



SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

Product name : **NAX O-DE BASE MICA COLOUR**

Intended use : Paint

Manufacture :

Company name : NIPPON PAINT(Thailand) CO.,LTD

Address : 101 MOO 3 SOI SUKSAWAT 76,SUKSAWAT ROAD,
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2. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous components

<u>Chemical Name</u>	<u>CAS No.</u>	<u>Concentration (%)</u>
WATER	7732-18-5	40 - 45
MICA PIGMENT	12001-26-2	10 - 15
TITANIUM DIOXIDE	13463-67-7	10 - 15
DIETHYLENE GLYCOL- MONOBUTYL ETHER	112-34-5	10 - 15
MONOPROPYLENE GLYCOL- METHYL ETHER	107-98-2	1 - 5
PROPANE-1,2-DIOL	57-55-6	1 - 5
POLYETHER RESIN	NOT ASSIGNED	1 - 5
OTHER POLYMER(S)	NOT ASSIGNED	20 - 25
OTHER PIGMENT(S)	NOT ASSIGNED	0.1 - 1
OTHER ADDITIVE(S)	NOT ASSIGNED	0.1 - 1

3. HAZARDS IDENTIFICATION

Hazard Symbols



Signal Words

WARNING

Hazard statements

Causes eye irritation (Category 2B)

Suspected of causing cancer (Category 2)

Harmful to aquatic life (Category 3)



4. FIRST-AID MEASURES

- IF SKIN CONTACT : Remove contaminated clothing immediately and Wash off with plenty of water.
If skin irritation : Get medical advice/attention.
- IF IN EYES : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If eye irritation persists: Get medical advice/attention.
- IF INHALED : Remove victim to fresh air and keep at rest in a position comfortable for breathing.
Call a POISON CENTER or doctor/ physician if you feel unwell.
Get medical advice/attention if you feel unwell.
- IF SWALLOWED : Immediately call a POISON CENTER or doctor/physician
Do NOT induce vomiting.

5. FIRE-FIGHTING MEASURES

Do NOT use water jet.

Use water spray or dry chemicals.

Keep adjacent receptacles cool with copious quantities of water.

suitable fire-extinguishing media

water fog. CO₂ foam dry chemicals dry sand

Note : Fire will produce dense black smoke.

Decomposition products may be hazardous to health.

Avoid exposure and use breathing apparatus as appropriate.

Cool closed containers exposed to fire by spraying them with water.

Do not allow run off water and contaminants from fire fighting to enter drains or watercourses.

6. ACCIDENTAL RELEASE MEASURES

Avoid all sources of ignition (e.g.naked lights, unprotected light bulbs, electric handtools).

Ventilate the area and avoid breathing vapors.

Wear protective clothing and self-contained breathing apparatus when dealing with spillage or fire.

Collect spillage, where practicable, for safe disposal.

Should be disposed of wastes and empty containers in accordance with regulations made under the control of pollution acts and the environmental protection acts.

Collect spillage, where practicable, using absorbent material, and dispose of spillage on the floor in a safe manner.

Keep away from drains, surface-and ground-water and soil.

Do not allow spills to enter drains or water courses.



7. HANDLING AND STORAGE

Store in a well-ventilated place.
Keep container tightly closed. Store locked up.
Keep away from heat/sparks/open flames/hot surfaces. – No smoking.
Ground/bond container and receiving equipment.
Use explosion-proof electrical/ventilating/lighting/equipment.
Use only non-sparking tools.
Take precautionary measures against static discharge.
Wash thoroughly after handling.
Storage temperature : Store below 40 deg.C. (104deg.F.)

8. EXPOSURE CONTROL / PERSONAL PROTECTION

Wear protective gloves/eye protection/face protection.

