

**Safety Data Sheet
NUMIX HEAT RESISTANT PAINT**

SECTION 1: Identification**1.1 Product identifier**

Product name NUMIX HEAT RESISTANT PAINT

Brand NUMIX

1.3 Recommended use of the chemical and restrictions on use

Intended for use as a brush, roller and spray-applied, solvent-borne coating for various substrates.

1.4 Supplier's details

Name National Paints Factories Co. Limited
Address Maliha Road
Industrial Area # 13 Sharjah
United Arab Emirates

Telephone +971 6 5130000
email npfcl@nationalpaints.com

1.5 Emergency phone number(s)

+971 6 5130000

SECTION 2: Hazard identification**General hazard statement**

"Consumer Products", as defined by the US Consumer Product Safety Act and which are used as intended (typical consumer duration and frequency), are exempt from the OSHA Hazard Communication Standard (29 CFR 1910.1200). This SDS is being provided as a courtesy to help assist in the safe handling and proper use of the product.

2.1 Classification of the substance or mixture

GHS classification in accordance with: Regulation (EC) No 1272/2008 (CLP)

- Acute toxicity, inhalation, Cat. 5
- Skin corrosion/irritation, Cat. 2

2.2 GHS label elements, including precautionary statements

Pictogram



Signal word

Warning

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Hazard statement(s)

H315

Causes skin irritation

Precautionary statement(s)

P264

Wash thoroughly after handling.

P280

Wear protective gloves.

P302+P352

IF ON SKIN: Wash with plenty of water

P321

Specific treatment.

P332+P313

If skin irritation occurs: Get medical advice/attention.

P362+P364

Take off contaminated clothing and wash it before reuse.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Hazardous components

1. XYLENES (MIXED)

Concentration

15 - 20 % (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. Acetone

Concentration

3 - 6 % (weight)

EC no.

200-662-2

CAS no.

67-64-1

Index no.

606-001-00-8

- Flammable liquids, Cat. 2
- Specific target organ toxicity (single exposure), Cat. 3
- Serious eye damage/eye irritation, Cat. 2

H225

Highly flammable liquid and vapor

H319

Causes serious eye irritation

H336

May cause drowsiness or dizziness

3. Talc

Concentration

10 - 15 % (weight)

EC no.

238-877-9

CAS no.

14807-96-6

4. N-Butyl acetate

Concentration

2 - 5 % (weight)

EC no.

204-658-1

CAS no.

123-86-4

Index no.

607-025-00-1

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

H226
H336

Flammable liquid and vapor
May cause drowsiness or dizziness

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 with plenty of water for at least 15 minutes. Call a poison center or doctor if irritation develops or persists. Take off contaminated clothing and wash it before reuse. Acute and delayed symptoms and effects: Causes skin irritation. Signs/symptoms may include localized redness, swelling, and itching.
In case of eye contact	Rinse thoroughly with plenty of water for at least 15 minutes. Get medical attention if symptoms occur.
If swallowed	Rinse mouth. If vomiting occurs naturally, have victim lean forward to reduce the risk of aspiration. Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Call a poison center or doctor if you feel unwell. Acute and delayed symptoms and effects: Harmful if swallowed. May cause gastrointestinal irritation. Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhea.

4.2 Most important symptoms/effects, acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

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

No data available

SECTION 5: Fire-fighting measures

5.1 Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Specific hazards arising from the chemical

Carbon oxides

5.3 Special protective actions for fire-fighters

Wear self-contained breathing apparatus for firefighting if necessary.

Further information

Use water spray to cool unopened containers.

SECTION 6: Accidental release measures

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6.1 Personal precautions, protective equipment and emergency procedures

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.

6.3 Methods and materials for containment and cleaning up

Contain spillage, and then collect with an electrically protected vacuum cleaner or by wet-brushing and place in container for disposal according to local regulations (see section 13).

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Avoid inhalation of vapour or mist. Use explosion-proof equipment. Keep away from sources of ignition - No smoking. Take measures to prevent the build up of electrostatic charge. For precautions see section 2.2.

Ensure adequate ventilation. Wash hands before breaks and immediately after handling the product. Avoid contact with skin, eyes and clothing. Avoid ingestion and inhalation. For precautions see section 2.2.

7.2 Conditions for safe storage, including any incompatibilities

Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Storage class (TRGS 510): Flammable liquids

Specific end use(s)

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

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): 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. Acetone (CAS: 67-64-1)

PEL (Inhalation): 1000 ppm (OSHA)

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

PEL (Inhalation): 500 ppm, (ST) 750 ppm, (C) 3000 ppm (Cal/OSHA)

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

REL (Inhalation): 250 ppm (NIOSH)

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

TLV® (Inhalation): 250 ppm, (ST) 500 ppm; USA (ACGIH)

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

3. Talc (CAS: 14807-96-6)

PEL (Inhalation): See Annotated Z-3 mg/m³ (OSHA)

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

REL (Inhalation): See Annotated Z-3 (NIOSH)

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

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710 mg/m³

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

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)

Eye/face protection

Face shield and safety glasses. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Body protection

Complete suit protecting against chemicals, Flame retardant antistatic protective clothing., The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection

Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multipurpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Thermal hazards

No data available

Environmental exposure controls

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance/form (physical state, color, etc.)	Liquid
Odor	Organic Solvent
Odor threshold	Not available.
pH	Not available.
Melting point/freezing point	Not available.
Initial boiling point and boiling range	Not available.
Flash point	25 °C
Evaporation rate	Not available.
Flammability (solid, gas)	Not available.
Upper/lower flammability limits	Not available.
Upper/lower explosive limits	Not available.
Vapor pressure	Not available.
Vapor density	Not available.
Relative density	1.06
Solubility(ies)	Not available.
Partition coefficient: n-octanol/water	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.

