Quest Inks & Coatings
2401 Anson Drive
Mississauga, ON, Canada, L5S 1G1
Telephone: 905-405-0041

SAFETY DATA SHEET

SECTION 1. IDENTIFICATION

Product identifier used on the label : **Surteco Black, Surteco Yellow,Surteco Super White, Surteco G/S Blue, Surteco Dark Red, and Surteco Violet**

Product Code(s) :SBK-1312,SY-5107,SW-5009, SB-5127, SR-5005, SP-5128

Recommended use of the chemical and restrictions on use :
Dyes, Inks, Paints
Use pattern:Professional Use Only
Recommended restrictions: None known.

Chemical family : Mixture

Name, address, and telephone number of the supplier:

Quest Inks & Coatings
2401 Anson Drive
Mississauga, ON, Canada
L5S 1G1

Name, address, and telephone number of the manufacturer:
Refer to supplier

Supplier's Telephone # : 905-405-0041 (Monday - Friday, 8:00 am - 4:30 pm, Eastern Time)

24 Hr. Emergency Tel # : 24 Hr. Emergency Tel. # (613) 996-6666 (CANUTEC)

SECTION 2. HAZARDS IDENTIFICATION

Classification of the chemical

Black, Yellow, White, Blue, Red, or Violet Liquid.. Solvent odour.

Most important hazards: This material is classified as hazardous under U.S. OSHA regulations (29CFR 1910.1200) (Hazcom 2012) and Canadian WHMIS regulations (Hazardous Products Regulations) (WHMIS 2015).

Hazard classification :

Flammable Liquids - Category 3
Acute toxicity, oral - Category 4
Acute toxicity, inhalation - Category 4
Acute Toxicity, dermal - Category 4
Skin Corrosion/Irritation - Category 2
Eye Damage/Irritation - Category 1
Reproductive Toxicity - Category 2

Label elements

Hazard pictogram(s)

Signal Word

DANGER!

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Hazard statement(s)

Flammable liquid and vapour.
Harmful if swallowed, in contact with skin or if inhaled.
Causes skin irritation.
Causes serious eye damage.
Suspected of damaging fertility.

Precautionary statement(s)

Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
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.
Wash hands thoroughly after handling.
Avoid breathing mist or vapours.
Do not eat, drink or smoke when using this product.
Wear protective gloves/clothing and eye/face protection.

IF exposed or concerned: Get medical advice/attention.
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
Call a POISON CENTER or doctor/physician if you feel unwell.
Wash contaminated clothing before re-use.
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 CENTRE or doctor/physician.
IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
Call a POISON CENTRE or doctor/physician if you feel unwell.
IF INHALED: Remove person to fresh air and keep comfortable for breathing.
Call a poison center/doctor if you feel unwell.
In case of fire: Use water fog, dry chemical, CO2 or ‘alcohol’ foam to extinguish.

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

Dispose of contents/container in accordance with local regulation.

Other hazards

Other hazards May be sensitive to static discharge. Take measures to prevent the build up of electrostatic charge.

Other hazards which do not result in classification:

Burning produces obnoxious and toxic fumes.Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. May be an aspiration hazard. Aspiration into the lungs during swallowing or subsequent vomiting may cause chemical pneumonitis, which can be fatal.

Enviromental Precautions:
Avoid release to the environment. See Section 12 for more environmental information.

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SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixture

Chemical name	Common name and synonyms	CAS #	Concentration (% by weight)
Cyclohexanone	Cyclohexyl ketone; Sextone	108-94-1	**60.0 - 80.0**
Xylenes	Dimethylbenzene; Methyltoluene; Xylol	1330-20-7	**0.5 - 1.5**
n-Butyl-acetate	1-Acetoxybutane Butyl ethanoate	123-86-4	**0.1 - 1.0**
Surteco Black contains:			
Carbon black	Furnace black Lamp black Thermal black	1333-86-4	**10.0 - 30.0**
Surteco Super White contains:			
Titanium oxide	Anatase Titanic acid anhydride	13463-67-7	**15.0 - 40.0**
Surteco Yellow contains:			
Titanium oxide	Anatase Titanic acid anhydride	13463-67-7	**10.0 - 30.0**

The exact concentrations of the above listed chemicals are being withheld as a trade secret.

