

SAFETY DATA SHEET	Page 1 of 8
	Revision:3
	Oct.14, 2016
Whiteboard Pen	

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND THE COMPANY/UNDERTAKING

Product name :Whiteboard Pen

Use of the substance/mixture: /

Company/undertaking identification: /

Company name: Ningbo Xiangfeng Imp. & Exp. Co., Ltd.

Supplier: Shanhai Puguang Ink

Contact person: Van Song

Address: #50,Jinji Road,Economic&Technical Development Zone,Xiaogang,Ningbo

Telephone number:+86-86228102

E-mail address: sales21@nbchengfeng.com.cn

Emergency telephone: +86-86229822

2. HAZARDS IDENTIFICATION

Classification of the substance/mixture according to directives 67/548/EEC or 1999/45/EC:

Symbol(s): Not available.

R –Phrase:Not available.

Describe the most adverse physicochemical,human health and environmental effects and symptoms relating to the uses and possible misuses of the substance or mixture that can reasonably be seen:

May cause irritating to eyes

3. COMPOSITION/INFORMATION ON INGREDIENTS

component	Concentration/%	EC NO.	CAS NO	Classification	GHSCLAS
ETHYLALCOHOL	84.52	200-578-6	64-17-5	F; R11	Flam. Liq. 2;H225
ISOPROPANOL	10	200-661-7	67-63-0	F; R11 Xi; R36,R67	Flam. Liq. 2;H225 Eye Irrit. 2;H319 STOT SE 3;H336
POLYVINYL RESIN	0.8	----	63148-65-2	----	----
DBS	0.2	----	109-43-3	----	----
CASTOOR OIL	0.3	----	8001-79-4	----	----
ATBC	0.5	----	77-90-7	----	----

SAFETY DATA SHEET	Page 2 of 8
	Revision:3
	Oct.14, 2016
Whiteboard Pen	

CARBON BLACK	3.68	----	1333-86-4	----	----
-----------------	------	------	-----------	------	------

4. FIRST AID MEASURES

Inhalation :

Seek medical treatment in case of complaints.

Skin contact :

Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.

Eye contact:

Immediately flush eyes with plenty of water for at least 15 minutes,occasionally lifting the upper and lower eyelids.

Ingestion :

It will not enter the body by this way.

Notes to Physician:

Show this safety data sheet to the doctor in attendance.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media:

In case of fire, use water, dry chemical, chemical foam, or alcohol-resistant foam.

Extinguishing media which shall not be used for safety reasons:

No information available.

Special exposure hazards arising from the substance or mixture itself ,combustion product, resulting gases:

Carbon monoxide, carbon dioxide

Special protective equipment for fire-fighters:

As in any fire, wear a self-contained breathing apparatus in pressure-demand, and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions :

Use proper personal protective equipment as indicated in Section 8.

Environmental precautions:

Do not allow material to be released to the environment without proper governmental permits.

Methods for cleaning up :

Sweep up, then place into a suitable container for disposal.

SAFETY DATA SHEET	Page 3 of 8
	Revision:3
	Oct.14, 2016
Whiteboard Pen	

7. HANDLING AND STORAGE

Handling:

Wash thoroughly after handling. Avoid contact with eyes.

Storage:

Store in a cool, dry place, away from heat source, fire.

Specific use(s):

No information available.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure limit values:

Component: Ethyl alcohol

European Union	The United Kingdom	France	Belgium	Spain
	TWA: 1000 ppm TWA; 1920 mg/m ³ TWA WEL - STEL: 3000 ppm STEL; 5760 mg/m ³ STEL	VME: 1000 ppm VME: 1900 mg/m ³ VLCT: 5000 ppm VLCT: 9500 mg/m ³	TWA: 1000 ppm TWA: 1907 mg/m ³	VLA-ED: 1000 ppm VLA-ED: 1910 mg/m ³
Italy	Portugal	The Netherlands	Finland	Denmark
	TWA: 1000 ppm	Skin STEL: 1900 mg/m ³ TWA: 260 mg/m ³	TWA: 1000 ppm TWA: 1900 mg/m ³ STEL: 1300 ppm STEL: 2500 mg/m ³	TWA: 1000 ppm TWA: 1900 mg/m ³
Austria	Switzerland	Poland	Norway	Ireland
STEL: 2000 ppm STEL: 3800 mg/m ³ MAK: 1000 ppm MAK: 1900 mg/m ³	STEL: 1000 ppm STEL: 1920 mg/m ³ MAK: 500 ppm MAK: 960 mg/m ³	NDS: 1900 mg/m ³	TWA: 500 ppm TWA: 950 mg/m ³	TWA: 1000 ppm TWA: 1900 mg/m ³

SAFETY DATA SHEET	Page 4 of 8
	Revision:3
	Oct.14, 2016
Whiteboard Pen	

Component :Isopropyl alcohol

European Union	The United Kingdom	France	Belgium	Spain
		VLCT: 400 ppm VLCT: 980 mg/m ₃	STEL: 500 ppm STEL: 1248 mg/m ₃ TWA: 997 mg/m ₃ TWA: 400 ppm	VLA-EC: 500 ppm VLA-EC: 1250 mg/m ₃ VLA-ED: 998 mg/m ₃ VLA-ED: 400 ppm
Italy	Portugal	The Netherlands	Finland	Denmark
	STEL: 400 ppm TWA: 200 ppm	TWA: 200 ppm TWA: 500 mg/m ₃ STEL: 620 mg/m ₃ STEL: 250 ppm	TWA: 200 ppm TWA: 490 mg/m ₃	
Austria	Switzerland	Poland	Norway	Ireland
STEL: 2000 mg/m ₃ STEL: 800 ppm MAK: 500 mg/m ₃ MAK: 200 ppm	STEL: 400 ppm STEL: 1000 mg/m ₃ MAK: 200 ppm MAK: 500 mg/m ₃	NDSch: 1200 mg/m ₃ NDS: 900 mg/m ₃	TWA: 100 ppm TWA: 245 mg/m ₃	TWA: 200 ppm

Exposure controls

Occupational exposure controls:Keep working environment good ventilation

Respiratory protection:Wear appropriate respirator

Hand protection:Wear appropriate protective gloves .

