

Safety Data Sheet

Product Number: 51-0026-01
Product Name: Ink, Super Flex Black

Date: 12/20/22
Revision: C

Based upon Regulation (EC) No 1907/2006 (REACH), as amended by Regulation (EU) 2020/878

Section 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product Identifier

Product Name: Ink, Super Flex Black
Registration Number: Not Relevant (Mixture)
Product Code: 51-0026-01

1.2 Relevant identified uses of the substance or mixture and uses advised against

Product Use: Printing ink for use in BestCode CIJ

1.3 Details of the supplier of the safety data sheet

BestCode
3034 SE Loop 820
Fort Worth, TX 76140
817-349-8555

For further information, please contact Customer Service:

Customer Service: 817-349-8555
Email: Info@Bestcode.co

1.4 Emergency telephone number

Emergency Contact: Local Poison Information Center
Chem Tel. Inc. Toll Free 800-255-3924
International 813-248-0585

Section 2: Hazards identification

2.1 Classification of the mixture in accordance with Article 40 of Regulation (EC) No 1272/2008 GHS Rating:

Flammable Liquids, Category 2
Serious Eye Damage/Eye Irritation, Category 2
Specific Target Organ Toxicity (single exposure), Category 3
Aquatic Toxicity (Chronic), Category 3

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008 (CLP)



Signal word: Danger



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Hazard statements:

H225 - Highly flammable liquid and vapor.
H318 - Causes serious eye damage.
H335 - May cause respiratory irritation.
EUH066 - Repeated exposure may cause skin dryness or cracking.

Precautionary statements:

P264 - Wash hands thoroughly after handling. P233 - Keep container tightly closed.
P210 - Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P240 - Ground/bond container and receiving equipment.
P241 - Use explosion-proof electrical/ventilating/lighting/.../ equipment.
P243 - Take precautionary measures against static discharge.
P242 - Use only non-sparking tools.
P261 - Avoid breathing dust/fume/gas/mist/vapors/spray.
P271 - Use only outdoors or in a well-ventilated area.
P370+378 - In case of fire, use dry chemical, carbon dioxide, water spray or alcohol-resistant foam to extinguish.
P303+361+353 - IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.
P305+351+338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 - Immediately call a POISON CENTER/doctor/...
P304+340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P312 - Call a POISON CENTER/doctor/... if you feel unwell.
P403+235 - Store in cool/well-ventilated place.
P501 - Dispose of contents/container to ...
P403+233 - Store container tightly closed in well-ventilated place.
P405 - Store locked up.

Supplemental Hazard Information

EUH066 Repeated exposure may cause skin dryness or cracking.

Hazardous Ingredients for Labelling

Acetone, Isopropyl alcohol, Propanoic acid, 2-Hydroxy-, ethyl ester

2.3 Other Hazards

Hazards not otherwise classified (HNOC) or not covered by GHS. Hazards not otherwise classified (HNOC) or not covered by GHS -none.



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Section 3: Composition/information on ingredients

3.1 Substances:

Not Relevant (Mixture)

3.2 Mixtures:

Name of Substance	Identifier	Concentration	GHS Classification
Acetone	CAS No: 67-64-1 EC No: 200-662-2 Index No: 606-001-00-8 REACH Reg. No: 01-2119471330-49	45.0 -55.0 %	Flam. Liq. 2: H225 Eye Damage 2: H319 STOT (SE) 3: H336 EUH066
Ethanol	CAS No: 64-17-5 EC No: 200-578-6 Index No: 603-002-00-5 REACH Reg. No: 01-2119457610-43	14.295 -28.59 %	Flam. Liq. 2 / H225 Eye Irrit. 2 / H319
Isopropyl alcohol	CAS No: 67-63-0 EC No: 200-661-7 Index No: 603-117-00-0 REACH Reg. No: 01-2119457558-25	0.705 -1.41 %	Flam. Liq. 2 / H225 Eye Irrit. 2 / H319 STOT SE 3 / H336
Iso-Amyl acetate	CAS No: 123-92-2 EC No: 204-662-3 Index No: 607-130-00-2 REACH Reg. No: 01-2119548408-32	1.0 -5.0 %	Flam. Liq. 3: H226 EUH066
Propanoic acid, 2-Hydroxy-, ethyl ester	CAS No: 97-64-3 EC No: 202-598-0 Index No: 607-129-00-7 REACH Reg. No: 01-2120809949-37	0.1 -1.0 %	Flam. Liq. 3: H226 Eye Damage 1: H318 STOT (SE) 3: H335
Cellulose ester	CAS No: 9004-36-8	1.0 -5.0 %	-

Section 4: First Aid Measures

4.1 Description of first aid measures

Inhalation If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

Eyes: Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician. Flush eyes with water as a precaution.

