0.89 (Water = 1)
- Solubility(ies)** : Not available.
- Partition coefficient: n-octanol/water** : Not available.
- Auto-ignition temperature** : Lowest known value: 270°C (518°F) (1-methoxy-2-propanol).
- Decomposition temperature** : Not available.
- Viscosity** : Dynamic: Highest known value: 1.7 cP (1-methoxy-2-propanol) Weighted average: 0.84 cP
- Explosive properties** : Explosive in the presence of the following materials or conditions: open flames, sparks and static discharge and heat.
- Oxidizing properties** : Not available.

## Section 10. Stability and reactivity

- Reactivity** : Explosive in the presence of the following materials or conditions: open flames, sparks and static discharge and heat.
- Chemical stability** : The product is stable.
- Possibility of hazardous reactions** : Under normal conditions of storage and use, hazardous reactions will not occur.
- Conditions to avoid** : Avoid all possible sources of ignition (spark or flame). Do not pressurize, cut, weld, braze, solder, drill, grind or expose containers to heat or sources of ignition.
- Incompatible materials** : Reactive or incompatible with the following materials: oxidizing materials
- Hazardous decomposition products** : Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## Section 11. Toxicological information

Ingredient name	CAS #	Result	Species	Dose	Exposure
ISOPROPYL ALCOHOL	67-63-0	LD50 Dermal	Rabbit	12800 mg/kg	-
		LD50 Oral	Rat	5000 mg/kg	-
ETHANOL	64-17-5	LC50 Inhalation Vapor	Rat	124700 mg/m <sup>3</sup>	4 hours
		LD50 Oral	Rat	7 g/kg	-
PROPYLENE GLYCOL MONOMETHYL ETHER	107-98-2	LD50 Dermal	Rabbit	13 g/kg	-
		LD50 Oral	Rat	6600 mg/kg	-
ETHYL ACETATE	141-78-6	LD50 Oral	Rat	5620 mg/kg	-
ISOPROPANOL	67-63-0	LD50 Dermal	Rabbit	12800 mg/kg	-
		LD50 Oral	Rat	5000 mg/kg	-
CARBON BLACK	1333-86-4	LD50 Oral	Rat	>15400 mg/kg	-

### Chronic effects

Ingredient name	ACGIH	IARC	EPA	NIOSH	NTP	OSHA
ISOPROPYL ALCOHOL	A4	3	-	-	-	-
ETHANOL	A3	1	-	-	-	-
PROPYLENE GLYCOL MONOMETHYL ETHER	A4	-	-	-	-	-
ISOPROPANOL	A4	3	-	-	-	-

**Additional information :**

## Section 11. Toxicological information

Not available.

### Other toxic effects on humans

No known significant effects or critical hazards. Avoid prolonged contact with eyes, skin and clothing.

### Specific effects on humans

**Mutagenicity / Teratogenicity / Reproductive toxicity** : No known significant effects or critical hazards.

### Numerical measures of toxicity

#### Acute toxicity estimates

Route	ATE value
Oral	10182.6 mg/kg

**Information on the likely routes of exposure** : Routes of entry anticipated: Oral, Dermal, Inhalation.

### Potential acute health effects

- Eye contact** : Causes serious eye irritation.  
**Inhalation** :  No known significant effects or critical hazards.  
**Skin contact** : No known significant effects or critical hazards.  
**Ingestion** :  No known significant effects or critical hazards.

### Symptoms related to the physical, chemical and toxicological characteristics

- Eye contact** : Adverse symptoms may include the following:  
 pain or irritation  
 watering  
 redness
- Inhalation** : No specific data.  
**Skin contact** : No specific data.  
**Ingestion** : No specific data.