SECTION 4. FIRST-AID MEASURES

Description of first aid measures

Ingestion : Rinse mouth. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention if symptoms persist. If vomiting occurs spontaneously, keep victim's head lowered (forward) to reduce the risk of aspiration.

Inhalation : If inhaled: Remove person to fresh air and keep comfortable for breathing. If breathing has stopped, give artificial respiration. If breathing is difficult, give oxygen by qualified medical personnel only. Call a POISON CENTRE or doctor/physician if you feel unwell.

Skin contact : Immediately flush with plenty of water, while removing contaminated clothing.Immediately call a POISON CENTER or doctor/physician. Wash contaminated clothing before reuse.

Eye contact : For eye contact, flush with running water for at least 15 minutes.If eye irritation persists: get medical advice/attention.

Most important symptoms and effects, both acute and delayed

: May be harmful if inhaled. May cause respiratory irritation. May cause coughing and breathing difficulties. Harmful if swallowed. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. Causes serious eye irritation. Symptoms may include redness, pain, tearing and conjunctivitis. Prolonged exposure can cause central nervous system effects. Harmful in contact with skin. Causes skin irritation. Symptoms may include redness, itching and swelling. May be an aspiration hazard. Aspiration into the lungs during swallowing or subsequent vomiting may cause chemical pneumonitis, which can be fatal. Suspected of damaging fertility or the unborn child. .

Indication of any immediate medical attention and special treatment needed

: Treat symptomatically.

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SECTION 5. FIRE-FIGHTING MEASURES

Extinguishing media

Suitable extinguishing media

: Carbon dioxide (CO2); Dry chemical; Alcohol resistant foam; Water fog

Unsuitable extinguishing media

: Do not use a solid water stream as it may scatter and spread fire.

Special hazards arising from the substance or mixture / Conditions of flammability

: Flammable liquid and vapour. Vapours may ignite explosively. Vapours are heavier than air and may spread along floors. Static discharge, impact, friction, and heat may ignite exposed chemical material.
Empty containers may contain hazardous residues.

Flammability classification (OSHA 29 CFR 1910.106)

: Flammable Liquids - Category 3

Hazardous combustion products

: Carbon dioxide and carbon monoxide. Incomplete combustion may emit component hydrocarbons.

Special protective equipment and precautions for firefighters

Protective equipment for fire-fighters

: Firefighters should wear proper protective equipment and self-contained breathing apparatus with full face piece operated in positive pressure mode.

Special fire-fighting procedures

: Do not breathe fumes or vapours.Move containers from fire area if safe to do so.Cool closed containers exposed to fire with water spray. Do not allow run-off from fire fighting to enter drains or water courses.Dike for water control.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

: All persons dealing with the clean-up should wear the appropriate chemically protective equipment. Keep people away from and upwind of spill/leak. Restrict access to area until completion of clean-up. Refer to protective measures listed in sections 7 and 8.

Environmental precautions : Do not allow material to contaminate ground water system. If necessary, dike well ahead of the spill to prevent runoff into drains, sewers, or any natural waterway or drinking supply.

Methods and material for containment and cleaning up

: Ventilate the area. Remove all sources of ignition. Prevent further leakage or spillage if safe to do so. Use only non-sparking tools and equipment in the clean-up process. Avoid breathing mist or vapours. Contain and absorb spilled liquid with non-combustible, inert absorbent material (e.g. sand), then place absorbent material into a container for later disposal (see Section 13).Contact the proper local authorities. Refer to Section 13 for disposal of contaminated material.

Special spill response procedures

: If a spill/release in excess of the EPA reportable quantity is made into the environment, immediately notify the national response center in the United States (phone: 1-800-424-8802). EPA/CERCLA Reportable quantity (RQ): See section 15.