Skin: Wash off with soap and plenty of water. Consult a physician.

Ingestion: Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.



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4.2 Most Important symptoms and effects, both acute and delayed

Inhalation	No Data Available
Eye contact	No Data Available
Skin contact	No Data Available
Ingestion	No Data Available

4.3 Indication of any immediate medical attention and special treatment needed

Notes to doctor: Consult a physician. Show this safety data sheet to the doctor in attendance.
Move out of dangerous area.

Section 5: Fire Fighting Measures

5.1 Extinguishing media

Use water spray, dry chemical, carbon dioxide, or alcohol-resistant foam.

5.2 Special hazards arising from the substance or mixture

No data available

5.3 Advice for firefighters

Wear self contained breathing apparatus for fire fighting if necessary.

Section 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

6.1.1 For non-emergency personnel

Remove persons to safety.

6.1.2 For emergency responders

Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas. For personal protection see section 8. Avoid dust formation.

6.2 Environmental Precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided. No special environmental precautions required.



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6.3 Methods and material for containment and cleaning up

Contain spillage, and then collect with an electrically protected vacuum cleaner or by wet-brushing and place in container for disposal according to local regulations (see section 13). Sweep up and shovel. Keep in suitable, closed containers for disposal.

Section 7: Handling and storage

7.1 Precautions for safe handling

Avoid contact with skin and eyes. Avoid inhalation of vapor or mist. Use explosion-proof equipment. Keep away from sources of ignition - No smoking. Take measures to prevent the build up of electrostatic charge. For precautions see section 2. Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection.

7.2 Conditions for safe storage, including any compatibilities

Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Recommended storage temperature: 2 - 8 deg.C. Storage class 510) Handle and store under inert gas. Hygroscopic. Storage class (TRGS 510): Flammable liquids

7.3 Specific end use(s)

Fluid delivery to BestCode Series 8 CIJ. Follow safety instructions outlined in 7.1 & 7.2 while handling. Observe warnings provided with BestCode Series 8 CIJ system when installing and handling fluids.

Section 8: Exposure control/personal protection

8.1 Control parameters

CAS #	Chemical Name	Australia	Austria	Belgium
67-64-1	Acetone	TWA 500ppm (1185mg/m3) STEL 1000ppm (2375mg/m3)	TWA 500ppm (1200mg/m3) STEL 2000ppm (4800mg/m3)	TWA 246ppm (594mg/m3) STEL 492ppm (1187mg/m3)
64-17-5	Ethanol	TWA: 1000ppm (1880mg/m3)	TWA: 1000ppm (1900mg/m3) STEL: 2000ppm (3800mg/m3)	TWA: 1000ppm (1907mg/m3)
67-63-0	Isopropyl alcohol	TWA 400ppm (983mg/m3) STEL: 500ppm (1230mg/m3)	TWA 200ppm (500mg/m3) STEL: 800ppm (2000mg/m3)	TWA 200ppm (500mg/m3) STEL: 400ppm (1000mg/m3)

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123-92-2	Iso-Amyl acetate	TWA 50ppm (270mg/m3) STEL: 100ppm (541mg/m3)	-	TWA 50ppm (270mg/m3) STEL: 100ppm (540mg/m3)
97-64-3	Propanoic acid, 2-Hydroxy-, ethyl ester	-	-	-

