

Safety data sheet for chemical products

1. PRODUCT AND COMPANY IDENTIFICATION

Product name: **SX-210 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.
 Prepared by : KAZUHIRO OYAIZU

Creation Date : July 28, 2003
 Revision Date : April 6, 2004
 File No. : 061238A Rev. 2.3.01.02

2. COMPOSITION/INFORMATION ON INGREDIENTS

The chemical product is a substance or a preparation : Preparation

Chemical nature:

Component parts : Ink

Chemical or generic name	CAS No.	TSCA	EINECSNo.	Concentration range (wt%)
1-Butanol, 3-methoxy-3-methyl-	56539-66-3	Registered	2602524	49- 52
Violet dyestuff 1	Registered	Registered	Registered	14- 17
Resin 1	Registered	Registered	polymer	9- 12
Carbon Black	1333-86-4	Registered	2156099	4- 7
Violet dyestuff 2	Registered	Registered	Registered	4- 7
Additive	Registered	Registered	polymer	2- 5
Ethanol, 2-(2-butoxyethoxy)-	112-34-5	Registered	2039616	2- 5
Resin 2	Registered	Registered	polymer	2- 5
Yellow dyestuff	Registered	Registered	Registered	1- 4
Polypropylene glycol	25322-69-4	Registered	5000398	1- 4
2-Phenoxyethanol	122-99-6	Registered	2045897	<2

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

3. HAZARDS IDENTIFICATION

Most important hazards : Not available.

Specific hazards : Information of components.

<Carbon Black>

MAJOR HEALTH HAZARDS: suspect cancer hazard (in animals)

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-C1) : 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 : 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.
: Recap after use.
: 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	1-Butanol, 3-methoxy-3-methyl- / Resin 2 / Polypropylene glycol / 2-Phenoxyethanol
strong oxidizers	Violet dyestuff 1 / Resin 1
oxidizing materials, halogens	Carbon Black
strong oxidizers, acids, bases, oxidizing materials, strong acids, strong bases	Ethanol, 2-(2-butoxyethoxy)-

Packaging materials : Not applicable.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

Engineering measures : Not required.

Control parameters (Information of components.)

OSHA	3.5mg/m3	Carbon Black
ACGIH	3.5mg/m3(total dust) 10mg/m3(Nuisance dust)	Carbon Black Resin 2
EC	3.5mg/m3	Carbon Black
DFG	100 mg/m3 MAK (peak limitation category - I, with excursion factor of 1)	Ethanol, 2-(2-butoxyethoxy)-
AIHA	10mg/m3 TWA (aerosol) 25ppm TWA (skin) [DOW CHEMICAL]	Polypropylene glycol 2-Phenoxyethanol

Personal protective equipment : Not required.

9. PHYSICAL AND CHEMICAL PROPERTIES

[] : Information of components.

Physical state and form : High viscous liquid.

Colour : Black.

Odour : None odour.

pH : Not applicable.

Boiling point : Not available. [1-Butanol, 3-methoxy-3-methyl-/ 174 C(760mmHg)]

Melting point : < -20 C

Flash point : Not available. [1-Butanol, 3-methoxy-3-methyl-/ 68 C(CC)]

Autoignition temperature : Not available. [Polypropylene glycol/ 201 C]

Explosion limits : Not available.
[Lower flammable limit / 0.8% , Upper flammable limit / 9.4% <Ethanol, 2-(2-butoxyethoxy)->]

Density : about 1.1 / 25 C

Vapour density (air=1) : Not available.

Solubility in water : Not available. [1-Butanol, 3-methoxy-3-methyl-/ Soluble]

Evaporation rate : Not available. [Ethanol, 2-(2-butoxyethoxy)-/ <0.01]

Volatile : 55-58%

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	1-Butanol, 3-methoxy-3-methyl- / Resin 2 / Polypropylene glycol / 2-Phenoxyethanol
strong oxidizers	Violet dyestuff 1 / Resin 1
oxidizing materials, halogens	Carbon Black
strong oxidizers, acids, bases, oxidizing materials, strong acids, strong bases	Ethanol, 2-(2-butoxyethoxy)-

Hazardous decomposition products : (Information of components.)