SECTION 7. HANDLING AND STORAGE

Precautions for safe handling

SAFETY DATA SHEET

: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves/clothing and eye/face protection. Use only in well-ventilated areas. Avoid breathing vapour or mist. Avoid contact with skin, eyes and clothing. Keep container tightly closed. Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Keep away from flames and hot surfaces. - No smoking. Use only non-sparking tools. Take precautionary measures against static discharges. Ground all equipment during handling. Use explosion-proof electrical and ventilating equipment.

Conditions for safe storage : Keep container tightly closed. Store in cool/well-ventilated place. Store locked up. Keep cool. Storage area should be clearly identified, clear of obstruction and accessible only to trained and authorized personnel. Inspect periodically for damage or leaks. No smoking. Empty containers may contain hazardous residues.

Incompatible materials : Strong oxidizers (e.g. Chlorine, Peroxides, etc.).; Nitric acid

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits:

Chemical Name	ACGIH TLV		OSHA PEL	
	TWA	STEL	PEL	STEL
Cyclohexanone	20 ppm	50 ppm	50 ppm ; 200 mg/m³	N/Av
Carbon black	3.0 mg/m³ (inhalable)	N/Av	3.5 mg/m³	N/Av
Titanium oxide	10 mg/m³	N/Av	15 mg/m³ (total dust)	N/Av
Titanium oxide	10 mg/m³	N/Av	15 mg/m³ (total dust)	N/Av
Xylenes	100 ppm	150 ppm	100 ppm (435 mg/m³)	N/Av
n-Butyl-acetate	50 ppm	150 ppm	150 ppm (710 mg/m³)	N/Av

Exposure controls

Ventilation and engineering measures

: Use only in well-ventilated areas. Apply technical measures to comply with the occupational exposure limits. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. Use explosion-proof equipment. In case of insufficient ventilation wear suitable respiratory equipment.

Respiratory protection : If airbourne concentrations are above the permissible exposure limit or are not known, use NIOSH-approved respirators. Respirators should be selected based on the form and concentration of contaminants in air, and in accordance with OSHA (29 CFR 1910.134) or CSA Z94.4-02. Advice should be sought from respiratory protection specialists.

Skin protection : Wear protective gloves/clothing. Where extensive exposure to product is possible, use resistant coveralls, apron and boots to prevent contact. The suitability for a specific workplace should be discussed with the producers of the protective gloves.

Eye / face protection : Wear eye/face protection. Wear safety glasses with side shields (or goggles).

Other protective equipment : Ensure that eyewash stations and safety showers are close to the workstation location. Other equipment may be required depending on workplace standards.

General hygiene considerations

: Avoid breathing mist or vapours. Avoid contact with skin, eyes and clothing. Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Remove and wash contaminated clothing before re-use. Do not take contaminated clothing home. Handle in accordance with good industrial hygiene and safety practice.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : Black, Yellow, White, Blue, Red, or Violet Liquid
Odour : Solvent odour.
Odour threshold : Not available.
pH : None.
Melting/Freezing point : Not available.
Initial boiling point and boiling range
: Cyclohexanone 156°C
Flash point : 43.9°C (111°F)
Flashpoint (Method) : Cleveland closed cup
Evaporation rate (BuAe = 1) : faster than butyl acetate
Flammability (solid, gas) : Not applicable.
Lower flammable limit (% by vol.)
: Not available.
Upper flammable limit (% by vol.)
: Not available.
Oxidizing properties : None known.
Explosive properties : Not explosive
Vapour pressure : Not available.
Vapour density : Not available.
Relative density / Specific gravity
: Not available.
Solubility in water : Not available.
Other solubility(ies) : Not available.
Partition coefficient: n-octanol/water or Coefficient of water/oil distribution
: Not available.
Auto-ignition temperature : Not available.
Decomposition temperature : No information available.
Viscosity : Not available.
Volatiles (% by weight) : No information available.
Volatile organic Compounds (VOC's)
: No information available.
Absolute pressure of container
: Not applicable.
Flame projection length : Not applicable.
Other physical/chemical comments
: None known or reported by the manufacturer.