CAS #	Chemical Name	Ontario, CA	Québec, CA	Denmark
67-64-1	Acetone	TWA 250ppm STEL 500ppm	TWA 500ppm (1190mg/m3) STEL 1000ppm (2380mg/m3)	TWA 250ppm (600mg/m3) STEL 500ppm (1200mg/m3)
64-17-5	Ethanol	STEL: 1000ppm	TWA: 1000ppm (1880mg/m3)	TWA: 1000ppm (1900mg/m3) STEL: 2000ppm (3800mg/m3)
67-63-0	Isopropyl alcohol	TWA 200ppm STEL: 400ppm	TWA 400ppm (983mg/m3) STEL: 500ppm (1230mg/m3)	TWA 200ppm (490mg/m3) STEL: 400ppm (980mg/m3)
123-92-2	Iso-Amyl acetate	TWA 50ppm STEL: 100ppm	TWA 50ppm STEL: 100ppm	TWA 50ppm (271mg/m3) STEL: 100ppm (532mg/m3)
97-64-3	Propanoic acid, 2-Hydroxy-, ethyl ester	-	-	TWA: 10ppm Provisional

CAS #	Chemical Name	European Union	Finland	France
67-64-1	Acetone	TWA 500ppm (1210mg/m3)	TWA 500ppm (1200mg/m3) STEL 630ppm (1500mg/m3)	TWA 500ppm (1210mg/m3) STEL 1000ppm (2420mg/m3)
64-17-5	Ethanol	-	TWA: 1000ppm (1900mg/m3) STEL: 1300ppm (2500mg/m3)	TWA: 1000ppm (1900mg/m3) STEL: 5000ppm (9500mg/m3)
67-63-0	Isopropyl alcohol	-	TWA 200ppm (500mg/m3) STEL: 250ppm (620mg/m3)	STEL: 400ppm (980mg/m3)
123-92-2	Iso-Amyl acetate	TWA 50ppm (270mg/m3)	TWA 50ppm (270mg/m3)	TWA 50ppm (270mg/m3)

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		STEL: 100ppm (540mg/m3)	STEL: 100ppm (540mg/m3)	STEL: 100ppm (540mg/m3)
97-64-3	Propanoic acid, 2-Hydroxy-, ethyl ester	-	TWA: 5ppm (25mg/m3) STEL: 10ppm (49mg/m3)	-

CAS #	Chemical Name	German AGS	Germany DFG	Hungary
67-64-1	Acetone	TWA 500ppm (1200mg/m3) STEL 1000ppm (2400mg/m3)	TWA 500ppm (1200mg/m3) STEL 1000ppm (2400mg/m3)	TWA (1210mg/m3)
64-17-5	Ethanol	TWA: 200ppm (380mg/m3) STEL: 800ppm (1520mg/m3)	TWA: 200ppm (380mg/m3) STEL: 800ppm (1520mg/m3)	TWA 1900mg/m3
67-63-0	Isopropyl alcohol	TWA 200ppm (500mg/m3) STEL: 400ppm (1000mg/m3)	TWA 200ppm (500mg/m3) STEL: 400ppm (1000mg/m3)	TWA (500mg/m3) STEL: (2000mg/m3)
123-92-2	Iso-Amyl acetate	TWA 50ppm (270mg/m3) STEL: 50ppm (270mg/m3)	TWA 50ppm (270mg/m3) STEL: 50ppm (270mg/m3)	TWA 270mg/m3 STEL: 270mg/m3
97-64-3	Propanoic acid, 2-Hydroxy-, ethyl ester	-	-	-

CAS #	Chemical Name	Ireland	Italy	Latvia
67-64-1	Acetone	TWA 500ppm (1210mg/m3)	TWA 500ppm (1210mg/m3)	TWA 500ppm (1210mg/m3)
64-17-5	Ethanol	STEL: 1000ppm	-	TWA 1000mg/m3
67-63-0	Isopropyl alcohol	TWA 200ppm STEL: 400ppm)	-	TWA (350mg/m3) STEL: (600mg/m3)
123-92-2	Iso-Amyl acetate	TWA 50ppm (260mg/m3) STEL: 100ppm (520mg/m3)	TWA 50ppm (270mg/m3) STEL: 100ppm (540mg/m3)	TWA 50ppm (270mg/m3) STEL: 100ppm (540mg/m3)
97-64-3	Propanoic acid, 2-Hydroxy-, ethyl ester	-	-	-

