



# SAFETY DATA SHEET

## NAX 2400 URETHANE PRIMER GREY

Date of issue: 01.01.2017

Revision date: 01.08.2017

Version: 2.0

### SECTION 1: Identification : Product identifier and chemical identity

#### 1.1. Product identifier

Product form : Mixtures  
Product name : NAX 2400 URETHANE PRIMER GREY  
Proper Shipping Name : Paint

#### 1.2. Recommended uses and restrictions

Recommended use : Coating for professional use  
Restrictions on use : The product is only for professional and/or industrial use, not for any private consumer use

#### 1.3. Supplier information

Manufacturer Name : **Nippon Paint (Thailand) Co., Ltd.**  
Manufacturer Address : 101, MOO Soi Suksawat 76, Suksawat Road,  
T Bangchak,A.Prapradaeng,Samutprakarn 10130  
Telephone no: : +66(0)2463-0032  
Email : [auto.refinish@nipponpaint-autorefinishes.com](mailto:auto.refinish@nipponpaint-autorefinishes.com)

### SECTION 2: Hazards identification

#### 2.1. Classification of the hazardous chemical

##### Classification according to the model Work Health and Safety Regulations (WHS Regulations)

Flammable Liquid 3	H226
Acute Toxicity (Oral) Category 5	H303
Acute Toxicity (Inhalation) Category 4	H332
Serious eye damage/ eye irritation Category 2	H319
Skin Corrosion/Irritation Category 2	H315
Carcinogenicity Category 2	H351
Toxic to Reproduction Category 2	H361
Specific Target Organ Toxicity (Single Exposure) Category 3	H336
Specific Target Organ Toxicity (Repeated Exposure) Category 1	H372
Aspiration Hazard, Category 1	H304
Acute Aquatic Toxicity, Category 3	H402

#### 2.2. Label elements

Hazard pictograms (GHS) :



Signal word (GHS) :

**DANGER**

Hazard statements (GHS) :

H226 - Flammable liquid and vapour  
H303 - May be harmful if swallowed  
H332- Harmful if Inhaled (vapour)  
H315 - Causes skin irritation  
H319 - Causes Serious eye irritation  
H351 - Suspected of causing cancer  
H361 - Suspected of damaging fertility or the unborn child  
H335 - May cause respiratory irritation  
H336 - May cause drowsiness or dizziness  
H372 - Causes damage to respiratory organs and nervous system through prolonged or repeated exposure  
H304 – may be fatal if swallowed and enters airways  
H402 – Harmful to aquatic life

Precautionary statements (GHS) :

P201 - Obtain special instructions before use  
P202 - Do not handle until all safety precautions have been read and understood  
P210 - Keep away from heat, hot surfaces, open flames, sparks. - No smoking  
P233 - Keep container tightly closed  
P240 - Ground/bond container and receiving equipment



# SAFETY DATA SHEET

## NAX 2400 URETHANE PRIMER GREY

Date of issue: 01.01.2017

Revision date: 01.08.2017

Version: 2.0

P241 - Use explosion-proof electrical, lighting, ventilating equipment  
 P242 - Use only non-sparking tools  
 P243 - Take precautionary measures against static discharge  
 P260 – Do not breathe dust/, fume, gas, mist, spray, vapours  
 P261 - Avoid breathing dust, fume, gas, mist, spray, vapours  
 P264 - Wash hands, forearms and face thoroughly after handling  
 P270 – Do not eat,drink or smoke when using the product  
 P271 - Use only outdoors or in a well-ventilated area  
 P273 – Avoid release to the environment  
 P280 - Wear protective gloves, eye protection, face protection  
 P281 - Use personal protective equipment as required

### Response(GHS)

P301+P310 – IF SWALLOWED: Immediately call a aPOISON CENTERor doctor/physician  
 P302+P352 - IF ON SKIN: Wash with plenty of soap and water  
 P303+P361+P353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower  
 P304+P340 - IF INHALED: remove victim to fresh air and keep at rest in a position comfortable for breathing  
 P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
 P308+P313 - IF exposed or concerned: Get medical advice/attention  
 P312 - Call a POISON CENTERor doctor/physician if you feel unwell  
 P314 - Get medical advice/attention if you feel unwell  
 P321 - Specific treatment (see supplemental first aid instruction on this label)  
 P331 - Do NOT induce vomiting  
 P332 + P313 If skin irritation occurs: Get medical advice/attention  
 P337 + P313 If eye irritation persists: Get medical advice/attention.  
 P362 Take off contaminated clothing and wash before reuse  
 P370 + P378 In case of fire: Use appropriate media for extinction.

