



NATIONAL PAINTS FACTORIES CO. LIMITED

Safety Data Sheet NUMIX 2K TOPCOAT

SECTION 1: Identification

1.1 Product identifier

Product name	NUMIX 2K TOPCOAT
Brand	NUMIX

1.2 Recommended use of the chemical and restrictions on use

No further relevant information available.

1.3 Supplier's details

Name	National Paints Factories Co. Limited
Address	Maliha Road Industrial Area 13 Sharjah 5822 Sharjah Sharjah United Arab Emirates
Telephone	+971 6 5130000
Fax	+971 6 5340222
email	npfcl@nationalpaints.com

1.4 Emergency phone number(s)

+971 6 5130000

SECTION 2: Hazard identification

General hazard statement

The product is classified and labelled according to the Globally Harmonised System (GHS).

2.1 Classification of the substance or mixture

GHS classification in accordance with: OSHA (29 CFR 1910.1200)

- Flammable liquids, Cat. 3
- Eye damage/irritation, Cat. 2A
- Sensitization, skin, Cat. 1
- Skin corrosion/irritation, Cat. 1

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2.2 GHS label elements, including precautionary statements

Pictogram



Hazard statement(s)

H226	Flammable liquid and vapor
H314	Causes severe skin burns and eye damage
H317	May cause an allergic skin reaction
H319	Causes serious eye irritation

Precautionary statement(s)

P210	Keep away from heat/sparks/open flames/hot surfaces. No smoking.
P233	Keep container tightly closed.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical/ventilating/lighting/equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P260	Do not breathe dust/fume/gas/mist/vapors/spray.
P261	Avoid breathing dust/fume/gas/mist/vapors/spray.
P272	Contaminated work clothing must not be allowed out of the workplace.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P301+P330+P331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P302+P352	IF ON SKIN: Wash with plenty of water.
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304+P340	IF INHALED: Remove person to fresh air and keep 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.
P310	Immediately call a POISON CENTER/doctor.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P337+P313	If eye irritation persists: Get medical advice/attention.
P363	Wash contaminated clothing before reuse.
P403+P235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.

2.3 Other hazards which do not result in classification

- Results of PBT and vPvB assessment
- PBT: Not applicable.
- vPvB: Not applicable.

SECTION 3: Composition/information on ingredients

3.1 Mixtures

Mixture of substances listed below with nonhazardous additions.

Hazardous components

1. N-Butyl acetate

Concentration	10 - 15 % (weight)
EC no.	204-658-1
CAS no.	123-86-4
Index no.	607-025-00-1

- Flammable liquids, Cat. 3
- Specific target organ toxicity (single exposure), Cat. 3

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H226	Flammable liquid and vapor
H336	May cause drowsiness or dizziness

2. XYLENES (MIXED)

Concentration	8 - 15 % (weight)
EC no.	215-535-7
CAS no.	1330-20-7
Index no.	601-022-00-9

- Flammable liquids, Cat. 3
- Acute toxicity, inhalation, Cat. 4
- Acute toxicity, dermal, Cat. 4
- Skin corrosion/irritation, Cat. 2

H226	Flammable liquid and vapor
H312	Harmful in contact with skin
H315	Causes skin irritation
H332	Harmful if inhaled

3. n-Butyl alcohol

Concentration	2 - 5 % (weight)
EC no.	200-751-6
CAS no.	71-36-3
Index no.	603-004-00-6

- Flammable liquids, Cat. 3
- Acute toxicity, oral, Cat. 4
- Specific target organ toxicity (single exposure), Cat. 3
- Skin corrosion/irritation, Cat. 2
- Eye damage/irritation, Cat. 1

H226	Flammable liquid and vapor
H302	Harmful if swallowed
H315	Causes skin irritation
H318	Causes serious eye damage
H335	May cause respiratory irritation
H336	May cause drowsiness or dizziness

4. 2-Ethoxyethyl acetate

Concentration	1 - 5 % (weight)
EC no.	203-839-2
CAS no.	111-15-9
Index no.	607-037-00-7

- Flammable liquids, Cat. 3
- Toxic to reproduction, Cat. 1B
- Acute toxicity, inhalation, Cat. 4
- Acute toxicity, dermal, Cat. 4
- Acute toxicity, oral, Cat. 4

H226	Flammable liquid and vapor
H302	Harmful if swallowed
H312	Harmful in contact with skin
H332	Harmful if inhaled
H360FD	

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5. Decanedioic acid, 1,10-bis(1,2,2,6,6-pentamethyl-4-piperidinyI) ester

Concentration 1 % (weight)

CAS no. 41556-26-7

Trade secret statement (OSHA 1910.1200(i))

For the wording of the listed hazard phrases refer to section 16.

SECTION 4: First-aid measures

4.1 Description of necessary first-aid measures

General advice	Consult a physician. Show this safety data sheet to the doctor in attendance.
If inhaled	Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.
In case of skin contact	Wash off with soap and plenty of water.
In case of eye contact	Rinse opened eye for several minutes under running water.
If swallowed	If symptoms persist consult doctor.

