



MATERIAL SAFETY DATA SHEET

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name : **SUPER ROCK Ex**
Product Code : K52-
General Use : Plaster for Dental Working Models

SUPPLIER

Company Name: **Kuraray Noritake Dental Inc.**
Address: 300 Higashiyama, Miyoshi-cho, Miyoshi, Aichi
470-0293 Japan

MANUFACTURER:

Company Name: **Noritake Co., Ltd.**
Address: 2-39, Tsukisan-cho, Minato-ku, Nagoya, 455-0044 Japan

EMERGENCY TELEPHONE NUMBER: +81-561-32-8953

2. COMPOSITION, INFORMATION ON INGREDIENTS

Chemical characterization: Mixed product

<u>Components</u>	<u>Chemical Formula</u>	<u>Weight %</u>	<u>CAS No.</u>
Calcium Sulfate	CaSO ₄ · 1/2 H ₂ O	99	10034-76-1
Pigments	(Fe, Co, Ni, Mn)	<1	—

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

White or colored powder
Non flammable
Not an acute hazard

POTENTIAL HEALTH EFFECTS

The powder may cause irritation to the eye, nose and throat.
It may cause inflammation by skin contact.

4. FIRST AID MEASURES

INHALATION: Remove to fresh air. If symptoms occur, consult a physician.

EYE CONTACT: Immediately flush eyes with plenty of water for at least 15 minutes. Consult a physician.

SKIN CONTACT: Take off the contaminated clothes and shoes, wash the contacted skin with water. Seek medical treatment if irritation occurs.

INGESTION: Unlikely to be toxic by ingestion. However, if symptoms occur, consult a physician.

NOTE TO PHYSICIANS: Chemicals of exposure are Calcium Sulfate.

5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES: Non-flammable

EXTINGUISHING MEDIA: Use extinguishing media appropriate for surrounding fire. Water may cause the powder to solidify.

FIRE FIGHTING INSTRUCTIONS: Wear self-contained breathing apparatus and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

METHODS OF CLEANING UP:

Sweep up the powder into a waste container for appropriate disposal.

If washed down, may plug drains.

Wear appropriate protective equipment. (See Section 8)

ENVIRONMENTAL PRECAUTIONS:

Avoid washing down drains as the powder can plug drains.

7. HANDLING AND STORAGE

HANDLING: Wear appropriate protective equipment. (See Section 8)

When mixed with water, the powder hardens and becomes very hot.

To avoid heat damage, do not make a cast enclosing any part of the human body using the powder.

STORAGE: Keep container tightly closed. Reseal open packages to prevent spillage.

8. EXPOSURE CONTROLS, PERSONAL PROTECTION

ENGINEERING CONTROLS: Provide local ventilation system to meet exposure limits.

PERSONAL PROTECTIVE EQUIPMENT: Safety glasses, Any NIOSH approved filter dust respirator, Gloves, Protective overalls

EXPOSURE GUIDELINES:

Applicable Exposure Limits

Calcium Sulfate	ACGIH	TWA	10	mg/m ³
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9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE : White or colored powder

ODOR : None

FLASHING POINT, IGNITION POINT : Not applicable

10. STABILITY AND REACTIVITY

CHEMICAL STABILITY : Stable May solidify if contacted by water.

CONDITIONS TO AVOID : None

INCOMPATIBILITY WITH OTHER MATERIALS :

None in normal or expected use.

HAZARDOUS DECOMPOSITION PRODUCTS :

Above about 1000°C could produce CaO and SO₂.

HAZARDOUS POLYMERIZATION : Will not occur

11. TOXICOLOGICAL INFORMATION

ACUTE DATA: Not available

SUBCHRONIC DATA:

May cause irritation to eyes, nose, throat and skin.

12. ECOLOGICAL INFORMATION

ECOTOXICITY: Suspended solids only

ENVIRONMENTAL FATE: No information is available.

13. DISPOSAL CONSIDERATIONS

Comply with all Federal, State and Local regulations.

Avoid washing down drains as the powder can plug drain.

14. TRANSPORT INFORMATION

No transport regulations are applicable in DOT(USA).

Keep away from humidity and rough handling.

15. REGULATORY INFORMATION

TSCA STATUS: Listed in the TSCA inventory

16. OTHER INFORMATION

Hazard Rating	HMIS	Health 0	Flammability 0	Reactivity 0
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	NFPA	Health 0	Flammability 0	Reactivity 0
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