



SAFETY DATA SHEET

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006

Issuing Date March 30, 2011

1. IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY

Product Code(s)	CM-488
Product Name	CM-488 BLUE
Substance or Preparation	Preparation
Recommended Use	Ink

Manufacturer:

Collins Ink Corporation
1201 Edison Drive
Cincinnati, Ohio 45216
PH: 513-948-9000
Info@collinsink.com

Contact for timely inquiries in regards to this product

Emergency Telephone Number Chemtrec 1-800-424-9300

2. HAZARDS IDENTIFICATION

According to present data no classification and labelling is required according to Directives 67/548/EEC or 1999/45/EC

Classification

Xi;R36

For the full text of the R phrases mentioned in this Section, see Section 16

Product Label Symbols

Xi - Irritant

Most Important Hazards

Irritating to eyes.

General Hazards

May cause skin and eye irritation.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	EC No.	REACH Reg. No.	CAS-No	Weight %	Classification
Copper, [29H,31H-phthalocyaninato(2-)-N29,N30,N31,N32]-, aminosulfonyl sulfo derivatives, sodium salts	EEC No. 291-001-7	Not available	90295-11-7	1 - 5	Xi;R41
Magenta Ink Jet Printing Material		Not available	NOT AVAILABLE	1 - 5	Xi;R36/38
Methyl alcohol	EEC No. 200-659-6	Not available	67-56-1	0.1 - <1	F;R11 T;R23/24/25 R39/23/24/25
Black Dye		Not available	NOT AVAILABLE	0.1 - <1	-

Note

Remaining components are either not hazardous or below threshold limits.

4. FIRST AID MEASURES

Eye Contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Call a physician immediately.
Skin Contact	Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes. If symptoms persist, call a physician.
Ingestion	Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Call a physician or Poison Control Center immediately. Drink 1 or 2 glasses of water.
Inhalation	Call a physician immediately. Move to fresh air in case of accidental inhalation of vapors. If breathing is irregular or stopped, administer artificial respiration. None under normal use. Get medical attention immediately if symptoms occur.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media	Use: Carbon dioxide (CO ₂). Dry chemical. Alcohol-resistant foam.
Special Exposure Hazards Arising from the Substance/Preparation Including Combustion Products and Gases	Thermal decomposition can lead to release of irritating and toxic gases and vapors.
Special Protective Equipment for Firefighters	Wear self-contained breathing apparatus and protective suit.

6. ACCIDENTAL RELEASE MEASURES

Environmental Precautions	Prevent further leakage or spillage if safe to do so. Prevent product from entering drains.
Personal Precautions	Refer to Section 8.
Methods for Cleaning up	Following product recovery, flush area with water. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal.
Other Information	Other Information.

7. HANDLING AND STORAGE

Handling

Wear personal protective equipment. Avoid contact with skin, eyes and clothing. Avoid breathing vapors or mists. Ensure adequate ventilation.

Storage

Keep containers tightly closed in a dry, cool and well-ventilated place.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Chemical Name	EU	The United Kingdom	France	Spain	Germany
Copper, [29H,31H-phthalocyaninato(2-)-N29,N30,N31,N32]-, aminosulfonyl sulfo derivatives, sodium salts 90295-11-7					
Magenta Ink Jet Printing Material NOT AVAILABLE					
Methyl alcohol 67-56-1	TWA: 200 ppm TWA: 260 mg/m ³	STEL: 250 ppm STEL: 333 mg/m ³ TWA: 200 ppm TWA: 266 mg/m ³ Skin	VME: 200 ppm VME: 260 mg/m ³ VLCT: 1000 ppm VLCT: 1300 mg/m ³	S* VLA-ED: 200 ppm VLA-ED; 266 mg/m ³ VLA-ED	MAK: 200 ppm MAK: 270 mg/m ³ Ceiling / Peak: 800 ppm Ceiling / Peak: 1080 mg/m ³ TWA: 200 ppm TWA: 270 mg/m ³
Black Dye NOT AVAILABLE					

Chemical Name	Austria	Switzerland	Poland	Norway	Ireland
Copper, [29H,31H-phthalocyaninato(2-)-N29,N30,N31,N32]-, aminosulfonyl sulfo derivatives, sodium salts 90295-11-7	STEL 0.4 STEL 4 MAK: 0.1				
Magenta Ink Jet Printing Material NOT AVAILABLE					
Methyl alcohol 67-56-1		STEL: 800 ppm STEL: 1040 mg/m ³	NDSch: 300 mg/m ³ NDS: 100 mg/m ³ Skin	TWA: 100 ppm TWA: 130 mg/m ³ Skin STEL: 150 ppm STEL: 162.5 mg/m ³	TWA: 200 ppm TWA: 260 mg/m ³ STEL: 250 ppm STEL: 310 mg/m ³ Skin
Black Dye NOT AVAILABLE					

Occupational Exposure Controls**Engineering Measures**

Ensure adequate ventilation, especially in confined areas. Showers. Eyewash stations.