### Storage (GHS)

P403 + P233 Store in a well-ventilated place. Keep container tightly closed.  
 P403 + P235 Store in a well-ventilated place,Keep cool  
 P405 - Store locked up

### Disposal (GHS)

P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation

### Dangerous Goods Classification

UN 1263 PAINT CLASS III

### 2.3. Other hazards

No additional information available

## SECTION 3: Composition/information on ingredients

Name	CAS No	%	Classification according to the model Work Health and Safety Regulations (WHS Regulations)
n-butyl acetate	123-86-4	30 - 35	Flam. Liq. 3, H226 STOT SE 3, H336
Carbon black	1333-86-4	0.1	Not classified
Acrylic resin	Not assigned	25 - 30	Not classified
Xylene	1330-20-7	25 - 30	Flam. Liq. 3, H226 Acute Tox. 4 (Inhalation:gas), H332 Acute Tox. 4 (Dermal), H312 Skin Irrit. 2, H315
titanium(IV) oxide	13463-67-7	20-25	Not classified

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

First-aid measures general : IF exposed or concerned: Get medical advice/attention. Call a POISON CENTERor a doctor if you feel unwell.



# SAFETY DATA SHEET

## NAX 2400 URETHANE PRIMER GREY

Date of issue: 01.01.2017

Revision date: 01.08.2017

Version: 2.0

First-aid measures after inhalation	: Remove victim to fresh air and keep at rest in a position comfortable for breathing; If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. Get medical attention if adverse health effects persist or are severe. If necessary call a POISON CENTER or physician. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway.
First-aid measures after skin contact	: Rinse skin with water/shower. Remove/ Take off immediately all contaminated clothing and shoes. If skin irritation occurs: Get medical advice/attention.
First-aid measures after eye contact	: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing; In case of contact with eyes, rinse immediately with plenty of water and seek medical advice; Remove contact lenses, if present and easy to do. Continue rinsing. ; Get immediate medical advice/attention
First-aid measures after ingestion	: Wash out mouth with water. Remove victim Call a POISON CENTER or a doctor if you feel unwell. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway.

### 4.2. Potential acute health effects

Eye Contact	: Causes serious eye irritation.
Inhalation	: Can cause central nervous system (CNS) depression. May cause drowsiness or dizziness
Skin Contact	: Causes skin irritation
Ingestion	: Can cause central nervous system (CNS) depression.

### 4.3. Indication of any immediate medical attention and special treatment needed

Other medical advice or treatment	: Treat symptomatically.
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## SECTION 5: Fire-fighting measures

### 5.1. Extinguishing media

Suitable extinguishing media	: Use dry chemicals. Foam. Carbon dioxide.
Unsuitable extinguishing media	: Do not use water jet

### 5.2. Special hazards arising from the substance or mixture

Fire hazard	: In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain.
Thermal decomposition products	: Decomposition products may be hazardous to health.

### 5.3. Special protective equipment and precautions for fire-fighters

Protective actions for firefighters	: Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.
Protection during firefighting	Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

#### 6.1.1. For non-emergency personnel

Emergency procedures	: No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing vapour or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
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#### 6.1.2. For emergency responders

Protective equipment	: Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".
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### 6.2. Environmental precautions

Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). Water polluting material. May be harmful to the environment if released in large quantities.



# SAFETY DATA SHEET

## NAX 2400 URETHANE PRIMER GREY

Date of issue: 01.01.2017

Revision date: 01.08.2017

Version: 2.0

### 6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Take up liquid spill into absorbent material. Notify authorities if product enters sewers or public waters.

## SECTION 7: Handling and storage, including how the chemical may be safely used

### 7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Flammable vapours may accumulate in the container. Use explosion-proof equipment. Wear personal protective equipment. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Take all necessary technical measures to avoid or minimize the release of the product on the workplace. Limit quantities of product at the minimum necessary for handling and limit the number of exposed workers. Provide local exhaust or general room ventilation. Floors, walls and other surfaces in the hazard area must be cleaned regularly. Avoid breathing dust/fume/gas/mist/vapours/spray. Avoid contact with skin and eyes.

Hygiene measures : Separate working clothes from town clothes. Launder separately. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

Conditions for safe storage, including any incompatibilities : Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well ventilated area, away from incompatible materials( see Section 10) and food and drink. Store locked up. Eliminate all ignition sources. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination.

### 7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Ground/bond container and receiving equipment.

Storage conditions : Store in a well-ventilated place. Keep cool. Keep container tightly closed. Store locked up.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters - exposure standards

Occupational Exposure Limits : None.

