



Pony Testing International Group

Report No.: MZBIEJ1A01924716

MSDS Report

Sample Description

Upcera Coloring Liquid I

Applicant

Shenzhen Upcera Dental Technology Co., LTD

Address

5th Floor,Zhuyuan Building No.5 Kehua
Road,Science Indusrtly Park,Nanshan,Shenzhen



www.ponytest.com

Hotline 400-819-5688

Add: 北京市海淀区苏州街49-3
号盈智大厦
Tel: (010) 82618116

Add: 上海市徐汇区桂平路680号
35号楼4层
Tel: (021) 64851999

Add: 深圳市南山区创业路中兴
工业城6栋1层
Tel: (0755) 26050909

Add: 青岛市崂山区株洲路190
号6层
Tel: (0532) 88706866

Add: 天津市南开区红旗路赢寰
大厦10层
Tel: (022) 27360730

Add: 宁波市高新区新晖路150号
二期4号楼4层
Tel: (0574) 87734499

Add: 广州市海珠区敦和路189号
海珠科技园3号楼7层
Tel: (020) 89224310



Pony Testing International Group

Report No. : MZBIEJ1A01924716 Date: 01.16.2015 Page 1 of 10

Material Safety Data Sheet

Reference to ISO11014:2009

Section 1 - Chemical Product and Company Identification

Chemical product identification

Sample Description: Upcera Coloring Liquid I

Sample Model: N/A

Recommended Uses: Upcera Coloring Liquid I is a liquid used for the complete or partial coloration of milled Upcera zirconia substructure and anatomy before sintering

Restrictions on use: N/A

Supplier name: Liaoning Upcera Co., Ltd

Address: No.122 Xianghuai Road, Economic Development Zone, Benxi, Liaoning, P.R.C.

Phone number: 024-45565006

FAX: 024-45854457

E-mail: meng.xianzi@upcera.com.cn

Emergency phone number: 0755-86008635

Section 2 - Hazards Identification

Emergency overview: Irritant to eyes, respiratory system and skin.

Classification according to GHS

Skin corrosion/irritation (2)

Sensitisation, skin (1)

Serious eye damage/eye irritation (2A)

Specific target organ toxicity, single exposure; Respiratory tract irritation (3)

Acute toxicity, oral (4)

Label elements

Hazard pictogram(s):



Signal word:

Warning

Hazard statement(s):

H315 Causes skin irritation

H319 Causes serious eye irritation



Report No. : MZBIEJ1A01924716 Date: 01.16.2015 Page 2 of 10

Pony Testing International Group

Precautionary statement(s):**Prevention:**

P264 Wash ... thoroughly after handling.

P280 Wear protective gloves.

Response:

P302 + P352 IF ON SKIN: Wash with plenty water/...

P321 Specific treatment (see ... on this label)

P332 + P313 If skin irritation occurs: Get medical advice/attention.

P362 Take off contaminated clothing.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337 + P313 If eye irritation persists: Get medical advice/attention.

Disposal:

P501 Contents/container handling to approved waste treatment plants.

Environmental hazards: no relevant information.**Important symptoms:** See Section 11 for more information.**Emergency overview:** In case of accident or if you feel unwell, seek medical advice immediately. See Section 4 for more information.

Section 3 - Composition, Information on Ingredients

Chemical characterization: Mixture.

Component	CAS No.	EC#	In % By Weight
Iron chloride	10025-77-1	231-729-4	0~5
Neodymium nitrate	16454-60-7	233-153-9	0~10
Erbium chloride	10025-75-9	233-385-0	0~10
Manganese chloride	7773-01-5	231-869-6	0~1.5
Praseodymium nitrate	15878-77-0	233-796-5	0~2
Hydrochloric acid	7647-01-0	231-595-7	0~0.6
Ionized Water	7732-18-5	231-791-2	60.4~95%
Polyethylene glycol	25322-68-3	200-849-9	5~10%

www.ponytest.com

Hotline 400-819-5688



Pony Testing International Group

Report No. : MZBIEJ1A01924716 Date: 01.16.2015 Page 3 of 10

Section 4 - First Aid Measures

Description of first aid measures

General information Normal use does not require special measures , industrial production in the long term , refer to the following :

After eye contact

Wash out immediately with fresh running water.Ensure complete irrigation of the eye by keeping eyelids apart and away from eye and moving the eyelids by occasionally lifting the upper and lower lids.Seek medical attention without delay; if pain persists or recurs seek medical attention.Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.

After skin contact

Immediately remove all contaminated clothing, including footwear.Flush skin and hair with running water (and soap if available).Seek medical attention in event of irritation.

After inhalation

If fumes, aerosols or combustion products are inhaled remove from contaminated area.Other measures are usually unnecessary.