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CAS #	Chemical Name	New Zealand	PROC	Poland
67-64-1	Acetone	TWA 500ppm (1185mg/m3) STEL 1000ppm (2375mg/m3)	TWA (300mg/m3) STEL (450mg/m3)	TWA (600mg/m3) STEL (1800mg/m3)
64-17-5	Ethanol	TWA: 1000ppm (1880mg/m3)		TWA: (1900mg/m3)
67-63-0	Isopropyl alcohol	TWA 400ppm (983mg/m3) STEL: 500ppm (1230mg/m3)	TWA (350mg/m3) STEL: (700mg/m3)	TWA (900mg/m3) STEL: (1200mg/m3)
123-92-2	Iso-Amyl acetate	TWA 100ppm (532mg/m3)	-	TWA 250mg/m3 STEL: 500mg/m3
97-64-3	Propanoic acid, 2-Hydroxy-, ethyl ester	-	-	-

CAS #	Chemical Name	Romania	Singapore	South Korea
67-64-1	Acetone	TWA 500ppm (1210mg/m3)	TWA 750ppm (1780mg/m3) STEL 1000ppm (2380mg/m3)	TWA 500ppm STEL 750ppm
64-17-5	Ethanol	TWA: 1000ppm (1900mg/m3) STEL: 5000ppm (9500mg/m3)	TWA: 1000ppm (1880mg/m3)	TWA: 1000ppm (1900mg/m3)
67-63-0	Isopropyl alcohol	TWA 81ppm (200mg/m3) STEL: 203ppm (500mg/m3)	TWA 400ppm (983mg/m3) STEL: 500ppm (1230mg/m3)	TWA 200ppm (480mg/m3) STEL: 400ppm (980mg/m3)
123-92-2	Iso-Amyl acetate	TWA 50ppm (270mg/m3) STEL: 100ppm (540mg/m3)	TWA 100ppm (532mg/m3)	TWA 50ppm STEL: 100ppm
97-64-3	Propanoic acid, 2-Hydroxy-, ethyl ester	-	-	-

CAS #	Chemical Name	Spain	Sweden	Switzerland
67-64-1	Acetone	TWA 500ppm (1210mg/m3)	TWA 250ppm (600mg/m3) STEL 500ppm (1200mg/m3)	TWA 500ppm (1200mg/m3) STEL 1000ppm (2400mg/m3)

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64-17-5	Ethanol	STEL: 1000ppm (1910mg/m ³)	TWA: 500ppm (1000mg/m ³) STEL: 1000ppm (1900mg/m ³)	TWA: 500ppm (960mg/m ³) STEL: 1000ppm (1920mg/m ³)
67-63-0	Isopropyl alcohol	TWA 200ppm (500mg/m ³) STEL: 400ppm (1000mg/m ³)	TWA 150ppm (350mg/m ³) STEL: 250ppm (600mg/m ³)	TWA 200ppm (500mg/m ³) STEL: 400ppm (1000mg/m ³)
123-92-2	Iso-Amyl acetate	TWA 50ppm (270mg/m ³) STEL: 100ppm (540mg/m ³)	TWA 100ppm (500mg/m ³) STEL: 150ppm (800mg/m ³)	TWA 50ppm (260mg/m ³) STEL: 50ppm (260mg/m ³)
97-64-3	Propanoic acid, 2-Hydroxy-, ethyl ester	-	TWA: 5ppm (25mg/m ³) STEL: 10ppm (50mg/m ³)	-

CAS #	Chemical Name	The Netherlands	USA - NIOSH	United Kingdom
67-64-1	Acetone	TWA (1210mg/m ³)	TWA 250 ppm (590 mg/m ³)	TWA 500 ppm (1210 mg/m ³) STEL 1500 ppm (3620 mg/m ³)
64-17-5	Ethanol	TWA: (260mg/m ³) STEL: (1900mg/m ³)	TWA: 1000ppm (1900mg/m ³)	TWA: 1000ppm (1920mg/m ³)
67-63-0	Isopropyl alcohol	-	TWA 400ppm (980mg/m ³) STEL: 500ppm (1225mg/m ³)	TWA 400ppm (999mg/m ³) STEL: 500ppm (1250mg/m ³)
123-92-2	Iso-Amyl acetate	STEL: 530ppm	TWA 100ppm (525mg/m ³)	TWA 50ppm (270mg/m ³) STEL: 100ppm (541mg/m ³)
97-64-3	Propanoic acid, 2-Hydroxy-, ethyl ester	-	-	-