Personal Protective Equipment**Respiratory Protection**

None required under normal usage.

Eye Protection

Safety glasses with side-shields. If splashes are likely to occur, wear:. Goggles.

Skin and Body Protection

Wear impervious gloves and/or clothing if needed to prevent contact with the material.

Hand Protection

Impervious gloves.

Hygiene Measures

Remove and wash contaminated clothing before re-use. Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

General Information

Physical State	Liquid	Appearance	Blue
Odor	Slight		
Important Health, Safety and Environmental Information			
Flash Point	> 100 °C	Method	Seta closed cup.
Boiling Point/Range		pH	9 - 11
Autoignition Temperature	>200 °C	Vapor Pressure	No information available
VOC Content	No information available	Viscosity	< 15 cps
Solubility	Miscible	Water Solubility	Soluble in water
Specific Gravity	0.9 - 1.1	Evaporation Rate	No information available
Vapor Density	Heavier than air		
		Flammability Limits in Air	No information available

Other Information

Melting Point/Range No information available.

10. STABILITY AND REACTIVITY

Stability Stable under recommended storage conditions.

Materials to Avoid Strong oxidizing agents.

Hazardous Decomposition Products Carbon oxides.

Hazardous Polymerization Hazardous polymerization does not occur.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity

Product Information The product itself has not been tested.

Inhalation Inhalation of vapors in high concentration may cause irritation of respiratory system.

Eye Contact There is no data available for this product. Contact with eyes may cause irritation.

Skin Contact May cause irritation. May discolor the skin.

Ingestion No known effect. May cause gastrointestinal discomfort if consumed in large amounts.

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Methyl alcohol	5628 mg/kg (Rat)	15800 mg/kg (Rabbit)	64000 ppm (Rat) 4 h 83.2 mg/L (Rat) 4 h

Chronic Toxicity

CM-488 BLUE

Carcinogenicity Contains no ingredient listed as a carcinogen.

Mutagenic Effects Contains: Black Dye. This material has tested positive in mutagenicity studies, however the relevance of these data to human health is uncertain.

Target Organ Effects No information available.

12. ECOLOGICAL INFORMATION**Ecotoxicity**

Not established.

Chemical Name	Toxicity to Algae	Toxicity to Fish	Microtox	Daphnia Magna (Water Flea)
Methyl alcohol		LC50 13500-17600 mg/L Lepomis macrochirus 96 h LC50 18-20 ml/L Oncorhynchus mykiss 96 h LC50 19500-20700 mg/L Oncorhynchus mykiss 96 h LC50= 28200 mg/L Pimephales promelas 96 h LC50> 100 mg/L Pimephales promelas 96 h	EC50 = 39000 mg/L 25 min EC50 = 40000 mg/L 15 min EC50 = 43000 mg/L 5 min	

Persistence and Degradability No information available

Bioaccumulative Potential No information available

Mobility No information available

Chemical Name	Log Pow
Methyl alcohol	= -0.77

13. DISPOSAL CONSIDERATIONS

Waste from Residues/Unused Products Dispose of in accordance with local regulations.

14. TRANSPORT INFORMATION

IATA Not regulated

15. REGULATORY INFORMATION**Labeling**

CM-488 BLUE

Symbol(s)

Xi - Irritant



R-phrases(s)

R36 - Irritating to eyes

WGK Classification

Chemical Name	Germany - Water Classification (VwVwS) - Annex 1
Methyl alcohol - 67-56-1	hazard class 1 - low hazard to waters

International Inventories

Chemical Name	TSCA	EINECS/ELI NCS	DSL/NDL	PICCS	ENCS	IECSC	AICS	KECL	NZIOC
Copper, [29H,31H-phthalocya ninato(2-)-N29,N30,N 31,N32]-, aminosulfonyl sulfo derivatives, sodium salts - 90295-11-7	Present	X	X	X		X	X	2002-3-2195	X
Methyl alcohol - 67-56-1	Present	X	X	X	(2)-201	X	X	KE-23193	X

Legend

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

EINECS/ELINCS - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances

DSL/NDL - Canadian Domestic Substances List/Non-Domestic Substances List

PICCS - Philippines Inventory of Chemicals and Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

AICS - Australian Inventory of Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

NZIoC - New Zealand Inventory of Chemicals

16. OTHER INFORMATION

Text of R phrases mentioned in Section 2

R41 - Risk of serious damage to eyes

R11 - Highly flammable

R36 - Irritating to eyes

R36/38 - Irritating to eyes and skin

R39/23/24/25 - Toxic: danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed

R23/24/25 - Toxic by inhalation, in contact with skin and if swallowed

Prepared By

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Revision Note

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Disclaimer

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

End of Safety Data Sheet