After swallowing

If vomiting occurs, lean patient forward or place on left side (head-down position, if possible) to maintain open airway and prevent aspiration.Observe the patient carefully.Never give liquid to a person showing signs of being sleepy or with reduced awareness; i.e. becoming unconscious.Give water to rinse out mouth, then provide liquid slowly and as much as casualty can comfortably drink. Seek medical advice.

Personal protective equipment for first-aid responders: Not available.

Most important symptoms/effects, acute and delayed: Not available.

Indication of immediate medical attention and special treatment needed:

Any material aspirated during vomiting may produce lung injury. Therefore emesis should not be induced mechanically or pharmacologically. Mechanical means should be used if it is considered necessary to evacuate the stomach contents; these include gastric lavage after endotracheal intubation. If spontaneous vomiting has occurred after ingestion, the patient should be monitored for difficult breathing, as adverse effects of aspiration into the lungs may be delayed up to 48 hours.

Section 5 - Fire Fighting Measures

www.ponytest.com

☎Hotline 400-819-5688



Pony Testing International Group

Suitable extinguishing media:

Use extinguishing agent suitable for local conditions and the surrounding environment .
Such as dry powder , CO2.

Unsuitable extinguishing media: Not available.

Specific Hazards arising from the chemical: Not available.

Specific protective actions for fire-fighters:

Protective equipment: Wear self-contained respirator. Wear fully protective impervious suit.

Section 6 - Accidental Release Measures

Normal use does not require special measures , industrial production in the long term , refer to the following :

Personal precautions:

Wear protective equipment. Keep unprotected persons away. Ensure adequate ventilation

Protective equipment:

No further relevant information available.

Emergency procedures:

Remove ignition sources, evacuate area. Sweep up using a method that does not generate dust. Collect as much of the spilled material as possible, placed the spilled material into a suitable disposal container. Keep spilled material out of sewers, ditches and bodies of water.

Environmental precautions:

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

Methods and materials for containment and cleaning up:

All waste must refer to the United Nations, the national and local regulations for disposal.

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

Section 7 - Handling and Storage

Normal use does not require special measures , industrial production in the long term , refer to the following :

Precautions for safe handling:

Storage in a cold, dry, well ventilated environment. Store away from food and water supplies. Wash your hands thoroughly before and ate and drank. Storage of chemicals



Pony Testing International Group

needed to prevent the generation and accumulation of static electricity when handling the container. Stay away from taboo, such as strong oxidizing agents.

Information about fire and explosion protection

The product is non-flammable.

Conditions for safe storage, including any incompatibilities:

Requirements to be met by storerooms and receptacles

Store in a cool place. Keep container closed, store in a dry and ventilated place.

Information about storage in one common storage facility

Moisture absorption.

Further information about storage conditions

Keep container tightly sealed.

Specific and use

No further relevant information available.

Section 8 - Exposure Controls, Personal Protection

Permissible concentration:

CAS No.	ACGIH	NIOSH	OSHA
10025-77-1	TLV-TWA 1mg/m ³	N/A	N/A
16454-60-7	N/A	N/A	N/A
10025-75-9	N/A	N/A	N/A
7773-01-5	TLV-TWA 0.02mg/m ³	N/A	PELs-Peak 5mg/m ³
15878-77-0	N/A	N/A	N/A
7647-01-0	TLV-Peak 2ppm	RELs-Peak 7mg/m ³	PELs-Peak 7mg/m ³
7732-18-5	N/A	N/A	N/A
25322-68-3	N/A	N/A	N/A

Engineering control :

The usual precautionary measures for handling chemicals should be followed.

Keep away from foodstuffs, beverages and feed.

Remove all soiled and contaminated clothing immediately.

Wash hands before breaks and at the end of work.

Personal Protective Equipment

Respiratory protection: Wear suitable protective mask in order to reduce the respiratory



Pony Testing International Group

system. A large number of leakage, wear chemical protective clothing, including self-contained breathing apparatus.

Hand Protection: Wear appropriate protective gloves to reduce skin contact.

Eyes Protection: Wear safety goggles or eye protection combined with respiratory protection.

Skin and Body Protection: Working environment required, wear suitable protective clothing to minimize contact with skin. The type of protective equipment must be according to the concentration and the content of certain hazardous substances in the workplace.

Section 9 - Physical and Chemical Properties

Information on basic physical and chemical properties

Colour:	Yellow transparent.
Physical State:	Liquid.
Odour:	Not available.
Odour threshold:	Not available.
pH:	Not available.
Melting point/freezing point:	Not available.
Initial boiling point and boiling range:	Not available.
Flash Point:	>100°C (Closed cup).
Evaporation rate:	Not available.
Flammability (solid, gas):	Non-flammable.
Explosion Limits (vol% in air):	Not available.
Vapour pressure, kPa at 20°C:	Not available.
Vapor density:	Not available.
Density/Relative density (water = 1):	Not available.
Solubility(ies):	Easily soluble in water.
Partition coefficient: n-octanol/water:	Not available.
Auto-ignition temperature:	Not available.
Decomposition temperature:	Not available.
Viscosity:	Not available.