oxides of carbon, water	common decomposition products
toxic and/or hazardous gases	Resin 1
oxides of sulfur	Carbon Black
oxides of nitrogen	Violet dyestuff 2 / Yellow dyestuff
miscellaneous decomposition products	Resin 2

11. TOXICOLOGICAL INFORMATION

(Information of components)**Acute toxicity**

Ingestion LD50	4300mg/kg-Rat 300mg/kg<=a<500mg/kg-Rat >3000mg/kg-Rat >8000mg/kg-Rat 2200mg/kg-Rabbit >5000mg/kg-Rat 3900mg/kg-Rat 57000mg/kg-Rat 933mg/kg-Mouse	1-Butanol, 3-methoxy-3-methyl- Violet dyestuff 1 Resin 1 Carbon Black Ethanol, 2-(2-butoxyethoxy)- Resin 2 Yellow dyestuff Polypropylene glycol 2-Phenoxyethanol
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Inhalation LC50	Not available.	
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Skin LD50	>2000mg/kg 2700mg/kg-Rabbit, 4120mg/kg-Rat 5000ml/kg-Rabbit	1-Butanol, 3-methoxy-3-methyl- Ethanol, 2-(2-butoxyethoxy)- 2-Phenoxyethanol
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Local effects

irritant; inhalation, skin	Carbon Black
irritant; inhalation, skin, eye	Ethanol, 2-(2-butoxyethoxy)-
irritant; eye	Resin 2
corrosive; eye, irritant; inhalation, skin	2-Phenoxyethanol

Chronic toxicity and long term toxicity

Respiratory disorders.	Carbon Black
The liquid defats the skin. The substance may have effects on the blood.	Ethanol, 2-(2-butoxyethoxy)-

Signs and Symptos of overexposure and aggravated by exposure

Inhalation	irritation irritation,headache irritation,coughing	Carbon Black / Resin 2 Ethanol, 2-(2-butoxyethoxy)- 2-Phenoxyethanol
Skin contact	irritation irritation,redness	Violet dyestuff 1 / Carbon Black / Resin 2 / Yellow dyestuff Ethanol, 2-(2-butoxyethoxy)- / 2-

Eye contact	irritation mechanical irritation, discoloration of lids irritation,redness irritation,eye damage irritation,burns	Violet dyestuff 1 / Resin 2 / Yellow dyestuff Carbon Black Ethanol, 2-(2-butoxyethoxy)- Polypropylene glycol 2-Phenoxyethanol
Ingestion	nausea,vomiting sore throat,nausea	Ethanol, 2-(2-butoxyethoxy)- / Polypropylene glycol 2-Phenoxyethanol
Specific effects	IARC Group 2B	Carbon 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

20%<=Xi;R36

: Ethanol, 2-(2-butoxyethoxy)-

Xn;R22, Xi;R36

: 2-Phenoxyethanol

R22 : Harmful if swallowed.

R36 : Irritating to eyes.

CANADA Hazardous Products Act - Ingredient Disclosure List

1%over : Carbon Black / Ethanol, 2-(2-butoxyethoxy)- / 2-Phenoxyethanol

Hazard and safety information

Products are manufactured in accordance with European regulation EN71 part 3

Products are manufactured in accordance with ELV directive of EU.

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 : (April 06,2004). 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: SX-210 Blue [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.
 Prepared by : KAZUHIRO OYAIZU

Creation Date : July 28, 2003
 Revision Date : April 6, 2004
 File No. : 061239A Rev. 2.3.02.02

2. COMPOSITION/INFORMATION ON INGREDIENTS

The chemical product is a substance or a preparation : Preparation

Chemical nature:

Component parts : Ink

Chemical or generic name	CAS No.	TSCA	EINECSNo.	Concentration range (wt%)
1-Butanol, 3-methoxy-3-methyl-	56539-66-3	Registered	2602524	48- 51
Resin 1	Registered	Registered	polymer	12- 15
Polypropylene glycol	25322-69-4	Registered	5000398	8- 11
Blue dyestuff	Registered	Registered	Registered	6- 9
2-Phenoxyethanol	122-99-6	Registered	2045897	5- 8
Violet dyestuff 2	Registered	Registered	Registered	4- 7
Pigment Blue	Registered	Registered	Registered	4- 7
Resin 2	Registered	Registered	polymer	2- 5
Violet dyestuff 3	Registered	Registered	Registered	1- 4
Additive	Registered	Registered	polymer	1- 4

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

3. HAZARDS IDENTIFICATION

Most important hazards : Not available.

