

Safety Data Sheet

according to Regulation (EC) No 1907/2006

77266 Carbon Black Tattoo Ink Sumi 01-07 Liner 08-09 Filler 10-12

Print date: 11.02.2014

Product code: 18

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General information

In all cases of doubt, or when symptoms persist, seek medical advice.

After inhalation

Remove casualty to fresh air and keep warm and at rest.

After contact with skin

After contact with skin, wash immediately with plenty of water and soap.

After contact with eyes

In case of contact with eyes, rinse immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Subsequently consult an ophthalmologist.

After ingestion

If accidentally swallowed rinse the mouth with plenty of water (only if the person is conscious) and obtain immediate medical attention.

4.2. Most important symptoms and effects, both acute and delayed

No significant effects or critical hazards known.

4.3. Indication of any immediate medical attention and special treatment needed

No specific recommendations.

SECTION 5: Firefighting measures**5.1. Extinguishing media****Suitable extinguishing media**

Extinguishing materials should be selected according to the surrounding area. Use for extinction: Water spray. Dry extinguishing powder. Foam. Carbon dioxide.

Extinguishing media which must not be used for safety reasons

High power water jet.

5.2. Special hazards arising from the substance or mixture

Can be released in case of fire: Carbon dioxide. Carbon monoxide.

5.3. Advice for firefighters

Wear a self-contained breathing apparatus and chemical resistant suit.

Additional information

Use water spray/stream to protect personnel and to cool endangered containers. Extinguishing materials should be selected according to the surrounding area. Contaminated fire-fighting water must be collected separately.

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

Provide adequate ventilation. Wear personal protection equipment.

6.2. Environmental precautions

Do not empty into drains or the aquatic environment. Prevent spreading over great surfaces (e.g. by damming or installing oil booms).

6.3. Methods and material for containment and cleaning up

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Collect in closed containers for disposal.

6.4. Reference to other sections

See section 8 for more information on appropriate personal protection equipment.
See section 13 for further information about waste treatment.

SECTION 7: Handling and storage**7.1. Precautions for safe handling**

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Advice on safe handling

If suction of the immediate vicinity is impossible or insufficient, adequate airing of the working place must be ensured.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep the packing dry and well sealed. Keep the opened container well sealed and store it upright, to prevent the escape of the content. Do not keep in unlabeled containers.

Packaging materials: Recommendation: Coated steel. polyethylene. Glass.

Not recommended: Uncoated steel.

Further information on storage conditions

Protect from frost.

7.3. Specific end use(s)

Recommendation: Not available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limits (EH40)

CAS No	Substance	ppm	mg/m ³	fibres/ml	Category	Origin
67-63-0	Propan-2-ol	400	999		TWA (8 h)	WEL
		500	1250		STEL (15 min)	WEL

Additional advice on limit values

There are no DNEL/DMEL and PNEC values available.

8.2. Exposure controls

Protective and hygiene measures

Do not eat, drink, smoke or sneeze at the workplace. Protect skin by using skin protective cream.

Thorough skin-cleansing after handling the product.

Respiratory protection

Exceeding the workplace limit values, a suitable breathing apparatus must be worn. If there are no workplace limit values, sufficient measures have to be taken in case of the formation of aerosol and fog.

Hand protection

Type of chemical protective gloves to choose depends on the concentration and quantity of dangerous substances as well as on work place specifications. In the cases of special applications, it is recommended to check the chemical resistance with the manufacturer of the gloves. Suitable material: NBR (Nitrile rubber).

Eye protection

Safety glasses with side shields.

Skin protection

To the workplace adapted usual working clothes.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	liquid
Colour:	black
Odour:	characteristic

Test method

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pH-Value: 7 - 9 ISO 976

Changes in the physical state

Boiling point: 100 °C

Flash point: >95 °C

Oxidizing properties

Not oxidizing.

Density: 1 - 1,2 g/cm³ ISO 3507**Solubility in other solvents**

Solubility in water: Miscible with water.

