Safety data sheet for chemical products

1. PRODUCT AND COMPANY IDENTIFICATION

Product name: SXN-217 Black [JETSTREAM]
Manufacture's name: MITSUBISHI PENCIL CO., LTD.
Address: 5-23-37, HIGASHIOHI, SHINAGAWA, TOKYO, JAPAN
Telephone number: 03-3458-6281
Telefax number: 03-3450-0363
Telex number: 2422337 MBPENC J.
Creation Date: July 21, 2006
Revision Date: October 03, 2011
File No.: 061276A Rev. 2.5.01.03

2. COMPOSITION/INFORMATION ON INGREDIENTS

The chemical product is a substance or a preparation: Preparation

<table>
<thead>
<tr>
<th>Chemical nature</th>
<th>Component parts</th>
<th>CAS No.</th>
<th>TSCA</th>
<th>EINECSNo.</th>
<th>Concentration range (wt%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Glycol ether</td>
<td>Registered</td>
<td>56539-66-3</td>
<td>Registered</td>
<td>2602524</td>
<td>50-80</td>
</tr>
<tr>
<td>Additives</td>
<td>Registered</td>
<td></td>
<td>Registered</td>
<td></td>
<td>10-30</td>
</tr>
<tr>
<td>Coloring agents</td>
<td>Registered</td>
<td></td>
<td>Registered</td>
<td></td>
<td>10-30</td>
</tr>
<tr>
<td>Carbon Black</td>
<td>Registered</td>
<td>1333-86-4</td>
<td>Registered</td>
<td>2156099</td>
<td>&lt;10</td>
</tr>
<tr>
<td>Resins</td>
<td>Registered</td>
<td></td>
<td>Registered</td>
<td>Polymer</td>
<td>&lt;10</td>
</tr>
<tr>
<td>Polypropylene glycol</td>
<td>Registered</td>
<td>25322-69-4</td>
<td>Registered</td>
<td>Polymer</td>
<td>&lt;10</td>
</tr>
</tbody>
</table>

Other parts: Other parts are excluded from 'chemical substances'.

3. HAZARDS IDENTIFICATION

Most important hazards: Not available.
Specific hazards: Information of components.

<Additive>
PHYSICAL HAZARDS: Dust/air mixtures may ignite or explode.

<Coloring agent>
MAJOR HEALTH HAZARDS: harmful if swallowed, eye irritation
PHYSICAL HAZARDS: Dust/air mixtures may ignite or explode.

<Carbon Black>
MAJOR HEALTH HAZARDS: suspect cancer hazard (in animals)
PHYSICAL HAZARDS: Dust/air mixtures may ignite or explode.

<Resin>
MAJOR HEALTH HAZARDS: eye irritation
PHYSICAL HAZARDS: Dust/air mixtures may ignite or explode.
4. FIRST-AID MEASURES

Inhalation:
Not applicable.
(Due to its low vapor pressure. Inhalation is unlikely at room temperature.)

Skin contact:
Wash skin with soap and water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention, if needed. Thoroughly clean and dry contaminated clothing and shoes before reuse.

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-7) : about 300mg]

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
Safe handling advice : Not available.

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

- SZN-217 Black -
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
- oxidizing materials, strong oxidizers: Additive
- oxidizing materials: Coloring agent / Resin / Polypropylene glycol
- oxidizing materials, halogens: Carbon Black

Packaging materials: Not applicable.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

Engineering measures: Not required.

Control parameters (Information of components.)

<table>
<thead>
<tr>
<th>OSHA</th>
<th>3.5mg/m³ TWA</th>
<th>Carbon Black</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACGIH</td>
<td>3.5mg/m³ TWA</td>
<td>Carbon Black</td>
</tr>
<tr>
<td></td>
<td>10mg/m³ TWA</td>
<td>Resin</td>
</tr>
<tr>
<td>EC</td>
<td>3.5mg/m³ TWA</td>
<td>Carbon Black</td>
</tr>
</tbody>
</table>

Personal protective equipment: Not required.

