

# MATERIAL SAFETY DATA SHEET

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## 1. PRODUCT AND COMPANY IDENTIFICATION

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Product name : Nax Superio 1K Primer  
Intended use : Paint  
Manufacture :  
Company name : NIPPON PAINT(India) CO.,LTD  
Address : Plot No. 229, patparganj Industrial Area New Delhi  
110092  
Telephone No. : 011-43095357  
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## 2. COMPOSITION / INFORMATION ON INGREDIENTS

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Substance or Preparation : Preparation

Chemical nature :

<u>Ingredient Name</u>	<u>CAS No.</u>	<u>Concentration (%)</u>
Ethyl Acetate	141-78-6	5-15
Mix- Xylene	1330-20-7	15-25
Butyl Acetate	123-86-4	5-15
Toluene	108-88-3	5-15
Nitrocellulose Resin	NA	8-15
Alkyd Resin	NA	10-25
Di- acetone alcohol	123-42-2	1-5
Iso propanol	67-63-0	1-8
Pigments & Extenders	NA	20-35

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## 3. HAZARDS IDENTIFICATION

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Classification	most important hazard
flammable liquid and vapor harmful.	Flammable liquid and vapor. Harmful by inhalation. Harmful in contact with skin.

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#### **4. FIRST-AID MEASURES**

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- Inhalation : If inhaled, remove to fresh air.  
If not breathing, give artificial respiration.  
If breathing is difficult, give oxygen.  
Get medical attention immediately.
- Skin contact : In case of contact, immediately wash skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.  
Get medical attention immediately.
- Eye contact : In case of contact, immediately flush eyes with plenty of water for at least 15 minutes.
- Ingestion : If swallowed, do NOT induce vomiting unless directed to do so by medical personnel.  
Get medical attention immediately.

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#### **5. FIRE-FIGHTING MEASURES**

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- Do NOT use water jet.  
Use water spray or dry chemicals.  
Keep adjacent receptacles cool with copious quantities of water.
- suitable fire-extinguishing media  
 CO<sub>2</sub>       foam       dry chemicals
- 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.  
See section 10.

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#### **6. ACCIDENTAL RELEASE MEASURES**

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- Avoid all sources of ignition (e.g. naked lights, unprotected light bulbs, electric hand tools).  
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.  
Refer to headings 8 and 13

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## 7. HANDLING AND STORAGE

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Handling :

Keep away from heat, sparks, and flame.

Keep container closed.

The product may charge electro statically.

Operators should wear clothing which does not generate static (at least 60% natural fiber) and antistatic food wear.

Do not breath (dust, vapor, must, gas).

Avoid prolonged or repeated contact with skin.

Protection as shown in section 8.

Storage :

Keep container closed.

Keep away from heat, sparks and flame.

Store in a well-ventilated, dry place away from sources of heat and direct sunshine.

Do not store above 40 deg.C. (104 deg.F.)

Avoid prolonged or repeated contact with skin.

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## 8. EXPOSURE CONTROL / PERSONAL PROTECTION

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Engineering Measures : Prevent vapor build up by providing adequate ventilation during and after use.

An eye wash facility should be readily available.

Facilities storing or utilizing this material should be equipped with an eye wash facility and a safety shower.

Exposure limit :

<u>Ingredient Name</u>	<u>ACCGIH</u> <u>TLV (TWA)</u>
Butyl Acetate	150 ppm
Toluene	50 ppm
Di-Acetone Alcohol	150 ppm
Mix- Xylene	100ppm
Ethyl Acetate	75 ppm
Iso- Propanol	400 ppm

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 control : Do NOT let this product enter the environment.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

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Physical state	:	Liquid
Color	:	As per Std. Shade
Odor	:	Typical Solvent
Boiling point (range)	:	100 °C -140°C
Flash point	:	15°C
Ignition temperature	:	370°C
Lower explosive limit	:	1
Vapor pressure	:	20
Specific density	:	1.10-1.27
Vapor density	:	Heavier than Air
Solubility in water	:	Not Soluble
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## 10. STABILITY AND REACTIVITY

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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 40 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.

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## 11. TOXICOLOGICAL INFORMATION

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❖ There are no data available on the preparation itself.

Exposure to component solvents, vapours concentration in excess of the stated

❖ occupational exposure limit may result in adverse health effect such as mucous membrane and

❖ Symptoms and signs include headache, dizziness, fatigue, muscular weakness, drowsiness and in  
The liquid splashed in the eyes may cause irritation and reversible damage.

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## 12. ECOLOGICAL INFORMATION

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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.

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## 13. DISPOSAL CONSIDERATIONS

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The products should not be allowed to inter drains and watercourses.

All notification, clean-up and disposal should be carried out in accordance with federal, state and local regulations. Preferred method of waste disposal are incineration or biological treatment in federal/state approved facility. Wastes and empty containers should be disposed of in accordance with regulations made under the control or pollution acts and the environmental protection acts.

Empty containers should be recycled or disposed of through an approved waste management facility.

It is strongly advised not to let the chemical enter into the environment.

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## 14. TRANSPORT INFORMATION

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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	:	3
UN Packaging group	:	III

Storage temperature : Store Below 40 deg C  
See section 7, Handling and storage.

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## 15. REGULATORY INFORMATION

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

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## 16. OTHER INFORMATION

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no data available