Specific hazards : Not available.

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-C1) : 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 : 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.
: Recap after use.
: 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 : 1-Butanol, 3-methoxy-3-methyl- / Pigment Blue /
Polypropylene glycol / 2-Phenoxyethanol / Resin 2

strong oxidizers : Resin 1

Packaging materials : Not applicable.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

Engineering measures : Not required.

Control parameters (Information of components.)

OSHA	Not available.	
ACGIH	10mg/m ³ (Nuisance dust)	Resin 2
EC	Not available.	
AIHA	10mg/m ³ TWA (aerosol)	Polypropylene glycol
	25ppm TWA (skin) [DOW CHEMICAL]	2-Phenoxyethanol

Personal protective equipment : Not required.

9. PHYSICAL AND CHEMICAL PROPERTIES

[] : Information of components.

Physical state and form : High viscous liquid.
 Colour : Blue.
 Odour : None odour.
 pH : Not applicable.
 Boiling point : Not available. [1-Butanol, 3-methoxy-3-methyl-/ 174 C(760mmHg)]
 Melting point : < -20 C
 Flash point : Not available. [1-Butanol, 3-methoxy-3-methyl-/ 68 C(CC)]
 Autoignition temperature : Not available. [Polypropylene glycol/ 201 C]
 Explosion limits : Not available.
 Density : about 1.1 / 25 C
 Vapour density (air=1) : Not available.
 Solubility in water : Not available. [1-Butanol, 3-methoxy-3-methyl-/ Soluble]
 Evaporation rate : Not available.
 Volatile : 63-66%

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 : 1-Butanol, 3-methoxy-3-methyl- / Pigment Blue /
 Polypropylene glycol / 2-Phenoxyethanol / Resin 2
 strong oxidizers : Resin 1

Hazardous decomposition products : (Information of components.)

oxides of carbon, water : common decomposition products
 toxic and/or hazardous gases : Resin 1
 oxides of nitrogen : Blue dyestuff / Violet dyestuff 2 / Pigment Blue
 miscellaneous decomposition products : Resin 2

11. TOXICOLOGICAL INFORMATION

(Information of components)

Acute toxicity

Ingestion LD50	4300mg/kg-Rat >3000mg/kg-Rat 57000mg/kg-Rat 933mg/kg-Mouse 2000mg/kg-Rat >5000mg/kg-Rat	1-Butanol, 3-methoxy-3-methyl-Resin 1 Polypropylene glycol 2-Phenoxyethanol Pigment Blue Resin 2
Inhalation LC50	Not available.	
Skin LD50	>2000mg/kg 5000ml/kg-Rabbit	1-Butanol, 3-methoxy-3-methyl-2-Phenoxyethanol

Local effects	corrosive; eye, irritant; inhalation, skin irritant; eye	2-Phenoxyethanol Resin 2
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Chronic toxicity and long term toxicity		Not available.
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Signs and Symptos of overexposure and aggravated by exposure

Inhalation	irritation,coughing irritation	2-Phenoxyethanol Pigment Blue / Resin 2
Skin contact	irritation,redness irritation	2-Phenoxyethanol Pigment Blue / Resin 2
Eye contact	irritation,eye damage irritation,burns irritation	Polypropylene glycol 2-Phenoxyethanol Pigment Blue / Resin 2
Ingestion	nausea,vomiting sore throat,nausea laxative effect, dark-colored urine	Polypropylene glycol 2-Phenoxyethanol Pigment Blue

Specific effects	Not available.
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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 rabeling

Xn;R22, Xi;R36 : 2-Phenoxyethanol

R22 : Harmful if swallowed.

R36 : Irritating to eyes.

CANADA Hazardous Products Act - Ingredient Disclosure Li

1%over : 2-Phenoxyethanol

Hazard and safety information

Products are manufactured in accordance with European regulation EN71 part 3

Products are manufactured in accordance with ELV directive of EU.