SECTION 10. STABILITY AND REACTIVITY

Reactivity : Not normally reactive.
Chemical stability : Stable under normal conditions. May turn yellow on prolonged exposure to air .

Possibility of hazardous reactions
: Hazardous polymerization does not occur.

Conditions to avoid : Open flames, sparks, high heat, direct sunlight, and close proximity to incompatible substances. Do not use in areas without adequate ventilation.

Incompatible materials : Incompatible materials (see Section 7). Attacks some elastomers, rubber, plastic and coatings.

Hazardous decomposition products
: None known, refer to hazardous combustion products in Section 5.

SECTION 11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure:

Routes of entry inhalation : YES

Routes of entry skin & eye : YES

Routes of entry Ingestion : YES

Routes of exposure skin absorption
: YES

Potential Health Effects:

Signs and symptoms of short-term (acute) exposure

Sign and symptoms Inhalation
: May cause respiratory tract irritation. Coughing, difficulty breathing, and tightness in chest. Symptoms and signs include headache, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness.

Sign and symptoms ingestion
: Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. Aspiration hazard. Aspiration into the lungs during swallowing or subsequent vomiting may cause chemical pneumonitis, which can be fatal.

Sign and symptoms skin : Causes skin irritation. Symptoms may include redness, itching and swelling.

Sign and symptoms eyes : Causes serious eye damage. Symptoms may include redness, pain, tearing and conjunctivitis. Permanent eye damage including blindness could result.

Potential Chronic Health Effects
: Frequent or prolonged contact may dry the skin, leading to discomfort and dermatitis.

Mutagenicity : Not expected to be mutagenic in humans.

Carcinogenicity : Not classifiable as a human carcinogen, based on currently available data. Contains Titanium dioxide. Titanium dioxide is classified as possibly carcinogenic by IARC (Group 2B). Contains carbon black. However, the Carbon black and Titanium dioxide used in this product are in a non-respirable form and under normal conditions of use, Carbon black and Titanium dioxide cannot become airbourne. The carcinogenic effects of Carbon black and Titanium dioxide are therefore not applicable to this product.

Reproductive effects & Teratogenicity
: Not expected to cause reproductive effects.

Sensitization to material : Not expected to be a skin or respiratory sensitizer.

Specific target organ effects : According to the classification criteria of U.S. OSHA regulations (29CFR 1910.1200) (Hazcom 2012) and Canadian WHMIS regulations (Hazardous Products Regulations) (WHMIS 2015), this product is not expected to cause target organ toxicity through single or repeated exposures.

Medical conditions aggravated by overexposure
: Pre-existing skin, eye and respiratory disorders.

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Synergistic materials : No information available.

Toxicological data : There is no data available for this product. The calculated ATE values for this mixture are:
ATE oral =1414.64 mg/kg
ATE dermal =1424.24 mg/kg
ATE inhalation (vapours) = 10.35 mg/L

Chemical name	LC_{50}(4hr) inh, rat	LD_{50} (Oral, rat)	LD_{50} (Rabbit, dermal)
Cyclohexanone	10.6 mg/L	1340 mg/kg	940 mg/kg
Xylenes	6350 ppm (27.6 mg/L) (vapour)	3253 mg/kg	12 180 mg/kg
n-Butyl-acetate	> 6867 ppm (32.6 mg/L) (vapour) (No mortality) 1.802 mg/L (aerosol)	10 700 mg/kg	> 5000 mg/kg
Surteco Black contains:			
Carbon black	6.75 mg/L (dust)	> 10 000 mg/kg	> 3000 mg/kg
Surteco Super White contains:			
Titanium oxide	> 6.82 mg/kg (dust) (No mortality)	> 25 000 mg/kg	> 10 000 mg/kg
Surteco Yellow contains:			
Titanium oxide	> 6.82 mg/kg (dust) (No mortality)	> 25 000 mg/kg	> 10 000 mg/kg

Other important toxicological hazards
: None reported by the manufacturer.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity : Not expected to be harmful to aquatic organisms. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment. Do not allow material to contaminate ground water system. See the following tables for the substance's ecotoxicity data.