## Section 12. Ecological information

### Toxicity

Product/ingredient name	Result	Species	Exposure
ISOPROPYL ALCOHOL	Acute EC50 929 mg/l Fresh water	Daphnia - Daphnia magna	48 hours
	Acute LC50 1400000 to 1950000 µg/l Marine water	Crustaceans - Crangon crangon	48 hours
ETHANOL	Acute LC50 4200 mg/l Fresh water	Fish - Rasbora heteromorpha	96 hours
	Acute EC50 17.921 mg/l Marine water	Algae - Ulva pertusa	96 hours
	Acute EC50 2000 µg/l Fresh water	Daphnia - Daphnia magna	48 hours
	Acute LC50 25500 µg/l Marine water	Crustaceans - Artemia franciscana - Larvae	48 hours
	Acute LC50 42000 µg/l Fresh water	Fish - Oncorhynchus mykiss	4 days
	Chronic NOEC 4.995 mg/l Marine water	Algae - Ulva pertusa	96 hours
ETHYL ACETATE	Chronic NOEC 100 µl/L Fresh water	Daphnia - Daphnia magna - Neonate	21 days
	Chronic NOEC 0.375 µl/L Fresh water	Fish - Gambusia holbrooki - Larvae	12 weeks
	Acute EC50 2500000 µg/l Fresh water	Algae - Selenastrum sp.	96 hours
	Acute LC50 750000 µg/l Fresh water	Crustaceans - Gammarus pulex	48 hours
	Acute LC50 154000 µg/l Fresh water	Daphnia - Daphnia cucullata	48 hours
	Acute LC50 212500 to 225420 µg/l Fresh water	Fish - Heteropneustes fossilis	96 hours
ISOPROPANOL	Chronic NOEC 2400 µg/l Fresh water	Daphnia - Daphnia magna	21 days
	Chronic NOEC 75.6 mg/l Fresh water	Fish - Pimephales promelas - Embryo	32 days
	Acute EC50 929 mg/l Fresh water	Daphnia - Daphnia magna	48 hours
CARBON BLACK	Acute LC50 1400000 to 1950000 µg/l Marine water	Crustaceans - Crangon crangon	48 hours
	Acute LC50 4200 mg/l Fresh water	Fish - Rasbora heteromorpha	96 hours
	Acute EC50 37.563 mg/l Fresh water	Daphnia - Daphnia magna - Neonate	48 hours

### Bioaccumulative potential

## Section 12. Ecological information





Product/ingredient name	LogP <sub>ow</sub>	BCF	Potential
ISOPROPYL ALCOHOL	0.05	-	low
ETHANOL	-0.35	-	low
PROPYLENE GLYCOL	<1	-	low
MONOMETHYL ETHER			
ETHYL ACETATE	0.68	30	low
ISOPROPANOL	0.05	-	low

**Other adverse effects** : No known significant effects or critical hazards.

## Section 13. Disposal considerations

**Disposal methods** : The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

## Section 14. Transport information

	DOT Classification	ADN	IMDG	IATA
<b>UN number</b>	1210	1210	1210	1210
<b>UN proper shipping name</b>	Printing ink	Printing ink	Printing ink	Printing ink
<b>Transport hazard class(es)</b>	3 	3 	3 	3 
<b>Packing group</b>	II	II	II	II
<b>Environmental hazards</b>	No.	Yes.	No.	No.

**Additional information**

## Section 15. Regulatory information

### United States

**U.S. Federal regulations** : TSCA 8(a) PAIR: 5,12-dihydroquino[2,3-b]acridine-7,14-dione; Siloxanes and Silicones, di-Me  
TSCA 8(a) CDR Exempt/Partial exemption: Not determined  
United States inventory (TSCA 8b): Not determined.  
SARA 302/304: No products were found.  
SARA 311/312 Hazards identification: Fire hazard, Immediate (acute) health hazard, Delayed (chronic) health hazard

**Clean Air Act (CAA) 112 accidental release prevention:** No products were found.

### SARA 313

**Form R - Reporting requirements**

### Product name

Isopropyl alcohol  
Isopropyl alcohol

### CAS number

67-63-0  
67-63-0

### Concentration

30 - 50  
1 - 5

## Section 15. Regulatory information

<b>Supplier notification</b>	:	Isopropyl alcohol	67-63-0	30 - 50
		Isopropyl alcohol	67-63-0	1 - 5

SARA 313 notifications must not be detached from the MSDS and any copying and redistribution of the MSDS shall include copying and redistribution of the notice attached to copies of the MSDS subsequently redistributed.