CAS #	Chemical Name	OSHA PELs	ACGIH TLV	California, USA PELs
67-64-1	Acetone	TWA 1000 ppm (2400 mg/m ³)	TWA 250ppm STEL 500ppm	TWA 500 ppm (1200 mg/m ³) STEL 750 ppm (1780 mg/m ³)
64-17-5	Ethanol	TWA 1000ppm (1900mg/m ³)	STEL: 1000 ppm	PEL 1000ppm (1900mg/m ³)
67-63-0	Isopropyl alcohol	TWA 400ppm (980mg/m ³)	TWA 200ppm STEL: 400ppm	TWA 400ppm (980mg/m ³) STEL: 500ppm (1225mg/m ³)



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123-92-2	Iso-Amyl acetate	TWA 100ppm (525mg/m3)	TWA 50ppm STEL: 100ppm	TWA 50ppm (266mg/m3) STEL: 100ppm (532mg/m3)
97-64-3	Propanoic acid, 2-Hydroxy-, ethyl ester	-	-	-

CAS #	Chemical Name	Mexico
67-64-1	Acetone	PPT 500ppm CT 750ppm
64-17-5	Ethanol	CT 1000ppm
67-63-0	Isopropyl alcohol	PPT 200ppm CT 400ppm
123-92-2	Iso-Amyl acetate	PPT 50ppm CT 100ppm
97-64-3	Propanoic acid, 2-Hydroxy-, ethyl ester	-

8.2 Exposure controls:

8.2.1 Appropriate engineering controls:

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday. General industrial hygiene practice.

8.2.2 Individual protection measures, such as personal protective equipment

Eye/Face protection:

Face shield and safety glasses. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU). Tightly fitting safety goggles. Faceshield (8-inch minimum).

Skin protection:

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Full contact. Material: Nitrile rubber, Minimum layer thickness: 0.4 mm, Break through time: 480 min.

If used in solution, or mixed with other substances, and under conditions which differ from EN 374, contact the supplier of the CE approved gloves. This recommendation is advisory only and must be evaluated by an industrial hygienist and safety officer familiar with the specific situation of anticipated use by our customers. It should not be construed as offering an approval for any specific use scenario.

Splash contact: Material: butyl-rubber Minimum layer thickness: 0.3 mm Break through time: ? min. Impervious clothing. Flame retardant antistatic protective clothing. The type of protective equipment must be



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Respiratory protection:

selected according to the concentration and amount of the dangerous substance at the specific workplace. Complete suit protecting against chemicals. Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place.

Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi- purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Respiratory: Wear respiratory protection.

Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143 dust masks.

Hygienic Practices:

DO NOT SMOKE IN WORK AREA! Promptly remove contaminated clothing. Wash immediately if skin becomes contaminated. Do not eat or drink in work area while using this product. Wash thoroughly at the end of the workday, before eating and using the restroom.

Section 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance:	Dark Liquid		
Odor:	Solvent	Odor threshold:	No data available
pH:		Melting point:	-94.00 C - 137.00 C
Boiling range:	56.00 C - 154.00 C	Flash point:	> -17.00 C
Evaporation rate:	-	Upper Explosive Limit:	
		Lower Explosive Limit:	
Flammability:	No data available	Vapor Pressure:	-
Vapor density:	> Air	Relative Density:	0.869
Solubility(ies):	Miscible	Partition coefficient n-octanol/water:	No data available
Auto-ignition temperature:	>365 C	Decomposition temperature:	No data available
Viscosity:	No data available		
Explosive properties:	> 70.0 % volatile by volume.		
Oxidizing properties:	None		

9.2 Other information:

Miscibility:	No data available	VOC:	No data available
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Section 10: Stability and reactivity

10.1 Reactivity

No data available

10.2 Chemical stability

Stable

10.3 Possibility of hazardous reactions

Vapors may form explosive mixture with air.

10.4 Conditions to avoid:

Incompatible materials, ignition sources, Excess heat, Light, High temperatures, confined spaces, Heat, flames and sparks.

10.5 Incompatible materials:

Strong oxidizing agents, Strong reducing agents, Bases, Strong oxidizing agents. Oxidizing agents, Acid anhydrides, Aluminum, Halogenated compounds, Acids. Strong acids, Strong bases.

10.6 Hazardous decomposition products

Other decomposition products: No data available.