Section 10 - Stability and Reactivity



Pony Testing International Group

Chemical Stability: Stable.**Possibility of hazardous reaction:** Data not available.**Conditions to Avoid:** Incompatible materials.**Incompatibilities Materials:** Data not available.**Hazardous Decomposition Products:** Carbon oxide.

Section 11 - Toxicological Information

Acute Toxicity:

CAS No.	LC50/LD50
10025-77-1	Oral (rat) LD50: 1872mg/kg; Oral (rat) LD50: 900mg/kg
16454-60-7	Not available.
10025-75-9	Not available.
7773-01-5	Not available.
15878-77-0	Not available.
7647-01-0	Not available.
7732-18-5	Not available.
25322-68-3	Not available.

Skin corrosion/irritation: Not available.**Serious eye damage/irritation:** Not available.**Respiratory or Skin sensitization:** Not available.**Germ Cell mutagenicity:** Not available.**Carcinogenicity:** Not available.**Reproductive toxicity:** Not available.**Specific target organ toxicity-Single exposure:** Not available.**Specific target organ toxicity-Repeated exposure:** Not available.**Aspiration hazard:** Not available.**Information on the likely routes of exposure:** Not available.**Eye:** Not available.**Skin:** Not available.**Ingestion:** Not available.**Inhalation:** Not available.

Section 12 - Ecological Information

www.ponytest.com

Hotline 400-819-5688



Pony Testing International Group

Ecological Toxicity: No further relevant information available.**Persistence and degradability:** No further relevant information available.**Bioaccumulative Potential:** No further relevant information available.**Mobility in Soil:** No further relevant information available.**Other adverse effects:** No further relevant information available.

Section 13 - Disposal Considerations

Waste treatment methods**Recommendation:**

Consult state, local or national regulations to ensure proper disposal.

Uncleaned packaging**Recommendation:** Disposal must be made according to official regulations.

Section 14 - Transport Information

UN Number	
IATA	N/A
UN Proper shipping name	
IATA	N/A
Transport hazard class(es)	
IATA	N/A
Packing group	
IATA	N/A
Packaging Sign	
IATA	N/A
Environmental hazards	
Marine pollutant:	No
Special precautions for user	Not applicable.

Section 15 - Regulatory Information

Safety, health and environmental regulations/legislation specific for the substance or mixture

www.ponytest.com

☎Hotline 400-819-5688



Pony Testing International Group

CAS No.	TSCA	IECSC	DSL/NDSL	EINECS/ ELINCS/ NLP
10025-77-1	Listed	Listed	Listed DSL	Listed
16454-60-7	Listed	Listed	Listed DSL	Listed
10025-75-9	Listed	Listed	Listed DSL	Listed
7773-01-5	Listed	Listed	Listed DSL	Listed
15878-77-0	Listed	Listed	Listed DSL	Listed
7647-01-0	Listed	Listed	Listed DSL	Listed
7732-18-5	Listed	Listed	Listed DSL	Listed
25322-68-3	Listed	Listed	Listed DSL	Listed

Section 16 - Additional Information

Issue Time: 2015-01-16

Issue Department: Technical department

Modification record:

Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

Other Information:

CAS: (Chemical Abstracts Service);

EC: (European Commission);

ACGIH: (American Conference of Governmental Industrial Hygienists);

NIOSH: (US National Institute for Occupational Safety and Health);

OSHA: (US Occupational Safety and Health);

TLV: (Threshold Limit Value)

TWA: (Time Weighted Average);

STEL: (Short Term Exposure Limit);

PEL: (Permissible Exposure Level);

REL: (Recommended Exposure Limit);

PC-STEL: (Permissible concentration-time weighted average);

PC-TWA: (Permissible concentration-short time exposure limit);

LC50: (Lethal concentration, 50 percent kill);

LD50: (Lethal dose, 50 percent kill);

IARC: (International Agency for Research on Cancer);

EC50: (Median effective concentration);

BCF: (Bioconcentration Factor);

BOD: (Biochemical oxygen demand);

www.ponytest.com

☎Hotline 400-819-5688



Pony Testing International Group

NOEC: (No observed effect concentration);
NTP: (US National Toxicology Program);
RTECS: (Registry of Toxic Effects of Chemical Substances);
IATA: (International Air Transport Association);
IMDG: (International Maritime Dangerous Goods);
TDG: (Recommendations on the TRANSPORT OF DANGEROUS GOODS Model Regulations);
TOC: (Total Organic Carbon);
TSCA: (Toxic Substances Control Act of USA);
DSL: (the Domestic Substances List of Canada);
NDSL: (the Non-domestic Substances List of Canada)

End of report