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Viscosity
Explosive properties
Oxidizing properties

Not available.
Not available.
Not available.

SECTION 10: Stability and reactivity

10.1 Reactivity

No data available

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

Vapours may form explosive mixture with air.

10.4 Conditions to avoid

Heat, flames and sparks.

10.5 Incompatible materials

Acetone: Bases, oxidizing agents, reducing agents, Acetone reacts violently with phosphorous oxychloride.

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

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

ACETONE

LD50 Skin - Guinea pig - 7,429 mg/kg

ACETONE

LC50 Inhalation - Rat - 50,100 mg/m³ - 8 h

Remarks: Drowsiness Dizziness Unconsciousness

ACETONE

LD50 Oral - Rat - 5,800 mg/kg

Remarks: Behavioral :Altered sleep time (including change in righting reflex). Behavioral:Tremor.

Behavioral:Headache.

Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea.

N-BUTYLACETATE

LD50 Oral - Rat - 10,760 mg/kg

Citation: (OECD Test Guideline 423)

N-BUTYLACETATE

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

Citation: (OECD Test Guideline 403)

N-BUTYLACETATE

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

Citation: (OECD Test Guideline 402)

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Skin corrosion/irritation

Based on available data, classification data are not met

Serious eye damage/irritation

Causes eye irritation.

Respiratory or skin sensitization

Based on available data, classification data are not met

Germ cell mutagenicity

No data available

Carcinogenicity

This product is or contains a component that is not classifiable as to its carcinogenicity based on its IARC, ACGIH, NTP, or EPA classification.

Reproductive toxicity

No data available

STOT-single exposure

No data available

STOT-repeated exposure

Based on available data, classification data are not met

Aspiration hazard

Based on available data, classification data are not met

SECTION 12: Ecological information

Toxicity

ACETONE

LC50 - Oncorhynchus mykiss (rainbow trout) - 5,540 mg/l - 96 h

ACETONE

LC50 - Daphnia magna (Water flea) - 8,800 mg/l - 48 hr

N-BUTYLACETATE

LC50 - Pimephales promelas (fathead minnow) - 18 mg/l - 96 h

Citation: (OECD Test Guideline 203)

N-BUTYLACETATE

LC50 - Daphnia magna (water flea) - 44 mg/l - 48 h

N-BUTYLACETATE

EC50 - Desmodesmus subspicatus (Scenedesmus subspicatus) - 674.7 mg/l - 72 h

Persistence and degradability

ACETONE

OECD Test Guideline 301B

Result: 91% -Readily biodegradable.

Bioaccumulative potential

No data available on product

Mobility in soil

No data available

Results of PBT and vPvB assessment

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

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Other adverse effects

No data available

SECTION 13: Disposal considerations

Disposal of the product

Offer surplus and non-recyclable solutions to a licensed disposal company.

Disposal of contaminated packaging

Dispose of as unused product.

SECTION 14: Transport information

DOT (US)

UN Number: UN1263

Class: 3

Packing Group: III

Proper Shipping Name: PAINT

Reportable quantity (RQ): N/A

Marine pollutant: N/A

Poison inhalation hazard: N/A

IMDG

UN Number: UN1263

Class: 3

Packing Group: III

EMS Number: F-E, S-E

Proper Shipping Name: PAINT

IATA

UN Number: UN1263

Class: 3

Packing Group: III

Proper Shipping Name: PAINT

SECTION 15: Regulatory information

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

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.

Massachusetts Right To Know Components

Chemical name: Xylene (mixed isomers)

CAS number: 1330-20-7

Chemical name: Acetone

CAS number: 67-64-1

n-Butyl acetate

CAS number: 123-86-4

New Jersey Right To Know Components

Common name: XYLENES

CAS number: 1330-20-7

Common name: ACETONE

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CAS number: 67-64-1

Common name: TALC (NOT CONTAINING ASBESTOS FIBERS)
CAS number: 14807-96-6

n-Butyl acetate
CAS number: 123-86-4

Pennsylvania Right To Know Components

Chemical name: Benzene, dimethyl-
CAS number: 1330-20-7

Chemical name: 2-Propanone
CAS number: 67-64-1

Chemical name: Talc
CAS number: 14807-96-6

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 311/312 Hazards

Fire Hazard, Acute Health Hazard, Chronic Health Hazard

Fire Hazard

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.

SECTION 16: Other information

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 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 has been advised of the possibility of such damages.