4.2 Most important symptoms/effects, acute and delayed

No further relevant information available.

4.3 Indication of immediate medical attention and special treatment needed, if necessary

No further relevant information available.

SECTION 5: Fire-fighting measures

5.1 Suitable extinguishing media

CO₂, sand, extinguishing powder. Do not use water.

5.2 Specific hazards arising from the chemical

No further relevant information available.

5.3 Special protective actions for fire-fighters

Wear self-contained breathing apparatus for firefighting if necessary.

Further information

No further relevant information available.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Wear protective equipment. Keep unprotected persons away.

6.2 Environmental precautions

Do not allow product to reach sewage system or any water course.
Inform respective authorities in case of seepage into water course or sewage system.
Do not allow to enter sewers/ surface or ground water.

6.3 Methods and materials for containment and cleaning up

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Dispose contaminated material as waste according to item 13.
Ensure adequate ventilation.
Do not flush with water or aqueous cleansing agents

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Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Ensure good ventilation/exhaustion at the workplace.

Open and handle receptacle with care.

Prevent formation of aerosols.

7.2 Conditions for safe storage, including any incompatibilities

No special requirements.

Keep container tightly sealed.

Specific end use(s)

No further relevant information available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

1. N-Butyl acetate (CAS: 123-86-4 EC: 204-658-1)

PEL (Inhalation): 150 ppm (OSHA)

OSHA Annotated Table Z-1, www.osha.gov

PEL (Inhalation): 710 mg/m³ (OSHA)

OSHA Annotated Table Z-1, www.osha.gov

PEL (Inhalation): 150 ppm, (ST) 200 ppm (Cal/OSHA)

OSHA Annotated Table Z-1, www.osha.gov

REL (Inhalation): 150 ppm, (ST) 200 ppm (NIOSH)

OSHA Annotated Table Z-1, www.osha.gov

TLV® (Inhalation): 150 ppm, (ST) 200 ppm; USA (ACGIH)

OSHA Annotated Table Z-1, www.osha.gov

STEL (Inhalation): 200 ppm

950 mg/m³ (Cal/OSHA)

California permissible exposure limits for chemical contaminants
(Title 8, Article 107)

PEL (Inhalation): 150 ppm

710 mg/m³

California permissible exposure limits for chemical contaminants
(Title 8, Article 107)

2. XYLENES (MIXED) (CAS: 1330-20-7)

PEL (Inhalation): 100 ppm (OSHA)

OSHA Annotated Table Z-1, www.osha.gov

PEL (Inhalation): 435 mg/m³ (OSHA)

OSHA Annotated Table Z-1, www.osha.gov

PEL (Inhalation): 100 ppm, (ST) 150 ppm, (C) 300 ppm (Cal/OSHA)

OSHA Annotated Table Z-1, www.osha.gov

REL (Inhalation): 100 ppm, (ST) 150 ppm (NIOSH)

OSHA Annotated Table Z-1, www.osha.gov

3. n-Butyl alcohol (CAS: 71-36-3)

PEL (Inhalation): 100 ppm (OSHA)

OSHA Annotated Table Z-1, www.osha.gov

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PEL (Inhalation): 300 mg/m³ (OSHA)
OSHA Annotated Table Z-1, www.osha.gov

PEL (Inhalation): (C) 50 ppm (Cal/OSHA)
OSHA Annotated Table Z-1, www.osha.gov

REL (Inhalation): (C) 50 ppm (NIOSH)
OSHA Annotated Table Z-1, www.osha.gov

TLV® (Inhalation): 20 ppm (ACGIH)

4. 2-Ethoxyethyl acetate (CAS: 111-15-9)

PEL (Inhalation): 100 ppm (OSHA)
OSHA Annotated Table Z-1, www.osha.gov

PEL (Inhalation): 540 mg/m³ (OSHA)
OSHA Annotated Table Z-1, www.osha.gov

PEL (Inhalation): 5 ppm (Cal/OSHA)
OSHA Annotated Table Z-1, www.osha.gov

REL (Inhalation): 0.5 ppm (NIOSH)
OSHA Annotated Table Z-1, www.osha.gov

8.2 Appropriate engineering controls

No further data; see item 7.

8.3 Individual protection measures, such as personal protective equipment (PPE)

Eye/face protection

Wear tightly sealed goggles.

Skin protection

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.

Body protection

Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place., The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

Thermal hazards

No data available

Environmental exposure controls

Do not let product enter drains.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance/form (physical state, color, etc.)	Fluid
Odor	Characteristic
Odor threshold	Not determined.
pH	Not determined.
Melting point/freezing point	Undetermined.
Initial boiling point and boiling range	Undetermined.
Flash point	25 °C

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Evaporation rate	Not determined.
Flammability (solid, gas)	Not applicable.
Upper/lower flammability limits	Not determined.
Upper/lower explosive limits	Not determined.
Vapor pressure	Not determined.
Vapor density	Not determined.
Relative density	Not determined.
Solubility(ies)	Not miscible or difficult to mix.
Partition coefficient: n-octanol/water	Not determined.
Auto-ignition temperature	Product is not selfigniting.
Decomposition temperature	Not determined.
Viscosity	Not determined.
Explosive properties	Forms very sensitive explosive metallic compounds.
Oxidizing properties	Not determined.