Appropriate Engineering Controls : Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. Use explosion-proof ventilation equipment

Environmental Exposure Controls : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation.

Hygiene measures : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

### Exposure limit values for the other components

n-butyl acetate (123-86-4)		
	Local name	n-Butyl acetate
	TWA (mg/m <sup>3</sup> )	713 mg/m <sup>3</sup>
	TWA (ppm)	150 ppm
	STEL (mg/m <sup>3</sup> )	950 mg/m <sup>3</sup>
	STEL (ppm)	200 ppm

### 8.2. Monitoring

No additional information available

### 8.3. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.



# SAFETY DATA SHEET

## NAX 2400 URETHANE PRIMER GREY

Date of issue: 01.01.2017

Revision date: 01.08.2017

Version: 2.0

### 8.4. Personal protective equipment

Hand protection	: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary
Eye/face protection	: Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection : chemical splash goggles
Body protection	: Personal protective equipment for the body should be selected based on the task being performed and the risks involved. When there is a risk of ignition from static electricity, wear anti-static protective clothing. For greatest protection from static discharges, clothing should include anti-static overalls, boots and gloves.
Other Skin protection	: Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and risks involved and should be approved by a specialist before handling this product.
Respiratory Protection	: Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary.

### SECTION 9: Physical and chemical properties

Physical state	: Liquid
Colour	: Grey
Odour	: Solvent odour
Odour threshold	: No data available
pH	: No data available
Relative evaporation rate (butylacetate=1)	: No data available
Melting point / Freezing point	: No data available
Boiling point	: No data available
Flash point	: 27 °C (Closed Cup method)
Auto-ignition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: No data available
Relative density at 25 °C	: 1.51 The vapour and the gas are heavier than air
Density	: No data available
Solubility	: None or poor in water.
Log Pow	: No data available
Viscosity	: No data available
Explosive properties	: No data available
Explosive limits	: No data available
Minimum ignition energy	: No data available
Volatile Volume	: 31 %
Fat solubility	: No data available

### SECTION 10: Stability and reactivity

Reactivity	: No specific test data related to reactivity available for this product or its ingredients
Chemical stability	: Stable under normal conditions.
Possibility of hazardous reactions	: No dangerous reactions known under normal conditions of use.
Conditions to avoid	: Avoid heating temperatures above 30°C. Heat. No flames, no sparks. Eliminate all sources of ignition.
Hazardous decomposition products	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

### SECTION 11: Toxicological information

#### NAX 2400 URETHANE PRIMER GREY

LD50 Inhalation, rat	15.07 mg/L
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# SAFETY DATA SHEET

## NAX 2400 URETHANE PRIMER GREY

Date of issue: 01.01.2017

Revision date: 01.08.2017

Version: 2.0

### NAX 2400 URETHANE PRIMER GREY

LD50 oral rat	3091 mg/kg
LD50 dermal rabbit	5475 mg/kg

Skin corrosion/irritation	: Causes skin irritation.
Serious eye damage/irritation	: Causes serious skin irritation
Respiratory or skin sensitisation	: No data
Germ cell mutagenicity	: No data
Carcinogenicity	: No data
Reproductive toxicity	: Toxic to reproduction
STOT-single exposure	: No data
STOT-repeated exposure	: No data
Aspiration hazard	: No data

### SECTION 12: Ecological information

According to the National Code of Practice for the Preparation of Material Safety Data Sheets, Environmental classification information is not mandatory. Information relevant for GHS classification is available on request

#### 12.1. Ecotoxicity

Ecology - general	: The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.
Acute aquatic toxicity	: Not classified
Chronic aquatic toxicity	: Not classified

### NAX 2400 URETHANE PRIMER GREY

LC50 fish 1	> 100 mg/l
EC50 Daphnia 1	> 100 mg/l
ErC50 (algae)	> 100 mg/l

#### 12.2. Persistence and degradability

No data available

#### 12.3. Mobility in soil

No data available

#### 12.4. Other adverse effects

Ozone	: No data available
Other adverse effects	: No additional information available

### NAX 2400 URETHANE PRIMER GREY

GWPmix comment	No known effects from this product.
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### SECTION 13: Disposal considerations

Waste treatment methods	: Avoid release to the environment. Dispose of contents/container to authorized companies in accordance with local/regional/national/international regulations. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. This material and its container must be disposed of in a safe way. Care should be taken when emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Vapour from product residues may create a highly flammable or explosive atmosphere inside the container. Do not cut, weld or grind used containers unless they have been cleaned thoroughly internally. Avoid dispersal of split material and runoff and contact with soil, waterways, drains and sewers.
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### SECTION 14: Transport information