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 : (April 06,2004). 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: SX-210 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.
 Prepared by : KAZUHIRO OYAIZU

Creation Date : July 28, 2003
 Revision Date : April 6, 2004
 File No. : 061240A Rev. 2.3.02.02

2. COMPOSITION/INFORMATION ON INGREDIENTS

The chemical product is a substance or a preparation : Preparation

Chemical nature:

Component parts : Ink

Chemical or generic name	CAS No.	TSCA	EINECSNo.	Concentration range (wt%)
1-Butanol, 3-methoxy-3-methyl-	56539-66-3	Registered	2602524	52- 55
Resin 1	Registered	Registered	polymer	12- 15
Red dyestuff 1	Registered	Registered	Registered	10- 13
Polypropylene glycol	25322-69-4	Registered	5000398	6- 9
Pigment Red	Registered	Registered	Registered	4- 7
Yellow dyestuff	Registered	Registered	Registered	3- 6
Additive	Registered	Registered	polymer	2- 5
Resin 2	Registered	Registered	polymer	2- 5
Red dyestuff 2	Registered	Registered	Registered	1- 4

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

3. HAZARDS IDENTIFICATION

Most important hazards : Not available.

Specific hazards : Not available.

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-C1) : 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 : 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.
: Recap after use.
: 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 : 1-Butanol, 3-methoxy-3-methyl- /
Polypropylene glycol / Resin 2

strong oxidizers : Resin 1

Packaging materials : Not applicable.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

Engineering measures : Not required.

Control parameters (Information of components.)

OSHA	Not available.	
ACGIH	10mg/m3(Nuisance dust)	Resin 2
EC	Not available.	
AIHA	10mg/m3 TWA (aerosol)	Polypropylene glycol
JAIH	2mg/m3(Respirable fraction), 8mg/m3(Total dust)	Pigment Red

Personal protective equipment : Not required.

9. PHYSICAL AND CHEMICAL PROPERTIES

[] : Information of components.

Physical state and form	: High viscous liquid.
Colour	: Red.
Odour	: None odour.
pH	: Not applicable.
Boiling point	: Not available. [1-Butanol, 3-methoxy-3-methyl-/ 174 C(760mmHg)]
Melting point	: < -20 C
Flash point	: Not available. [1-Butanol, 3-methoxy-3-methyl-/ 68 C(CC)]
Autoignition temperature	: Not available. [Polypropylene glycol/ 201 C]
Explosion limits	: Not available.
Density	: about 1.1 / 25 C
Vapour density (air=1)	: Not available.
Solubility in water	: Not available. [1-Butanol, 3-methoxy-3-methyl-/ Soluble]
Evaporation rate	: Not available.
Volatile	: 59-62%

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	1-Butanol, 3-methoxy-3-methyl- / Polypropylene glycol / Resin 2
strong oxidizers	Resin 1

Hazardous decomposition products : (Information of components.)

oxides of carbon, water	common decomposition products
toxic and/or hazardous gases	Resin 1
oxides of nitrogen	Yellow dyestuff / Red dyestuff 2
miscellaneous decomposition products	Resin 2

11. TOXICOLOGICAL INFORMATION

(Information of components)

Acute toxicity		
Ingestion LD50	4300mg/kg-Rat >3000mg/kg-Rat 57000mg/kg-Rat ≥2000mg/kg-Rat 3900mg/kg-Rat >5000mg/kg-Rat 7200mg/kg-Rat	1-Butanol, 3-methoxy-3-methyl-Resin 1 Polypropylene glycol Pigment Red Yellow dyestuff Resin 2 Red dyestuff 2
Inhalation LC50	Not available.	
Skin LD50	>2000mg/kg ≥2000mg/kg-Rat	1-Butanol, 3-methoxy-3-methyl- Pigment Red
Local effects	irritant; eye	Resin 2
Chronic toxicity and long term toxicity		Not available.
Signs and Symptos of overexposure and aggravated by exposure		
Inhalation	irritation	Resin 2
Skin contact	irritation	Yellow dyestuff / Resin 2
Eye contact	irritation, eye damage irritation	Polypropylene glycol Yellow dyestuff / Resin 2 / Red dyestuff 2
Ingestion	nausea, vomiting	Polypropylene glycol
Specific effects	Not available.	

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 rabeling : Not restricted.

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

Hazard and safety information

Products are manufactured in accordance with European regulation EN71 part 3

Products are manufactured in accordance with ELV directive of EU.

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 : (April 06,2004). 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.