In the event of fire: see section 5. Hazardous decomposition products formed under fire conditions. - Carbon oxides.

Section 11: Toxicological information

11.1 Information on Toxicological effects

Acute toxicity: No data available.

Skin No data available.

corrosion/irritation:

Serious eye No data available.

damage/irritation:

Respiratory or skin No data available.

sensitization:

Germ cell No data available.

mutagenicity:

Carcinogenicity:

CAS# 64-17-5: Not listed by ACGIH, IARC, NTP, or CA Prop 65.
CAS# 67-63-0: Not listed by ACGIH, IARC, NTP, or CA Prop 65.
CAS# 67-64-1: Not listed by ACGIH, IARC, NTP, or CA Prop 65.
CAS# 123-92-2: Not listed by ACGIH, IARC, NTP, or CA Prop 65.



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IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity: No data available.

STOT-single exposure: No data available.

STOT-repeated exposure: No data available.

Aspiration hazard No data available.

11.1.1 Hazard Class information:

No data available

11.1.2 Mixture toxicity:

No data available

11.1.3 Critical studies:

No data available

11.1.4 Non-compliance hazard class:

No data available

11.1.5 Information on likely routes of exposure:

No data available

11.1.6 Symptoms related to the physical, chemical and toxicological characteristics:

No data available

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

No data available

11.1.8 Interactive effects:

No data available

11.1.9 Absence of specific data:

No data available

11.1.10 Mixtures:

No data available

11.1.11 Mixture vs Substance information:

No data available



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11.1.12 Other information:

No data available

Section 12: Ecological information

12.1 Toxicity:

No data available.

12.2 Persistence and degradability:

Biodegradability Result: 91 % -Readily biodegradable. - Readily biodegradable. No data available.

12.3 Bioaccumulative potential:

Does not bioaccumulate. No data available. No bioaccumulation is to be expected (log Pow <= 4).

12.4 Mobility in soil:

No data available

12.5 Results of PBT and vPvB assessment:

No data available

12.6 Other adverse effects:

NAAn environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Harmful to aquatic life. No data available.

Section 13: Disposal considerations

13.1 Waste treatment methods:

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

RCRA P-Series: None listed.

RCRA U-Series: None listed. RCRA U-Series:

CAS# 67-64-1: waste number U002 (Ignitable waste).: waste number U154. Product.

This combustible material may be burned in a chemical incinerator equipped with an afterburner and scrubber.



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Observe all federal, state, and local environmental regulations. Contact a licensed professional waste disposal service to dispose of this material.

Contaminated packaging:
Dispose of as unused product.

Section 14: Transport information

14.1	UN number:	1210
14.2	Proper shipping name:	
	US DOT:	Printing Ink
	Canadian TDG:	Printing ink, [flammable or] Printing ink related material [(including printing ink thinning or reducing compound), flammable]
	European ADR/RID:	Printing ink, [flammable or] Printing ink related material [(including printing ink thinning or reducing compound), flammable]
	IMDG/IMO:	Printing ink, [flammable or] Printing ink related material [(including printing ink thinning or reducing compound), flammable]
	ICAO/IATA:	Printing ink, [flammable or] Printing ink related material [(including printing ink thinning or reducing compound), flammable]
14.3	Transport hazard class(es) :	3 - FLAMMABLE LIQUID
14.4	Packing group:	II
14.5	Environmental hazards:	N/A
14.6	Special precautions for user:	N/A
14.7	Transport in bulk according to Annex II of Marpol and the IBC Code:	
		N/A



Safety Data Sheet

Product Number: 51-0026-01
Product Name: Ink, Super Flex Black

Date: 12/20/22
Revision: C

Section 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture:

CAS #	Hazardous components	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)	TSCA	REACH	CERCLA
123-92-2	Iso-Amyl acetate	-	-	-	Active	-	5000lbs
64-17-5	Ethanol	-	-	-	Active	-	-
67-63-0	Isopropyl alcohol	-	-	-	Active	-	-
67-64-1	Acetone	-	-	-	Active	-	5000lbs
97-64-3	Propanoic acid, 2-Hydroxy-, ethyl ester	-	-	-	-	-	-

Section 16: Other information

Revision Date: 12/20/2022

Revision Notes: Rev C: Format updated to (EU) 2020/878.

Additional Information:

Company Disclaimer:

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