

ULANO® Material Safety Data Sheet

(According to ANSI Z400.1-2004)

Product: #44 STENCIL REMOVER POWDER

Previous Issue: April 29, 2008

Revision date: April 15, 2011

1. IDENTIFICATION OF PRODUCT AND COMPANY

Product Name: **#44 STENCIL REMOVER POWDER**
Company: ULANO® CORPORATION
110 Third Avenue
Brooklyn, NY 11217
Phone: 718-237-4700
Fax: 718-802-1119
Emergency contact: 1-800-424-9300 (CHEMTREC)

MSDS prepared by: P.Drago

Recommended use: Manufacture of textile screens for screenprinting stencils

2. HAZARD IDENTIFICATION OF THE PREPARATION

This preparation is classified as an oxidizing solid according to 29CFR 1910-1200.

DANGER: Strong oxidizer. Contact with other material may cause fire.

Appearance / Odor: powder / no odor

Likely routes of entry: Eye and skin contact and ingestion

Potential Health Effects: See Section 11 for more information

Potential Health Effects Eyes

Causes eye irritation.

Potential Health Effects: Skin

Causes skin irritation. May be harmful if absorbed through the skin

Potential Health Effects: Ingestion

May cause irritation of the digestive tract. May be harmful if swallowed

Potential Health Effects: Inhalation

Causes respiratory tract irritation. May be harmful if inhaled.

O	Oxidizing solid
Xn	Harmful
8	Contact with combustible material may cause fire
21/22/23	Harmful by inhalation, in contact with skin and if swallowed
36/37/38	Irritating to eyes, respiratory system and skin

Target Organs: skin, eyes and respiratory system

This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

Potential Environmental Effects: See Section 12 for more information.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixture of the below mentioned materials

Hazardous components:

EINECS-No CAS-No.	Name R-phrases	Hazard	%content
232-197-6 7790-2805	Sodium Metaperiodate 8-21/22/23-36/37/38	O, Xn	75.0-100.0%

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Additional information:

For full text of risk phrases see Section 16.

4. FIRST AID MEASURES

Inhalation:

Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

Ingestion:

If victim is conscious and alert, give 2-4 cupfuls of milk or water. Never give anything by mouth to an unconscious person. Get medical aid immediately.

Skin Contact:

Immediately flush skin with plenty of water for at least 15 minutes. Remove contaminated clothing and shoes. Get medical attention if irritation develops. Wash clothing before reuse. Thoroughly clean shoes before reuse.

Eye Contact:

Immediately flush eyes with plenty of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Get medical attention immediately.

5. FIRE-FIGHTING MEASURES

Flammable: no Means of extinction: treat surrounding fire. Material will support combustion

Unsuitable extinguishing media: Hard water stream

Flash point: n.a

Upper flammable limit: n.a

Explosion data impact: Not known

Lower flammable limit: n.a

Explosion data static: Not known

Hazardous combustion products: unknown

Fire fighters should wear SCBA for fighting fires in enclosed areas.

Autoignition temp: unknown

6. ACCIDENTAL RELEASE MEASURES

Do not empty into drains. Keep away from combustible material and strong reducing agents. Ensure sufficient ventilation. Prevent unauthorized access. Sweep up spilled material and place in a non-combustible container and proceed according to local waste disposal regulations.

7. HANDLING AND STORAGE

Keep container tightly closed and in a cool and well ventilated place.

Ensure adequate ventilation. Avoid contact with skin and eyes. Avoid contact with combustible material.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Occupational exposure limit:

CAS #	Name	OSHA TWA	ACGIH TWA
7790-28-5	Sodium Metaperiodate	None listed	None listed

Engineering controls

General- not required

Local exhaust- recommended

Other- none

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Personal Protection

Gloves- recommended
Respirator- yes if local or general exhaust is not used
Eye- protective goggles recommended
Protective footwear- not required
Protective clothing- not required
Other- none

9. PHYSICAL AND CHEMICAL PROPERTIES

Form: powder
Color: white
Odor: odorless
Flash point: n.a
Ignition temperature: n.a
Density: not available
Viscosity: n.a
Explosion limits: n.a
Melting Decomposition point: 572°F (300°C)
Vapour density: n.a
Vapour pressure: n.a
Freezing point: not known
pH: not applicable
Coefficient of water/ oil distribution: soluble
Volatile Organic Compounds: less than 0.1%

10. STABILITY AND REACTIVITY

Stable under recommended storage and handling conditions
(see Section 7).

Store as an oxidizing solid

INCOMPATIBILITY: Strong reducing agents, combustible material

11. TOXICOLOGICAL INFORMATION

Effects of acute exposure:

COMPONENT	CAS#	LD ₅₀	LC ₅₀
Sodium Metaperiodate	7790-28-5	Not available	Not available

General information:

Effects of acute exposure:
Repeated or prolonged contact causes local irritation of skin and mucous membranes, particularly the eyes.
Irritancy of product- yes
Skin sensitization- none reported
Respiratory sensitization- none known
Carcinogenicity- no
IARC- no
ACGIH - no
Reproductive toxicity - none known

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Teratogenicity - none known
Embryotoxicity - none known
Mutagenicity - none known
Name of synergistic products/effects- none known

12. ECOLOGICAL INFORMATION

Do not empty large quantities into drains or release into open water.
Do not store at public waste disposal sites.

13. WASTE DISPOSAL INFORMATION

Dispose of as an oxidizing hazardous waste
Empty container: scrap metal recycling or re-conditioning
Soiled container: (treatment like product itself)

14. TRANSPORT INFORMATION

ADR/RID/DOT: Class: 5.1
UN: 1479
Oxidizing solid, nos
(sodium metaperiodate)
Packaging group: II
IMDG: Class: 5.1
EMS: F-E, S-Q
UN: 1479
Oxidizing solid, nos
(sodium metaperiodate)
Marine pollutant: No
Packaging group: II

15. REGULATORY INFORMATION

All ingredients are listed on the TSCA registry.

Labeling

O Oxidizing solid

R-phrases:

8 Contact with combustible material may cause fire
21/22/23 Harmful by inhalation, in contact with skin and if swallowed
36/37/38 Irritating to eyes, respiratory system and skin

S-phrases:

17 Keep away from combustible material
26 In case of contact with eyes, rinse immediately with plenty of water
and seek medical attention
36/37/38 Wear suitable protective clothing, gloves and eye / face protection

Special labeling:

n.a

National Regulation for Germany:

Water pollution class: 2

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of information required by the CPR, and it is classified as a Code C hazardous material.

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Ingredient	TSCA	EC	DSL	NDSL
Sodium Metaperiodate (7790-28-5)	Yes	Yes	Yes	No

Ingredient	-SARA 302- RQ	TPQ	SARA 313 List	-RCRA- RQ	CERCLA - 261.33	TSCA 8(d)
Sodium Metaperiodate	No	No	No	No	No	No

16. OTHER INFORMATION

HMIS: Health 2, Flammability 0, Reactivity 0 (oxidizer)

Text of risk phrases mentioned in Section 2:

8	Contact with combustible material may cause fire
21/22/23	Harmful by inhalation, in contact with skin and if swallowed
36/37/38	Irritating to eyes, respiratory system and skin

For further information please refer to our technical information sheet. Data in this MSDS correspond with our current level of knowledge, but do not represent any assurance of product properties. The user personally is responsible for compliance with all legal requirements.

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