9. PHYSICAL AND CHEMICAL PROPERTIES

- Physical state: Liquid.
- Color: Black.
- Odor: None odor.
- pH: Not applicable.
- Boiling point: Not available. [Glycol ether/ 174°C]
- Melting point: <-20°C
- Flash point: Not available. [Glycol ether/ 68°C]
- Autoignition temperature: Not available. [Polypropylene glycol/ 201°C]
- Explosion limits: Not applicable.
  [Lower flammable limit / 1.2%, Upper flammable limit / 13.1% <Glycol ether>]
- Density: Not available.
- Vapor density (air=1): Not available. [Glycol ether/ 4.1]
- Solubility in water: Not available.
- Evaporation rate: Not available.
- Volatile: 52-55%

10. STABILITY AND REACTIVITY

- 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
- oxidizing materials, strong oxidizers
- oxidizing materials
- oxidizing materials, halogens

Hazardous decomposition products : (Information of components.)
- oxides of carbon, water
- miscellaneous decomposition products.
- oxides of nitrogen, carbon, halogenated compounds.
- miscellaneous decomposition products.
- carbon monoxide, carbon dioxide, organic products of decomposition, sulphoxides.

### 11. TOXICOLOGICAL INFORMATION

(Information of components)

#### Acute toxicity

<table>
<thead>
<tr>
<th>Ingestion</th>
<th>LD50</th>
<th>Inhaling</th>
<th>LC50</th>
<th>Skin LD50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ingestion</td>
<td>4300mg/kg-Rat</td>
<td>Glycol ether</td>
<td>413mg/kg-Rat</td>
<td>Coloring agent</td>
</tr>
<tr>
<td>Ingestion</td>
<td>75mg/kg-Rabbit</td>
<td>Coloring agent</td>
<td>105mg/kg-Mouse</td>
<td>Coloring agent</td>
</tr>
<tr>
<td>Ingestion</td>
<td>&gt;8000mg/kg-Rat</td>
<td>Color agent</td>
<td>&gt;5000mg/kg-Rat</td>
<td>Resin</td>
</tr>
<tr>
<td>Ingestion</td>
<td>&gt;5000mg/kg-Rat</td>
<td>Additive</td>
<td>57000mg/kg-Rat</td>
<td>Polypropylene glycol</td>
</tr>
<tr>
<td>Inhalation</td>
<td>Not available.</td>
<td>Polypropylene glycol</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Skin LD50</td>
<td>&gt;2000mg/kg</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### Local effects
- Irritant: eye
- Irritant: inhalation, skin

#### Chronic toxicity and long term toxicity
- Lungs may be affected by repeated or prolonged exposure at very high concentrations. Respiratory disorders.

#### Signs and Symptoms of overexposure and aggravated by exposure

<table>
<thead>
<tr>
<th>Inhalation</th>
<th>Irritation, respiratory allergies</th>
<th>Additive</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skin contact</td>
<td>irritation</td>
<td>Carbon Black / Resin</td>
</tr>
<tr>
<td>Eye contact</td>
<td>irritation</td>
<td>Polypropylene glycol</td>
</tr>
<tr>
<td>Eye contact</td>
<td>irritation, conjunctivitis</td>
<td>Coloring agent</td>
</tr>
<tr>
<td>Eye contact</td>
<td>mechanical irritation, discoloration of lids</td>
<td>Carbon Black</td>
</tr>
<tr>
<td>Ingestion</td>
<td>Nausea, vomiting</td>
<td>Coloring agent / Polypropylene glycol</td>
</tr>
</tbody>
</table>

- SXM-217 Black -
12. ECOLOGICAL INFORMATION

Not available.

13. DISPOSAL CONSIDERATIONS

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

Contaminated packaging: Not applicable.

14. TRANSPORT INFORMATION

HS Code: 960810

15. REGULATORY INFORMATION

Regulations (Information of components)

Hazardous chemicals (OSHA HCS): Carbon Black

EU labeling

Xi:R36/38: Resin

CANADA Hazardous Products Act · Ingredient Disclosure List

1%over: Carbon Black

Hazard and safety information

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

16. OTHER INFORMATION

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: (October 03, 2011). 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.
Safety data sheet for chemical products

1. PRODUCT AND COMPANY IDENTIFICATION

Product name: SXN-217 Red [ JETSTREAM ]

Manufacture's name: MITSUBISHI PENCIL CO., LTD.
Address: 5-23-37, HIGASHIOHI, SHINAGAWA, TOKYO, JAPAN
Telephone number: 03-3458-6281 Telefax number: 03-3450-0363
Telex number: 2422337 MBPENC J.

