

**Safety Data Sheet
NUMIX 1K ACRYLIC PRIMER**

SECTION 1: Identification**1.1 Product identifier**

Product name	NUMIX 1K ACRYLIC PRIMER
Brand	NUMIX

1.3 Recommended use of the chemical and restrictions on use
No further relevant information available.**1.4 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 6 534 0222
email	npfcl@nationalpaints.com

1.5 Emergency phone number(s)

+971 6 5130000

SECTION 2: Hazard identification**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. 1
- Acute toxicity, inhalation, Cat. 4
- Skin corrosion/irritation, Cat. 2

2.2 GHS label elements, including precautionary statements

Pictogram



Hazard statement(s)

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H226	Flammable liquid and vapor
H315	Causes skin irritation
H318	Causes serious eye damage
H332	Harmful if inhaled
H335	May cause respiratory irritation
H336	May cause drowsiness or dizziness

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.
P261	Avoid breathing dust/fume/gas/mist/vapors/spray.
P271	Use only outdoors or in a well-ventilated area.
P280	Wear eye protection/face protection/protective gloves.
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.
P312	Call a POISON CENTER/doctor if you feel unwell.
P332+P313	If skin irritation occurs: Get medical advice/attention.
P362+P364	Take off contaminated clothing and wash it before reuse.
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.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Hazardous components

1. XYLENES (MIXED)

Concentration	7 - 12 % (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

2. ETHYLBENZENE

Concentration	3 - 7 % (weight)
EC no.	202-849-4
CAS no.	100-41-4

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Index no. 601-023-00-4

- Flammable liquids, Cat. 2
- Acute toxicity, inhalation, Cat. 4
- Aspiration hazard, Cat. 1
- Specific target organ toxicity (repeated exposure), Cat. 2

H225	Highly flammable liquid and vapor
H304	May be fatal if swallowed and enters airways
H332	Harmful if inhaled
H373	May cause damage to organs [organs] through prolonged or repeated exposure [route]

SECTION 4: First-aid measures

4.1 Description of necessary first-aid measures

General advice	Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.
If inhaled	Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist. In case of unconsciousness place patient stably in side position for transportation.
In case of skin contact	Immediately rinse with 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

Mouth respiratory protective device.

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

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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.

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

- Requirements to be met by storerooms and receptacles: No special requirements.
- Information about storage in one common storage facility: Not required.
- Further information about storage conditions: Keep container tightly sealed.

Specific end use(s)

No further relevant information available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

1. 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

2. ETHYLBENZENE (CAS: 100-41-4)

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) 125 ppm (Cal/OSHA)
OSHA Annotated Table Z-1, www.osha.gov

REL (Inhalation): 100 ppm, (ST) 125 ppm (NIOSH)
OSHA Annotated Table Z-1, www.osha.gov

8.2 Appropriate engineering controls

Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product.

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

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Eye/face protection

Tightly sealed goggles and safety mask.

Skin protection

Protective gloves.

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

Control banding approach

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	>138 °C
Flash point	25 °C
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 self-igniting.
Decomposition temperature	Not determined.
Viscosity	Not determined.
Explosive properties	Product is not explosive. However, formations of explosive air/vapour mixtures are possible.
Oxidizing properties	

Other safety information

No further relevant information available.

SECTION 10: Stability and reactivity

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10.1 Reactivity

No further relevant information available.

10.2 Chemical stability

No further relevant information available.

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

Titanium(IV) oxide : Strong acids

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

XYLENES (MIXED)

LD50 Inhalation - Rat

2-Ethoxyethyl acetate

LD50 Inhalation - Rat - 4 h

n-Butyl alcohol

LD50 Oral - Rat - 790 mg/kg

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

Skin corrosion/irritation

XYLENES (MIXED)

LD50 Inhalation - Rat

2-Ethoxyethyl acetate

LD50 Inhalation - Rat - 4 h

n-Butyl alcohol

LD50 Oral - Rat - 790 mg/kg

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

Serious eye damage/irritation

XYLENES (MIXED)

LD50 Inhalation - Rat

2-Ethoxyethyl acetate

LD50 Inhalation - Rat - 4 h

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n-Butyl alcohol

LD50 Oral - Rat - 790 mg/kg

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

N-BUTYLACETATE

LD50 Oral - Rat - 10,760 mg/kg

Citation: (OECD Test Guideline 423)

Respiratory or skin sensitization

2-Ethoxyethyl acetate

LD50 Inhalation - Rat - 4 h

n-Butyl alcohol

LD50 Oral - Rat - 790 mg/kg

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

N-BUTYLACETATE

LD50 Oral - Rat - 10,760 mg/kg

Citation: (OECD Test Guideline 423)

Germ cell mutagenicity

2-Ethoxyethyl acetate

LD50 Inhalation - Rat - 4 h

n-Butyl alcohol

LD50 Oral - Rat - 790 mg/kg

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)

N-BUTYLACETATE

LD50 Oral - Rat - 10,760 mg/kg

Citation: (OECD Test Guideline 423)

XYLENES (MIXED)

LD50 Inhalation - Rat

Carcinogenicity

n-Butyl alcohol

LD50 Oral - Rat - 790 mg/kg

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

XYLENES (MIXED)

LD50 Inhalation - Rat

Reproductive toxicity

XYLENES (MIXED)

LD50 Inhalation - Rat

Summary of evaluation of the CMR properties

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: Harmful

STOT-single exposure

2-Ethoxyethyl acetate

LD50 Inhalation - Rat - 4 h

n-Butyl alcohol

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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)

XYLENES (MIXED)

LD50 Inhalation - Rat

STOT-repeated exposure

n-Butyl alcohol

LD50 Skin - Rat - 3,400 mg/kg

N-BUTYLACETATE

LD50 Skin - Rabbit - >14,112 mg/kg

Citation: (OECD Test Guideline 402)

Titanium(IV) oxide

LD50 Skin - Rabbit - > 10,000 mg/kg

Aspiration hazard

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)

XYLENES (MIXED)

LD50 Inhalation - Rat

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: Harmful

SECTION 12: Ecological information

Toxicity

Aquatic toxicity: No further relevant information available.

Persistence and degradability

No further relevant information available.

Bioaccumulative potential

No further relevant information available.

Mobility in soil

No further relevant information available.

Results of PBT and vPvB assessment

Not applicable.

Other adverse effects

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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.

Disposal of contaminated packaging

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

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

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

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Chemical name: Ethylbenzene
CAS number: 100-41-4

New Jersey Right To Know Components

Common name: ETHYL BENZENE
CAS number: 100-41-4

Pennsylvania Right To Know Components

Chemical name: Benzene, ethyl-
CAS number: 100-41-4

California Prop. 65 components

Chemical name: ETHYLBENZENE
CAS number: 100-41-4
11/06/2004 - Cancer

15.2 Chemical Safety Assessment

A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

Use personal protective equipment. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas. For personal protection see section 8.

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.