Ecotoxicity data:

Ingredients	CAS No	Toxicity to Fish		
		LC50 / 96h	NOEC / 21 day	M Factor
Cyclohexanone	108-94-1	96 Hr LC50 Pimephales promelas: 481 - 578 mg/L [flow-through]; 96 Hr LC50 Pimephales promelas: 8.9 mg/L	N/Av	none
Carbon black	1333-86-4	> 1000 mg/L (Zebra fish)	N/Av	None.
Titanium oxide	13463-67-7	> 100 mg/L (Japanese ricefish)	N/Av	None.
Xylenes	1330-20-7	8.2 mg/L (Rainbow trout)	N/Av	None.
n-Butyl-acetate	123-86-4	18 mg/L (Fathead minnow)	N/Av	None.

Ingredients	CAS No	Toxicity to Daphnia		
		EC50 / 48h	NOEC / 21 day	M Factor
Cyclohexanone	108-94-1	24 Hr EC50 Daphnia magna: 800 mg/L	N/Av	none
Carbon black	1333-86-4	> 5600 mg/L/24hr (Daphnia magna)	N/Av	None.
Titanium oxide	13463-67-7	> 100 mg/L (Daphnia magna)	N/Av	None.
Xylenes	1330-20-7	3.2 - 9.56 mg/L (Daphnia magna)	N/Av	None.
n-Butyl-acetate	123-86-4	44 mg/L (Daphnia magna)	23 mg/L (Read-across)	None.

Ingredients	CAS No	Toxicity to Algae		
		EC50 / 96h or 72h	NOEC / 96h or 72h	M Factor
Cyclohexanone	108-94-1	96 Hr EC50 Chlorella vulgaris: 20 mg/L	N/Av	none
Carbon black	1333-86-4	> 10 000 mg/L/72hr (Green algae)	N/Av	None.
Titanium oxide	13463-67-7	> 100 mg/L/72hr (Green algae)	N/Av	None.
Xylenes	1330-20-7	3.2 - 4.9 mg/L/72hr (Green algae)	N/Av	None.
n-Butyl-acetate	123-86-4	675 mg/L/72hr (Green algae)	200 mg/L/72hr	None.

Persistence and degradability
: No data is available on the product itself.

Bioaccumulation potential : No data is available on the product itself.

Components	Partition coefficient n-octanol/water (log Kow)	Bioconcentration factor (BCF)
Cyclohexanone (CAS 108-94-1)	0.86 at 25 °C	will not bioconcentrate
Xylenes (CAS 1330-20-7)	3.12 - 3.2	50 - 54
n-Butyl-acetate (CAS 123-86-4)	2.3	15.3 (estimated)

Mobility in soil : No data is available on the product itself.

Other Adverse Environmental effects
: None known.

SECTION 13. DISPOSAL CONSIDERATIONS

Handling for Disposal : Handle in accordance with good industrial hygiene and safety practice. Refer to protective measures listed in sections 7 and 8.

Methods of Disposal : Dispose in accordance with all applicable federal, state, provincial and local regulations.

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RCRA : If this product, as supplied, becomes a waste in the United States, it may meet the criteria of a hazardous waste as defined under RCRA, Title 40 CFR 261. It is the responsibility of the waste generator to determine the proper waste identification and disposal method. For disposal of unused or waste material, check with local, state and federal environmental agencies.