Creation Date: July 21, 2006
Revision Date: October 03, 2011
File No.: 061278A Rev. 2.5.03.03

2. COMPOSITION/INFORMATION ON INGREDIENTS

The chemical product is a substance or a preparation: Preparation

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<th>Chemical nature:</th>
<th>Component parts</th>
<th>Ink</th>
<th>EINECSNo.</th>
<th>Concentration range (wt%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemical or generic name</td>
<td>CAS No.</td>
<td>TSCA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Glycol ether</td>
<td>56539-66-3</td>
<td>Registered</td>
<td>2602524</td>
<td>50-80</td>
</tr>
<tr>
<td>Coloring agents</td>
<td>Registered</td>
<td>Registered</td>
<td>Registered</td>
<td>10-30</td>
</tr>
<tr>
<td>Additives</td>
<td>Registered</td>
<td>Registered</td>
<td>Registered</td>
<td>10-30</td>
</tr>
<tr>
<td>Resins</td>
<td>Registered</td>
<td>Registered</td>
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<td>&lt;10</td>
</tr>
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<td>Polypropylene glycol</td>
<td>25322-69-4</td>
<td>Registered</td>
<td>Polymer</td>
<td>&lt;10</td>
</tr>
</tbody>
</table>

Other parts: Other parts are excluded from 'chemical substances'.

3. HAZARDS IDENTIFICATION

Most important hazards: Not available.
Specific hazards: Information of components.

<Coloring agent>
MAJOR HEALTH HAZARDS: harmful if swallowed, skin irritation, eye irritation
PHYSICAL HAZARDS: Dust/air mixtures may ignite or explode.

<Additive>
PHYSICAL HAZARDS: Dust/air mixtures may ignite or explode.

<Resin>
MAJOR HEALTH HAZARDS: eye irritation
PHYSICAL HAZARDS: Dust/air mixtures may ignite or explode.
4. FIRST-AID MEASURES

Inhalation:  
Not applicable.  
(Due to its low vapor pressure. Inhalation is unlikely at room temperature.)

Skin contact:  
Wash skin with soap and water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention, if needed. Thoroughly clean and dry contaminated clothing and shoes before reuse.

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-7) : about 300mg]

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.  
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.
8. EXPOSURE CONTROL / PERSONAL PROTECTION

Engineering measures : Not required.

Control parameters (Information of components.)

<table>
<thead>
<tr>
<th>OSHA</th>
<th>Not available.</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACGIH</td>
<td>10mg/m3 TWA</td>
</tr>
<tr>
<td>EC</td>
<td>Not available.</td>
</tr>
</tbody>
</table>

Personal protective equipment : Not required.

9. PHYSICAL AND CHEMICAL PROPERTIES

[ ] : Information of components.

Physical state : Liquid.
Color : Red.
Odor : None odor.
pH : Not applicable.
Boiling point : Not available. [Glycol ether/ 174 C]
Melting point : <-20 C
Flash point : Not available. [Glycol ether/ 68 C]
Autoignition temperature : Not available. [Glycol ether/ 395 C]
Explosion limits : Not applicable.

[ Lower flammable limit / 1.2% , Upper flammable limit / 13.1% <Glycol ether> ]

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%
10. STABILITY AND REACTIVITY

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
- oxidizing materials
- oxidizing materials, strong oxidizers

Hazardous decomposition products : (Information of components.)
- oxides of carbon, water
- oxides of nitrogen, carbon, halogenated compounds
- miscellaneous decomposition products.

11. TOXICOLOGICAL INFORMATION

(Information of components)

Acute toxicity

| Ingestion LD50 | 4300mg/kg·Rat | Glycol ether |
|               | 400mg/kg·Rat (approximation Exciton) | Coloring agent |
|               | >5000mg/kg·Rat | Resin |
|               | 57000mg/kg·Rat | Polypropylene glycol |
| Inhalation LC50 | Not available. |
| Skin LD50 | >2000mg/kg |
|            | ≥ 2000mg/kg·Rat | Glycol ether |
|            |                    | Coloring agent |

Local effects
- Irritant/skin, eye
- Irritant/eye

Chronic toxicity and long term toxicity
Not available.

Signs and Symptoms of overexposure and aggravated by exposure

| Inhalation | irritation, respiratory allergies | Additive |
|           | irritation | Resin |
| Skin contact | inflammation | Glycol ether |
|             | irritation, red staining | Coloring agent |
|             | irritation, erosion | Additive |
|             | irritation | Resin / Polypropylene glycol |
| Eye contact | irritation | Glycol ether / Coloring agent / Additive |
|             | | Resin / Polypropylene glycol |
| Ingestion | nausea, vomiting | Polypropylene glycol |

Specific effects
- IARC Group 3
- Coloring agent
12. ECOLOGICAL INFORMATION

Not available.