Exposure limit :

<u>Ingredient Name</u>	<u>ACGIH</u>	<u>OSHA</u>
	TWA	TWA
WATER	not est.	not est.
TITANIUM DIOXIDE	10 mg/m ³	15 mg/m ³
DIETHYLENE GLYCOL-	not est.	not est.
MONOBUTYL ETHER		
MONOPROPYLENE GLYCOL-	100 ppm	not est.
METHYL ETHER		

Personal protection :

- Respiratory protection : Wear NIOSH-Approved appropriate equipment.
Hand protection : Wear impervious gloves.
Eye protection : Wear chemical splash goggles and face shield when eye and face contact is possible due to splashing or spraying of material.
Skin protection : Wear chemical resistant clothing such as gloves, apron, boots or whole bodysuits made from neoprene, as appropriate.
Environmental exposure : Do NOT let this product enter the environment

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state : Liquid
Color : pearl
Odor : Solvent odor
pH : 9
Boiling point (range) : 100 - 230(°C)
Flash point : none
Lower explosion limit : 0.9 % V/V
Upper explosion limit : 24.6 % V/V
Specific density : 1.28 / 20 °C
Vapor density : Heavier than air



Solubility in water : Miscible in water
Volatile volume :

10. STABILITY AND REACTIVITY

Stability : Stable under recommended storage and handling conditions (see section 7). When exposed to high temperature, may produce hazardous decomposition products such as carbon monoxide, carbon dioxide, oxides of nitrogen and smoke.

Hazardous reaction : Hazardous reaction will not occur.

Condition to avoid : Avoid heating temperatures above 30 deg.C.

Materials to avoid : Keep away from oxidizing agents, strongly alkaline and strongly acid materials in order to avoid possible exothermic reactions.

Hazardous decomposition products : The products decomposed on heating producing their oxide or monomers.

11. TOXICOLOGICAL INFORMATION

There are no data available on the product itself.

Toxicological information of ingredients :

acute toxicity :

LD₅₀(oral, rat) = no data

LD₅₀(dermal, rabbit) = no data

LD₅₀(inhalation, rat) = no data

12. ECOLOGICAL INFORMATION

For spills or waste, take care to avoid contaminating environment.

Prevent spills and wastewater from entering sewers, water courses or law areas to avoid pollution.

There are no data available on the product itself.

Ecological information of ingredients:

persistence: diethylene glycol monobutyl ether biodegradable: 89-93% (4 week /)

monopropylene glycol methyl ether biodegradable: 88-92% (4 week /)



13. DISPOSAL CONSIDERATIONS

Avoid release to the environment

Dispose of contents/container to authorized companies ... (in accordance with local/regional/national/international regulation).

14. TRANSPORT INFORMATION

UN regulation shipping name

: PAINT (including paing, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid lacquer base) or PAINT RELATED MATERIAL (including paint thinning or reducing compound)

UN/ID No. : 1263

Class : not applicable.

Packing group : not applicable.

IMDG CODE : not applicable.

15. REGULATORY INFORMATION

Please refer to any other national measures that may be relevant.

16. OTHER INFORMATION

The data are based on the current state of our knowledge, and are intended to describe the product with regard to the requirements of safety. The data should not be taken to imply any guarantee of a particular or general specification. It is the responsibility of the user of the product to ensure to his satisfaction that the product is suitable for the intended purpose and method of use. We do not accept responsibility for any harm caused by the use of this information. In all cases, our general conditions of sale apply.

REFERENCE : 1. United Stated National Library of Medicine: ChemIDplus Lite (ID PLUS)
<http://toxnet.nlm.nih.gov/cgi-bin/sis/htmlgen?CHEM>
2. New Jersey Department of Health (DOH)
<http://web.doh.state.nj.us/rtkhsfs/qrsearch.aspx>
3. International Uniform Chemical Information Database (IUCLID)
<http://ecb.jrc.ec.europa.eu/esis/index.php?PGM=dat>
4. SIGMA-ALDRICH
<http://www.sigmaaldrich.com/MSDS/MSDS/DisplayMSDSPage.do?>
5. CHEMTRACK
<http://www.chemtrack.org/Chem-Result.asp>