

Section 1 Chemical Products and Company Confirmation

Product name: DP-370 C/M/Y/K Water-based color inks

Product No.: C (green) M (red) Y (yellow) K (black)

Section 2 Product composition and information

Component name	CAS No	Content
Organic Pigment	-	1%-8%
Propylene Glycol	57-55-6	10%-25%
Water - bone Polyurethane	-	10%-50%
Ethylene Glycol	107-21-1	1%-10%
Water	7732-18-5	20%-70%

SECTION 3 IDENTIFICATION OF HAZARDOUS COMPONENTS

Classification of hazardous substances: low level

Fire: no hazard, not easy to burn

Section 4 First Aid Methods

Recommendation: No harm, if there is discomfort, send to hospital for treatment.

Suction: no hazard.

Ingestion: No harm, if there is discomfort, send to hospital for treatment.

Skin: no harm, wash with soap and rinse with water.

Eye entry: rinse immediately with water and send to hospital for treatment.

Section 5 Fire Protection Measures

Fire extinguishing medium: non-flammable, use foam, dry powder fire extinguisher, carbon dioxide, remove the container from the fire source or use water spray to cool

Special fire prevention measures: respirator and safety eyepiece shall be equipped in the fire site.

Abnormal fire and explosion: no report on abnormal fire and explosion

Special hazard: combustion produces carbon dioxide/carbon monoxide and generally does not produce toxic gases.

Section 6. Methods to Reduce Accidents

Personal precautions: wear protective clothing to avoid contact with skin and eyes

Cleaning method: clean and ensure ventilation, isolate liquid and keep alert; small leakage can be absorbed by inert materials such as soil and sand.

Large leaks should be closed or placed in a suitable container as special waste

Environmental prevention: do not allow materials to enter the water supply and drainage pipeline. In case of large overflow, contact the first-aid service department.

Section 7 Transportation and Storage

Use prevention: Seal the container to ensure good ventilation and avoid contact with skin and eyes.

Storage prevention: seal the container at lower ambient temperature in dry place, storage temperature is 5-30°C, prevent overheating and direct sunlight, keep away from flame, acid, alkali and strong oxide

Section 8 Exposure Control and Personal Protection

Component name	CAS No	Content
Organic Pigment	-	1%-8%
Propylene Glycol	57-55-6	10%-25%
Water - bone Polyurethane	-	10%-50%
Ethylene Glycol	107-21-1	1%-10%
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Component Notes :OES = Occupational Exposure Criteria

Protective equipment:



Control method: Avoid dispersion.

Ventilation equipment: keep the construction environment ventilated, open site and good ventilation equipment as far as possible

Protective gloves: If you have to touch ink, always wear protective gloves.

Eye protection: goggles and protective equipment are recommended

Other protection: Wear suitable work clothes to prevent obvious contamination.

Daily work hygiene: Before changing shifts, eating, smoking and going to the bathroom, be sure to be clean and sanitary. When the clothes are wet, take off immediately, take off the contaminated clothes and use them again after cleaning. Select proper cleaning liquid to prevent skin injury or cracking. Do not eat or drink during work to avoid eating materials by mistake.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Status: Liquid Mixture

Color: C (green) M (red) Y (yellow) K (black)

Odor: Very small

Boiling point: greater than 100°C

Flash point: greater than 100°C

Self-ignition temperature: no data

Combustible temperature: no data

Relative density: uncertain

Water solubility: insoluble

Viscosity:(2-12 CPS)/25°C

Shelf life:6 months

Weather resistance:6 months

Recommended operating environment: temperature (20°C-30°C); humidity (40%-60%)

Storage temperature:5°C-30°C

SECTION 10 STABILITY AND CHEMICAL REACTIONS

Stability: the seal is stable under normal conditions, and will not be broken if used according to instructions.

Avoid contact with substances: strong oxides, strong acids, strong bases, avoid contact with air or oxygen

Polymer hazard: irrelevant

Avoid contact environment: freezing ice, direct contact with fire source.

Section 11 Toxicity Report

Inhalation: harmless

Skin contact: no harm, immediately wash with soapy water and wash with instructions

Eye contact: slight contact will irritate the eyes and cause eye damage. Rinse with clean water immediately. Seek medical advice immediately if you are unwell.

Ingestion: A small amount of oral ingestion is toxic and unwell. Seek medical advice immediately.

Section 12 Ecological Information

Flow dynamics: fully miscible with water

Bioaccumulation: No

Biological level: satisfaction level

Do not expose products to surface water, water sources and drainage systems

Section 13 Treatment

General/Cleaning: Handle products and packaging as per Section 6

Treatment method: products and contaminated packaging, according to local regulations, chemical residues are treated as special waste products.

Section 14 Transportation Information

General Information: N/A

Transport identification: no transport warning sign is required

Land transportation: OK ($0^{\circ}\text{C} > a < 50^{\circ}\text{C}$)

Transportation: Product transportation is subject to the regulations of transportation department, and can be transported by truck, sea and air. ($0^{\circ}\text{C} > a < 50^{\circ}\text{C}$) 

Information specified in Section 15

Supply Label: CMYK Ink

Hazard identification:

Hazard level:

Safety level:

- S-25 Avoid contact with eyes
- S-26 Rinse with water immediately after contact with eyes and ask for medical treatment
- S-28 Rinse with water immediately after contact with skin
- S -36/37/38 Wear suitable work clothes, goggles, face shield
- S -60 Materials and packaging containers must be positive or dangerous

Section 16 Additional Information

This information sheet is carefully prepared in accordance with official instructions.

The information in this sheet is only technical parameters and is not guaranteed to be accurate.

This information provides guidance on health and safety with respect to our understanding of the transportation, storage and use of products and does not apply to the use of special or non-standard products or to applications without instructions and advice.