Eye protection:Wear safety glasses and chemical goggles if splashing is possible.

Hygiene measures:Wear appropriate overalls.

Environmental exposure controls: No information available.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	:	Solid
Appearance	:	Black/Green/Blue/Red
Odour	:	Alcohol Odor
pH	:	No data available.
Boiling point/boiling range	:	No data available.
Flash point	:	No data available.
Flammability(solid ,gas)	:	No data available.
Explosive properties	:	No data available.
Oxidising properties	:	No data available.
Vapour pressure	:	No data available.
Relative density	:	No data available.
Solubility	:	No data available.
Water solubility	:	No data available.
Partition coefficient: n-octanol / water	:	No data available.

SAFETY DATA SHEET	Page 5 of 8
	Revision:3
	Oct.14, 2016
Whiteboard Pen	

Viscosity : No data available.
 Vapour density : No data available.
 Evaporation rate : No data available.
 Other information : No data available.

10. STABILITY AND REACTIVITY

Chemical stability:

Stable under normal temperatures and pressures.

Hazardous Polymerization:

No information available.

Hazardous Reaction:

No information available.

Conditions to avoid:

Avoid high temperature conditions, fire, heat source, avoid contact with strong oxidizer

Materials to avoid:

strong oxidizer

Hazardous decomposition products :

carbon monoxide, carbon dioxide

11. TOXICOLOGICAL INFORMATION

Toxicokinetics, metabolism and distribution:

No information available.

Acute effects(acute toxicity, irritation and corrosivity):

Component:Ethyl alcohol

LD50 Oral 7060 mg/kg (Rat)

LC50 Inhalation 20000 ppm/10H (Rat)

Component: Isopropyl alcohol

LD50 oral 4396 mg/kg (Rat)

LD50 dermal 12800 mg/kg (Rat);12870 mg/kg (Rabbit)

LC50 Einatmen 72.6 mg/L (Rat) 4 h

Sensitisation:

No information available.

Repeated dose toxicity:

No information available.

SAFETY DATA SHEET	Page 6 of 8
	Revision:3
	Oct.14, 2016
Whiteboard Pen	

CMR effects(carcinogenity, mutagenicity and toxicity for reproduction):

No information available.

12. ECOLOGICAL INFORMATION

Ecotoxicity :

Component:Ethyl alcohol

Freshwater Fish Leucidus idus: LC50 =8.14 mg/L/48h

Microtox Photobacterium phosphoreum:EC50 =34634 mg/L/30 min ;Photobacterium phosphoreum:EC50 =35470 mg/L/5 min

Water Flea EC50 = 9268 mg/L/48h ;EC50 = 10800mg/L/24h

Component: Isopropyl alcohol

Freshwater Algae1000 mg/L EC50 > 72 h;1000 mg/L EC50 > 96 h

Freshwater Fish 1400000 µg/L LC50 96h;9640 mg/L LC50 96 h;11130 mg/L LC50 96 h

Water Flea 13299 mg/L EC50 = 48h

Mobility:

No information available.

Persistence and degradability:

No information available.

Bioaccumulative potential:

No information available.

Results of PBT assessment:

No information available.

Other adverse effects:

No information available.

13. DISPOSAL CONSIDERATIONS

Specify the appropriate methods of disposal of both the substance or mixture and any contaminated packaging:

Dispose of in a manner consistent with federal, state, and local regulations.

14. TRANSPORT INFORMATION

IMDG: Not regulated

ADR/RID: Not regulated

ICAO/IATA: Not regulated

SAFETY DATA SHEET	Page 7 of 8
	Revision:3
	Oct.14, 2016
Whiteboard Pen	

15. REGULATORY INFORMATION

Component :Ethyl alcohol

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
 EINECS/ELINCS - European Inventory Lists
 DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
 PICCS - Philippines Inventory of Chemicals and Chemical Substances
 ENCS - Japan Existing and New Chemical Substances
 CHINA - China Inventory of Existing Chemical Substances
 AICS - Inventory of Chemical Substances
 KECL - Existing and Evaluated Chemical Substances

Component: Isopropyl alcohol

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
 EINECS/ELINCS - European Inventory Lists
 DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
 PICCS - Philippines Inventory of Chemicals and Chemical Substances
 ENCS - Japan Existing and New Chemical Substances
 CHINA - China Inventory of Existing Chemical Substances
 AICS - Inventory of Chemical Substances
 KECL - Existing and Evaluated Chemical Substances

16. OTHER INFORMATION

R-phrases(s):

R11:Highly flammable

R36:Irritating to eyes

R67:Vapours may cause drowsiness and dizziness

Hazard Statement Code(s):

H225:Highly flammable liquid and vapour

H319:Causes serious eye irritation

H336:May cause drowsiness or dizziness

Sources of key data used to compile the data sheet :

European Chemicals Bureau

Sources of key data used to compile the data sheet :

European Chemicals Bureau

The contents and format of this SDS are in accordance with Directives 67/548/EEC,1999/45/EC,Regulation (EC) No 1907/2006 (REACH) Annex II .

SAFETY DATA SHEET	Page 8 of 8
	Revision:3
	Oct.14, 2016
Whiteboard Pen	

DISCLAIMER OF LIABILITY The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This MSDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS information may not be applicable.

End of document