Viscosity / dynamic: 6000 mPa·s

9.2. Other information

No further information.

SECTION 10: Stability and reactivity**10.1. Reactivity**

No specific data related to reactivity available for this product or its ingredients.

10.2. Chemical stability

The product is stable.

10.3. Possibility of hazardous reactions

No dangerous reactions in case of intended use and storage in compliance with instructions.

10.4. Conditions to avoid

Protect from frost. Keep away from direct sunlight.

10.5. Incompatible materials

Not known.

10.6. Hazardous decomposition products

Decomposition under formation of: Carbon dioxide. Carbon monoxide. Other organic compounds.

SECTION 11: Toxicological information**11.1. Information on toxicological effects****Acute toxicity**

C.I. Pigment Black 7

Results: LD50 dermal species: Rabbit Dose: >3 g/kg

Results: LD50 oral species: Rat Dose: >15400 mg/kg

Isopropanol

Results: LD50 dermal species: Rabbit Dose: 12800 mg/kg

Results: LD50 oral species: Rat Dose: 5000 mg/kg

Irritation and corrosivity

Not available.

Sensitising effects

Not available.

Severe effects after repeated or prolonged exposure

Not available.

Carcinogenic/mutagenic/toxic effects for reproduction

Not available.

Additional information on tests

Not available.

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SECTION 12: Ecological information**12.1. Toxicity**

Prevent from getting into the soil, waters and sewerage. Product is biodegradable with difficulty.

C.I. Pigment Black 7

Results: LC50: species: Fish Exposure time: 96 hours

Isopropanol

Result: Acute LC50: 1400000 to 1950000 µg/l sea water species: Crustaceans - Crangon crangon

Exposure time: 48 hours

Result: Acute LC50: 4200000 µg/l fresh water species: Fish - Rasbora heteromorpha Exposure time: 96 hours

12.2. Persistence and degradability

Not available.

12.3. Bioaccumulative potential

Isopropanol

log Kow: 0,05

12.4. Mobility in soil

Not available.

12.5. Results of PBT and vPvB assessment

Not applicable.

12.6. Other adverse effects

No significant effects or critical hazards known.

SECTION 13: Disposal considerations**13.1. Waste treatment methods****Advice on disposal**

Disposal should be avoided or minimized.

Waste disposal according to official state regulations. Carry out a burning of hazardous waste according to official regulations.

Contaminated packaging

Disposal should be avoided or minimized.

Cleaned containers should be recycled.

SECTION 14: Transport information**Other applicable information**

The product is not subject to the national and international trade distribution by road, rail, air and sea.

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****National regulatory information**

Water contaminating class (D): 1 - slightly water contaminating

15.2. Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other information**Changes**

* Data changed from previous versions

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Abbreviations and acronyms

CLP = Regulation on Classification, Labelling and Packaging of substances and mixtures (CLP Regulation (EC) No 1272/2008 of the European Parliament and the Council
DNEL = Derived No Effect Level
DMEL = Derived Minimal Effect Level
PNEC = Predicted No Effect Concentration

Full text of R phrases referred to under Sections 2 and 3

11 Highly flammable.
36 Irritating to eyes.
67 Vapours may cause drowsiness and dizziness.

Full text of H statements referred to under Sections 2 and 3

H225 Highly flammable liquid and vapour.
H319 Causes serious eye irritation.
H336 May cause drowsiness or dizziness.

Further Information

The information contained herein is, to our knowledge, true and accurate and is given in good faith but no liability is accepted for any error or omission in this Standard or in connection with its use. Conditions of use and suitability of the product for particular uses are beyond our knowledge and control. All risks related to the use of the product are assumed by the user. Appropriate warnings and safe handling procedures are required by law to be provided to handlers and users. Alteration of this document is strictly prohibited. Except to the extent required by law, republication or transmission of this document, in whole or in part, is not permitted. H-A-N-GmbH with Carbon Black Tattoo Ink assumes no responsibility for the accuracy of information contained in this or any document which is not the most current available from an official Bullets Tattoo Ink distribution system.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)