#### 14.1. UN number

UN-No. (IMDG)	: 1263
UN-No. (IATA)	: 1263



# SAFETY DATA SHEET

## NAX 2400 URETHANE PRIMER GREY

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### 14.2. Proper Shipping Name - Addition

Proper Shipping Name (IMDG) : PAINT

Proper Shipping Name (IATA) : Paint

### 14.3. Transport hazard class(es)

#### IMDG

Transport hazard class(es) (IMDG) : 3

Danger labels (IMDG) : 3



#### IATA

Transport hazard class(es) (IATA) : 3

Hazard labels (IATA) : 3



### 14.4. Packing group

Packing group (IMDG) : III

Packing group (IATA) : III

### 14.5. Environmental hazards

Marine pollutant : No

### 14.6. Special precautions for user

Specific storage requirement : No data available

Shock sensitivity : No data available

### 14.7. Additional information

Other information : No supplementary information available

### Transport by road and rail

UN-No. : 1263  
Special provision : 163, 223  
Limited quantities : 5l  
Packing instructions : P001, IBC03, LP01  
Special packing provisions : PP1  
Portable tank and bulk container instructions : T2  
Portable tank and bulk container special provisions : TP1, TP29

### Transport by sea

UN-No. (IMDG) : 1263  
Special provisions (IMDG) : 163, 223, 955, 367  
Limited quantities (IMDG) : 5 L  
Excepted quantities (IMDG) : E1  
Packing instructions (IMDG) : P001, LP01  
Special packing provisions (IMDG) : PP1  
IBC packing instructions (IMDG) : IBC03  
Tank instructions (IMDG) : T2



# SAFETY DATA SHEET

## NAX 2400 URETHANE PRIMER GREY

Date of issue: 01.01.2017

Revision date: 01.08.2017

Version: 2.0

Tank special provisions (IMDG)	: TP1, TP29
EmS-No. (Fire)	: F-E - FIRE SCHEDULE Echo - NON-WATER-REACTIVE FLAMMABLE LIQUIDS
EmS-No. (Spillage)	: S-E - SPILLAGE SCHEDULE Echo - FLAMMABLE LIQUIDS, FLOATING ON WATER
Stowage category (IMDG)	: A
Properties and observations (IMDG)	: Miscibility with water depends upon the composition.

### Air transport

UN-No. (IATA)	: 1263
PCA Excepted quantities (IATA)	: E1
PCA Limited quantities (IATA)	: Y344
PCA limited quantity max net quantity (IATA)	: 10L
PCA packing instructions (IATA)	: 355
PCA max net quantity (IATA)	: 60L
CAO packing instructions (IATA)	: 366
CAO max net quantity (IATA)	: 220L
Special provisions (IATA)	: A3, A72, A192
ERG code (IATA)	: 3L

### 14.8. Hazchem or Emergency Action Code

Hazchemcode	: * 3Y
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## SECTION 15: Regulatory information

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

AICS (Australia Inventory) – All components are listed or exempted.

### 15.2. International agreements

No data available.

## SECTION 16: Any other relevant information

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Key to abbreviations	: ATE = Acute Toxicity Estimate
	BCF = Bioconcentration Factor
	GHS= Globally Harmonized System of Classification and Labelling of Chemicals
	IATA= International Air Transport Association
	IMDG= International Maritime Dangerous Goods

IMPORTANT NOTE :The information in this data sheet is not intended to be exhaustive and is based on the present state of our knowledge and on current laws. Any person using the product for any purpose other than that specifically recommended in the technical data sheet without first obtaining written confirmation from us as to the suitability of the product for the intended purpose does so at his own risk. It is always the responsibility of the user to take all necessary steps to fulfill the demands set out in the local rules and legislation. Always read the Safety data Sheet and the Technical data Sheet for this product, if available. All advice we give or any statement made about the product by us (whether in this data sheet or otherwise) is correct to the best of our knowledge but we have no control over the quality or the condition of the substrate or the many factors affecting the use and application of the product. Therefore, unless we specifically agree in writing otherwise, we do not accept any liability whatsoever for the performance of the product or for any loss or damage arising out of the use of the product. All products supplied and technical advice given are subject to our standard terms and conditions of sale. The information contained in this data sheet is subject to modification from time to time in the light of experience and our policy of continuous development. It is the user's responsibility to verify that this data sheet is current prior to using the product.