



**Eye contact:**

Flush eyes with plenty of water for at least 15 minutes. Then get immediate medical attention.

**Ingestion:**

If swallowed, seek medical advice, and show the MSDS to the physician then.

[Ink quantity of refill(SXR-72-10) : about 0.22g]

## 5. FIRE-FIGHTING MEASURES

Fire and explosion measures : Slight fire hazard.

**Extinguishing media:**

Suitable : regular dry chemical, carbon dioxide, water, regular foam.

Large fires : Use regular foam or flood with fine water spray.

Fire fighting : Move container from fire area if it can be done without risk.  
Use extinguishing agents appropriate for surrounding fire.  
Avoid inhalation of material or combustion by-products.  
Stay upwind and keep out of low areas.

## 6. ACCIDENTAL RELEASE MEASURES

Personal precautions : Not available.

Environmental precautions : Do not wash away into shower or water way.

Methods for cleaning up : Take / Soak up with absorbent.

: In accordance with national, state and local regulations.

## 7. HANDLING AND STORAGE

Store and handle in accordance with all current regulations and standards.

Keep separated from incompatible substances.

**Handling:**

Technical measures : Don't swallow ink.  
: Don't shake.  
: Keep out of the reach of children.  
: Avoid contact with skin and eyes.

Precautions : Not available.

Safe handling advice : Not available.

**Storage:**

Technical measures : Keep away from oxidizing materials, ignition sources and high temperature.

Storage condition : Avoid direct sunlight.  
: Do not leave the products in high temperature space.  
: Recommended temperature: 0-30 C.

Incompatible products : (Information of components.)

oxidizing materials, organic peroxides	Glycol ether
strong oxidizers	Coloring agent / Additive
oxidizing materials	Resin / Polypropylene glycol

Packaging materials : Not applicable.

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## 8. EXPOSURE CONTROL / PERSONAL PROTECTION

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Engineering measures : Not required.

Control parameters (Information of components.)

OSHA	Not available.	
ACGIH	10mg/m <sup>3</sup> TWA(Nuisance dust)	Resin
EC	Not available.	

Personal protective equipment : Not required.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

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[ ] : Information of components.

Physical state and form : High viscous liquid.  
 Color : Red.  
 Odor : None odor.  
 pH : Not available.  
 Boiling point : Not available. [Glycol ether/ 174 C]  
 Melting point : Not available.  
 Flash point : Not available. [Glycol ether/ 68 C]  
 Autoignition temperature : Not available. [Glycol ether/ 395 C]  
 Explosion limits : Not applicable.  
 Density : Not available.  
 Vapor density (air=1) : Not available. [Glycol ether/ 4.1]  
 Solubility in water : Not available.  
 Evaporation rate : Not available.  
 Volatile : 50-53%

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## 10. STABILITY AND REACTIVITY

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Stability : Stability.

Hazardous reactions : Will not occur.

Conditions to avoid : Avoid heat, flames, sparks and other sources of ignition.  
 Avoid contact with incompatible materials.

Materials to avoid : (Information of components.)

oxidizing materials, organic peroxides	Glycol ether
strong oxidizers	Coloring agent / Additive
oxidizing materials	Resin / Polypropylene glycol

Hazardous decomposition products : (Information of components.)

oxides of carbon, water	common decomposition products
oxides of nitrogen, sulfur.	Coloring agent
toxic and/or hazardous gases, miscellaneous decomposition products.	Resin

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## 11. TOXICOLOGICAL INFORMATION

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(Information of components)

Acute toxicity

Ingestion LD50	4300mg/kg-Rat 50-200mg/kg-Rat ≥2000mg/kg-Rat >3000mg/kg-Rat 57000mg/kg-Rat	Glycol ether Coloring agent Coloring agent Resin Polypropylene glycol
Inhalation LC50	Not available.	
Skin LD50	>2000mg/kg ≥2000mg/kg-Rat	Glycol ether Coloring agent

Local effects

Irritant; eye

Resin

Chronic toxicity and long term toxicity

: Not available.

Signs and Symptoms of overexposure and aggravated by exposure

Inhalation	irritation	Resin
Skin contact	inflammation	Glycol ether
	irritation	Coloring agent / Resin /
Eye contact	irritation	Glycol ether / Coloring agent /
		Resin / Polypropylene glycol
Ingestion	nausea, vomiting	Polypropylene glycol

Specific effects

Not available.

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## 12. ECOLOGICAL INFORMATION

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Not available.

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## 13. DISPOSAL CONSIDERATIONS

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Waste from residues : Disposal in accordance with all current regulations and standards.

Contaminated packaging : Not applicable.

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## 14. TRANSPORT INFORMATION

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HS Code : 960810

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## 15. REGULATORY INFORMATION

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Regulations (Information of components)

Hazardous chemicals (OSHA HCS) : Not restricted.

EU labeling : Not restricted.

CANADA Hazardous Products Act - Ingredient Disclosure List : Not restricted.

Hazard and safety information

Products are manufactured in accordance with ISO 8124-3 " Safety of Toys - Part 3"

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## 16. OTHER INFORMATION

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This sheet completes the technical sheet of use but it doesn't replace it.  
The information contained in this sheet are based knowledge of the products at the data : (August 4, 2010). They are given quite sincerely.  
Moreover the attention of the users is drawn on the risks possibly taken, when a product is used for other utilization than these which it is intended.