13. DISPOSAL CONSIDERATIONS

Waste from residues : Disposal in accordance with all current regulations and standards.
Contaminated packaging : Not applicable.

14. TRANSPORT INFORMATION

HS Code : 960810

15. REGULATORY INFORMATION

Regulations (Information of components)

Hazardous chemicals (OSHA HCS) : Not restricted.

EU labeling
25%≦Xn:R22 : Coloring agent
Xi:R36/38 : Resin

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"

16. OTHER INFORMATION

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 : (October 03, 2011). 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.
Safety data sheet for chemical products

1. PRODUCT AND COMPANY IDENTIFICATION

Product name: SXN-217 Blue [JETSTREAM]

Manufacture's name: MITSUBISHI PENCIL CO.,LTD.
Address: 5-23-37, HIGASHIOHI, SHINAGAWA, TOKYO, JAPAN
Telephone number: 03-3458-6281
Telex number: 2422337 MBPENC J.
Creation Date: July 21, 2006
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2. COMPOSITION/INFORMATION ON INGREDIENTS

The chemical product is a substance or a preparation: Preparation

Chemical nature:

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<tr>
<th>Chemical or generic name</th>
<th>Component parts</th>
<th>TSCA</th>
<th>EINECS</th>
<th>Concentration range (wt%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Glycol ether</td>
<td>56539-66-3</td>
<td>Registered</td>
<td>2602524</td>
<td>50-80</td>
</tr>
<tr>
<td>Additives</td>
<td>Registered</td>
<td>Registered</td>
<td>Registered</td>
<td>10-30</td>
</tr>
<tr>
<td>Coloring agents</td>
<td>Registered</td>
<td>Registered</td>
<td>Registered</td>
<td>&lt;10</td>
</tr>
<tr>
<td>Resins</td>
<td>Registered</td>
<td>Registered</td>
<td>Polymer</td>
<td>&lt;10</td>
</tr>
<tr>
<td>Polypropylene glycol</td>
<td>25322-69-4</td>
<td>Registered</td>
<td>2003380</td>
<td>&lt;10</td>
</tr>
<tr>
<td>1,2-Propanediol</td>
<td>57-55-6</td>
<td>Registered</td>
<td>2156099</td>
<td>&lt;1</td>
</tr>
<tr>
<td>Carbon Black</td>
<td>1333-86-4</td>
<td>Registered</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Other parts: Other parts are excluded from 'chemical substances'.

3. HAZARDS IDENTIFICATION

Most important hazards: Not available.
Specific hazards: Information of components.

<Additive / Coloring agent>
PHYSICAL HAZARDS: Dust/air mixtures may ignite or explode.

<Resin>
MAJOR HEALTH HAZARDS: eye irritation
PHYSICAL HAZARDS: Dust/air mixtures may ignite or explode.

<Carbon Black>
MAJOR HEALTH HAZARDS: suspect cancer hazard (in animals)
PHYSICAL HAZARDS: Dust/air mixtures may ignite or explode.

* SXN-217 Blue *
4. FIRST-AID MEASURES

Inhalation:
Not applicable.
(Due to its low vapor pressure. Inhalation is unlikely at room temperature.)

Skin contact:
Wash skin with soap and water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention, if needed. Thoroughly clean and dry contaminated clothing and shoes before reuse.

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-7) : about 300mg

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.
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
- oxidizing materials, strong oxidizers: Additive
- oxidizing materials: Coloring agent / Resin / Polypropylene glycol
- acids, bases, combustible materials, halo carbons, metals, metal salts, oxidizing materials, reducing agents: 1,2-Propanediol
- oxidizing materials, halogens: Carbon Black

Packaging materials: Not applicable.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

Engineering measures: Not required.

Control parameters (Information of components.)

<table>
<thead>
<tr>
<th></th>
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<td></td>
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<td></td>
<td></td>
<td></td>
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</tr>
</tbody>
</table>

Personal protective equipment: Not required.

9. PHYSICAL AND CHEMICAL PROPERTIES

[ ]: Information of components.

Physical state: Liquid.
Color: Blue.
Odor: None odor.
pH: Not applicable.
Boiling point: Not available. [Glycol ether/ 174 C]
Melting point: <-20 C
Flash point: Not available. [Glycol ether/ 68 C]
Autoignition temperature: Not available. [Polypropylene glycol/ 201 C]
Explosion limits: Not applicable.