SECTION 14. TRANSPORT INFORMATION

Regulatory Information	UN Number	UN proper shipping name	Transport hazard class(es)	Packing Group	Label
TDG	UN1210	PRINTING INK	3	III	
TDG Additional information	May be shipped as a Limited Quantity when transported in containers no larger than 5 L (1.3 gallons); in packages not exceeding 30 kg (66 pounds) gross mass.				
49CFR/DOT	UN1210	PRINTING INK	3	III	
49CFR/DOT Additional information	May be shipped as a Limited Quantity when transported in containers no larger than 5 L (1.3 gallons); in packages not exceeding 30 kg (66 pounds) gross mass.				
IMDG	UN1210	PRINTING INK	3	III	
IMDG Additional information	May be shipped as a Limited Quantity when transported in containers no larger than 5 L (1.3 gallons); in packages not exceeding 30 kg (66 pounds) gross mass.				
ICAO/IATA	UN1210	Printing ink	3	III	
ICAO/IATA Additional information	Refer to ICAO/IATA Packing Instruction				

Special precautions for user : Appropriate advice on safety must accompany the package. Keep away from heat, sparks and open flame. - No smoking.

Environmental hazards : This product does not meet the criteria for an environmentally hazardous mixture, according to the IMDG Code. See ECOLOGICAL INFORMATION, Section 12.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

: This information is not available.

SECTION 15 - REGULATORY INFORMATION

US Federal Information:

Components listed below are present on the following U.S. Federal chemical lists:

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Ingredients	CAS #	TSCA Inventory	CERCLA Reportable Quantity(RQ) (40 CFR 117.302):	SARA TITLE III: Sec. 302, Extremely Hazardous Substance, 40 CFR 355:	SARA TITLE III: Sec. 313, 40 CFR 372, Specific Toxic Chemical	
					Toxic Chemical	de minimus Concentration
Cyclohexanone	108-94-1	Yes	5000 lb/ 2270 kg	N/Av	No	No
Carbon black	1333-86-4	Yes	None.	None.	No	No
Titanium oxide	13463-67-7	Yes	None.	None.	No	No
Titanium oxide	13463-67-7	Yes	None.	None.	No	No
Xylenes	1330-20-7	Yes	100 lbs / 45.4 kg	None.	Yes	No
n-Butyl-acetate	123-86-4	Yes	5000 lb/ 2270 kg	None.	No	No

SARA TITLE III: Sec. 311 and 312, SDS Requirements, 40 CFR 370 Hazard Classes: Flammable; Acute toxicity; Skin irritation;Serious eye damage,Reproductive toxicity. Under SARA Sections 311 and 312, the EPA has established threshold quantities for the reporting of hazardous chemicals. The current thresholds are 500 pounds or the threshold planning quantity (TPQ), whichever is lower, for extremely hazardous substances and 10,000 pounds for all other hazardous chemicals.

US State Right to Know Laws:

The following chemicals are specifically listed by individual States:

Ingredients	CAS #	California Proposition 65		State "Right to Know" Lists					
		Listed	Type of Toxicity	CA	MA	MN	NJ	PA	RI
Cyclohexanone	108-94-1	No	N/Ap	Yes	Yes	Yes	Yes	Yes	Yes
Carbon black	1333-86-4	Yes	Cancer (airborne, unbound particles of respirable size)	Yes	Yes	Yes	Yes	Yes	Yes
Titanium oxide	13463-67-7	Yes	Cancer (airborne, unbound particles of respirable size)	No	Yes	Yes	Yes	Yes	Yes
Titanium oxide	13463-67-7	Yes	Cancer (airborne, unbound particles of respirable size)	No	Yes	Yes	Yes	Yes	Yes
Xylenes	1330-20-7	No	N/Ap	Yes	Yes	Yes	Yes	Yes	Yes
n-Butyl-acetate	123-86-4	No	N/Ap	Yes	Yes	Yes	Yes	Yes	Yes

Canadian Information:

Canadian Environmental Protection Act (CEPA): All ingredients are present on the DSL.

WHMIS information: Refer to Section 2 for a WHMIS Classification for this product.