- State regulations**
- Connecticut Carcinogen Reporting:** None of the components are listed.
  - Connecticut Hazardous Material Survey:** None of the components are listed.
  - Florida substances:** None of the components are listed.
  - Illinois Chemical Safety Act:** None of the components are listed.
  - Illinois Toxic Substances Disclosure to Employee Act:** None of the components are listed.
  - Louisiana Reporting:** None of the components are listed.
  - Louisiana Spill:** None of the components are listed.
  - Massachusetts Spill:** None of the components are listed.
  - Massachusetts Substances:** The following components are listed: ISOPROPYL ALCOHOL; 2-PROPANOL; PROPYLENE GLYCOL METHYL ETHER; PROPYLENE GLYCOL MONOMETHYL ETHER; ETHYL ALCOHOL; DENATURED ALCOHOL; ISOPROPYL ALCOHOL; 2-PROPANOL; ETHYL ACETATE; ACETIC ACID, ETHYL ESTER; ETHYL ACETATE; ACETIC ACID, ETHYL ESTER
  - Michigan Critical Material:** None of the components are listed.
  - Minnesota Hazardous Substances:** None of the components are listed.
  - New Jersey Hazardous Substances:** The following components are listed: ISOPROPYL ALCOHOL; 2-PROPANOL; PROPYLENE GLYCOL MONOMETHYL ETHER; 1-METHOXY-2-PROPANOL; ETHYL ALCOHOL; ALCOHOL; ISOPROPYL ALCOHOL; 2-PROPANOL; ETHYL ACETATE; ACETIC ACID, ETHYL ESTER; ETHYL ACETATE; ACETIC ACID, ETHYL ESTER
  - New Jersey Spill:** None of the components are listed.
  - New Jersey Toxic Catastrophe Prevention Act:** None of the components are listed.
  - New York Acutely Hazardous Substances:** The following components are listed: Ethyl acetate; Ethyl acetate
  - New York Toxic Chemical Release Reporting:** None of the components are listed.
  - Pennsylvania RTK Hazardous Substances:** The following components are listed: ISOPROPYL ALCOHOL MANUFACTURE (STRONG-ACID PROCESS); 2-PROPANOL, 1-METHOXY-; DENATURED ALCOHOL; ETHANOL; ISOPROPYL ALCOHOL MANUFACTURE (STRONG-ACID PROCESS); ACETIC ACID ETHYL ESTER; ACETIC ACID ETHYL ESTER
  - Rhode Island Hazardous Substances:** None of the components are listed.

### California Prop. 65

**WARNING:** This product contains a chemical known to the State of California to cause cancer.

<u>Ingredient name</u>	<u>Cancer</u>	<u>Reproductive</u>	<u>No significant risk level</u>	<u>Maximum acceptable dosage level</u>
carbon black, respirable powder	Yes.	No.	No.	No.

### Canada

<u>Hazardous ingredients (Canada)</u>	<u>%</u>	<u>CAS number</u>
ISOPROPYL ALCOHOL	30 - 50	67-63-0
ETHANOL	5 - 10	64-17-5
PROPYLENE GLYCOL MONOMETHYL ETHER	5 - 10	107-98-2
ETHYL ACETATE	5 - 10	141-78-6
ISOPROPANOL	1 - 5	67-63-0
ETHYL ACETATE	1 - 5	141-78-6
CARBON BLACK	0 - 1	1333-86-4

- WHMIS (Canada)**
- : Class B-2: Flammable liquid
  - Class D-2A: Material causing other toxic effects (Very toxic).
  - Class D-2B: Material causing other toxic effects (Toxic).

### Canadian lists

- : **CEPA Toxic substances:** None of the components are listed.
- Canadian ARET:** None of the components are listed.
- Canadian NPRI:** The following components are listed: Isopropyl alcohol; Ethanol; Isopropyl alcohol; Ethyl acetate; Ethyl acetate
- Alberta Designated Substances:** None of the components are listed.
- Ontario Designated Substances:** None of the components are listed.
- Quebec Designated Substances:** None of the components are listed.

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations. See Section 11 for more detailed information on health effects and symptoms.

## Section 16. Other information

### Hazardous Material Information System (U.S.A.)

Health	1
Flammability	3
Physical hazards	1

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings are not required on SDSs under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered mark of the National Paint & Coatings Association (NPCA). HMIS® materials may be purchased exclusively from J. J. Keller (800) 327-6868.

The customer is responsible for determining the PPE code for this material.

### National Fire Protection Association (U.S.A.)



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Copyright ©2001, National Fire Protection Association, Quincy, MA 02269. This warning system is intended to be interpreted and applied only by properly trained individuals to identify fire, health and reactivity hazards of chemicals. The user is referred to certain limited number of chemicals with recommended classifications in NFPA 49 and NFPA 325, which would be used as a guideline only. Whether the chemicals are classified by NFPA or not, anyone using the 704 systems to classify chemicals does so at their own risk.

### History

Date of issue : 19 January 2018

Date of previous issue : 10 April 2017

 Indicates information that has changed from previously issued version.

### Notice to reader

*To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein.*

*Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.*

*The information contained in this document is proprietary to Colorcon and may not be used or disseminated inappropriately.*