[ Lower flammable limit / 1.2% , Upper flammable limit / 13.1% <Glycol ether> ]

Density: Not available.
Vapor density (air=1): Not available. [Glycol ether/ 4.1]
Solubility in water: Not available.
Evaporation rate: Not available.
Volatile: 51-54%
10. STABILITY AND REACTIVITY

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
- oxidizing materials, strong oxidizers
- acids, bases, combustible materials, halo carbons, metals, metal salts, oxidizing materials, reducing agents
- oxidizing materials, halogens

Hazardous decomposition products : (Information of components.)
- oxides of carbon, water
- miscellaneous decomposition products
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11. TOXICOLOGICAL INFORMATION

(Information of components)

Acute toxicity

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<td></td>
<td>Resin</td>
<td>Polypropylene glycol</td>
</tr>
<tr>
<td>57000mg/kg-Rat</td>
<td></td>
<td>Polypropylene glycol</td>
<td>1,2-Propanediol</td>
</tr>
<tr>
<td>20000mg/kg-Rat</td>
<td></td>
<td>1,2-Propanediol</td>
<td>Carbon Black</td>
</tr>
<tr>
<td>&gt;8000mg/kg-Rat</td>
<td></td>
<td>Carbon Black</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Inhalation</th>
<th>LC50</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Not available.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Skin</th>
<th>LD50</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Glycol ether</td>
<td></td>
</tr>
<tr>
<td>&gt;2000mg/kg</td>
<td></td>
<td>Glycol ether</td>
<td></td>
</tr>
<tr>
<td>20800mg/kg-Rabbit</td>
<td></td>
<td>1,2-Propanediol</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Local effects</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Irritant:eye</td>
<td>Resin</td>
<td></td>
</tr>
<tr>
<td>Irritant:inhalation, skin</td>
<td>Carbon Black</td>
<td></td>
</tr>
</tbody>
</table>
Chronic toxicity and long term toxicity
Repeted or prolonged contact may cause skin sensitization / Mutagenic; positive
Lungs may be affected by repeated or prolonged exposure at very high concentrations. Respiratory disorders.

Signs and Symptoms of overexposure and aggravated by exposure

<table>
<thead>
<tr>
<th>Inhalation</th>
<th>Irritation, respiratory allergies</th>
<th>1,2-Propanediol</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Nausea, headache</td>
<td>Carbon Black</td>
</tr>
<tr>
<td>Skin contact</td>
<td>Inflammation</td>
<td>Glycol ether</td>
</tr>
<tr>
<td></td>
<td>Irritation, erosion</td>
<td>Additive</td>
</tr>
<tr>
<td></td>
<td>Irritation</td>
<td>Coloring agent / Resin</td>
</tr>
<tr>
<td></td>
<td>Irritation, allergic reaction</td>
<td>Polypropylene glycol / Carbon Black</td>
</tr>
<tr>
<td>Eye contact</td>
<td>Irritation</td>
<td>Glycol ether / Additive</td>
</tr>
<tr>
<td></td>
<td>Irritation, pain</td>
<td>Coloring agent / Resin</td>
</tr>
<tr>
<td></td>
<td>Mechanical</td>
<td>Polypropylene glycol</td>
</tr>
<tr>
<td></td>
<td>Irritation, discoloration of lids</td>
<td>1,2-Propanediol</td>
</tr>
<tr>
<td>Ingestion</td>
<td>Laxative effect, dark-colored urine</td>
<td>Coloring agent</td>
</tr>
<tr>
<td></td>
<td>Nausea, vomiting</td>
<td>Polypropylene glycol</td>
</tr>
<tr>
<td></td>
<td>Allergic reaction, vomiting</td>
<td>1,2-Propanediol</td>
</tr>
</tbody>
</table>

Specific effects: IARC Group 2B

12. ECOLOGICAL INFORMATION
Not available.

13. DISPOSAL CONSIDERATIONS
Waste from residues: Disposal in accordance with all current regulations and standards.
Contaminated packaging: Not applicable.

14. TRANSPORT INFORMATION
HS Code: 960810

- SXN-217 Blue -
15. REGULATORY INFORMATION

Regulations (Information of components)

Hazardous chemicals (OSHA HCS) : Carbon Black

EU labeling
Xi;R36/38 : Resin

CANADA Hazardous Products Act · Ingredient Disclosure List
1%over : 1,2-Propanediol / Carbon Black

Hazard and safety information
Products are manufactured in accordance with ISO 8124-3 "Safety of Toys · Part 3"

16. OTHER INFORMATION

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 : (October 03, 2011). 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.