International Information:

Components listed below are present on the following International Inventory list:

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Ingredients	CAS #	European EINECs	Australia AICS	Philippines PICCS	Japan ENCS	Korea KECI/KECL	China IECSC	NewZealand IOC
Cyclohexanone	108-94-1	203-631-1	Present	Present	(3)-2376	KE-09188	Present	HSR001112
Carbon black	1333-86-4	215-609-9	Present	Present	(5)-3328; (5)-5222	KE-04682	Present	HSR002801
Titanium oxide	13463-67-7	236-675-5	Present	Present	(5)-5225; (1)-558	KE-33900	Present	May be used as a single component chemical under an appropriate group standard.
Titanium oxide	13463-67-7	236-675-5	Present	Present	(5)-5225; (1)-558	KE-33900	Present	May be used as a single component chemical under an appropriate group standard.
Xylenes	1330-20-7	215-535-7	Present	Present	(3)-60; (3)-3	KE-35427	Present	HSR000983
n-Butyl-acetate	123-86-4	204-658-1	Present	Present	(2)-735; (2)-731	KE-04179	Present	HSR001091

SECTION 16. OTHER INFORMATION

Legend : ACGIH: American Conference of Governmental Industrial Hygienists
AICS: Australian Inventory of Chemical Substances
ATE: Acute Toxicity Estimate
CA: California
CAS: Chemical Abstract Services
CERCLA: Comprehensive Environmental Response, Compensation, and Liability Act of 1980
CFR: Code of Federal Regulations
CSA: Canadian Standards Association
DOT: Department of Transportation
ECHA: European Chemicals Agency
ECOTOX: U.S. EPA Ecotoxicology Database
EINECS: European Inventory of Existing Commercial chemical Substances
ENCS: Existing and New Chemical Substances
EPA: Environmental Protection Agency
HSDB: Hazardous Substances Data Bank
IARC: International Agency for Research on Cancer
IBC: Intermediate Bulk Container
IECSC: Inventory of Existing Chemical Substances
IMDG: International Maritime Dangerous Goods
IOC: Inventory of Chemicals
IUCLID: International Uniform Chemical Information Database
KECI: Korean Existing Chemicals Inventory
KECL: Korean Existing Chemicals List
LC: Lethal Concentration
LD: Lethal Dose
MA: Massachusetts
MN: Minnesota
N/Ap: Not Applicable
N/Av: Not Available
NIOSH: National Institute of Occupational Safety and Health
NJ: New Jersey
NOEC: No observable effect concentration

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NTP: National Toxicology Program
OECD: Organisation for Economic Co-operation and Development
OSHA: Occupational Safety and Health Administration
PA: Pennsylvania
PEL: Permissible exposure limit
PICCS: Philippine Inventory of Chemicals and Chemical Substances
RCRA: Resource Conservation and Recovery Act
RI: Rhode Island
RTECS: Registry of Toxic Effects of Chemical Substances
SARA: Superfund Amendments and Reauthorization Act
SDS: Safety Data Sheet / Material Safety Data Sheet
STEL: Short Term Exposure Limit
TDG: Canadian Transportation of Dangerous Goods Act & Regulations
TLV: Threshold Limit Values
TSCA: Toxic Substance Control Act
TWA: Time Weighted Average
WHMIS: Workplace Hazardous Materials Identification System

References : 1. ACGIH, Threshold Limit Values for Chemical Substances and Physical Agents & Biological Exposure Indices for 2016
2. International Agency for Research on Cancer Monographs, searched 2017
3. Canadian Centre for Occupational Health and Safety, CCInfoWeb databases, 2017(Chempendium, HSDB and RTECs).
4. Material Safety Data Sheets from manufacturer.
5. US EPA Title III List of Lists - 2017 version.
6. California Proposition 65 List - 2017 version.
7. OECD - The Global Portal to Information on Chemical Substances - eChemPortal,2017.

Preparation Date (mm/dd/yyyy) : 05/02/2023

Other special considerations for handling : Provide adequate information, instruction and training for operators.

Prepared for: Quest Inks& Coatings 2401 Anson Drive Mississauga, ON L5S 1G1 Telephone: 905-405-0041 www.questinks.com	
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