Other safety information

No further relevant information available.

SECTION 10: Stability and reactivity

10.1 Reactivity

No further relevant information available.

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

No dangerous reactions known.

10.4 Conditions to avoid

No further relevant information available.

10.5 Incompatible materials

N-Butyl acetate: Strong oxidizing agents, Strong reducing agents, Strong bases

n-Butyl alcohol: Oxidizing agents, Alkali metals, Bases, Strong acids, Halogens

10.6 Hazardous decomposition products

N-Butyl acetate: Hazardous decomposition products formed under fire conditions. - Carbon oxides

Other decomposition products - No data available

In the event of fire: see section 5

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity

2-Ethoxyethyl acetate

LD50 Inhalation - Rat - 4 h

n-Butyl alcohol

LC50 Inhalation - Rat - 8000 ppm - 4 h

Remarks: Liver:Fatty liver degeneration. Kidney, Ureter, Bladder:Other changes. Blood:Other changes.

N-BUTYLACETATE

LC50 Inhalation - Rat - 21 mg/l - 4 h

Citation: (OECD Test Guideline 403)

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XYLENES (MIXED)
LD50 Inhalation - Rat

Skin corrosion/irritation
No irritant effect.

Serious eye damage/irritation
No irritant effect.

Respiratory or skin sensitization
No sensitising effects known.

Germ cell mutagenicity
No data available

Carcinogenicity
Carcinogenic.

Reproductive toxicity
The product can cause inheritable damage.

STOT-single exposure
No data available

STOT-repeated exposure
No data available

Aspiration hazard
No data available

Additional information
The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version: Carcinogenic.
The product can cause inheritable damage.

SECTION 12: Ecological information

Toxicity
No data available on product

Persistence and degradability
No data available on product

Bioaccumulative potential
No data available on product

Mobility in soil
No data available

Results of PBT and vPvB assessment
Not applicable.

Other adverse effects
No further relevant information available.

SECTION 13: Disposal considerations

Disposal of the product
Must not be disposed together with household garbage. Do not allow product to reach sewage system.

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Disposal of contaminated packaging

Disposal must be made according to official regulations.

Waste treatment

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

Sewage disposal

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

Other disposal recommendations

Disposal must be made according to official regulations.

SECTION 14: Transport information

DOT (US)

UN Number: UN1263

Class: 3 Flammable liquids.

Packing Group: III

Proper Shipping Name: 1263 PAINT

Reportable quantity (RQ): 5L

Marine pollutant:

Poison inhalation hazard:

IMDG

UN Number: UN1263

Class: 3 Flammable liquids.

Packing Group: III

EMS Number: F-E,S-E

Proper Shipping Name: 1263 PAINT

IATA

UN Number: UN1263

Class: 3 Flammable liquids.

Packing Group: III

Proper Shipping Name: 1263 PAINT

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations specific for the product in question

Massachusetts Right To Know Components

n-Butyl acetate

CAS number: 123-86-4

New Jersey Right To Know Components

n-Butyl acetate

CAS number: 123-86-4

Pennsylvania Right To Know Components

n-Butyl acetate

CAS number: 123-86-4

SARA 302 Components

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

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California Prop. 65 Components

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

SARA 311/312 Hazards

Fire Hazard

Massachusetts Right To Know Components

Chemical name: Xylene (mixed isomers)

CAS number: 1330-20-7

New Jersey Right To Know Components

Common name: XYLENES

CAS number: 1330-20-7

Pennsylvania Right To Know Components

Chemical name: Benzene, dimethyl-

CAS number: 1330-20-7

Massachusetts Right To Know Components

Chemical name: n-Butyl alcohol

CAS number: 71-36-3

New Jersey Right To Know Components

Common name: n-BUTYL ALCOHOL

CAS number: 71-36-3

Pennsylvania Right To Know Components

Chemical name: 1-Butanol

CAS number: 71-36-3

New Jersey Right To Know Components

Common name: 2-ETHOXYETHYL ACETATE

CAS number: 111-15-9

Pennsylvania Right To Know Components

Chemical name: Ethanol, 2-ethoxy-, acetate

CAS number: 111-15-9

California Prop. 65 components

Chemical name: 2-Ethoxyethyl acetate

CAS number: 111-15-9

01/01/1993 - Developmental toxicity

01/01/1993 - Male reproductive toxicity

SECTION 16: Other information

16.1 Further information/disclaimer

DISCLAIMER: The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigation to determine the suitability of information for their particular purposes. In no event shall National Paints Factories Co. Ltd. be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, whatsoever arising, even if National Paints Factories Co. Ltd. has been advised of the possibility of such damages.