



NATIONAL PAINTS FACTORIES CO. LIMITED

Safety Data Sheet NUMIX GUMA VINYL GUARD (S.B)

SECTION 1: Identification

1.1 Product identifier

Product name NUMIX GUMA VINYL GUARD (S.B)

1.2 Supplier's details

Name National Paints Factories Co. Limited
Address Maliha Road Industrial Area 13
5822 Sharjah
United Arab Emirates

Telephone +971 6 5130000
Fax +971 6 5340222
email npfcl@nationalpaints.com

1.3 Emergency phone number(s)

+971 6 5130000

SECTION 2: Hazard identification

General hazard statement

Flammable liquid and vapour.
May be harmful if inhaled.
Causes skin irritation.
Causes serious eye irritation.
May cause allergy or asthma symptoms or breathing difficulties if inhaled.
May cause an allergic skin reaction.
May be fatal if swallowed and enters airways.

2.1 Classification of the substance or mixture

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

- Flammable liquids, Cat. 3
- Sensitization, respiratory, Cat. 1
- Toxic to reproduction, Cat. 2
- Aspiration hazard, Cat. 1
- Skin corrosion/irritation, Cat. 2
- Eye damage/irritation, Cat. 2A
- Sensitization, skin, Cat. 1
- Acute toxicity, inhalation, Cat. 4

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2.2 GHS label elements, including precautionary statements

Pictogram



Hazard statement(s)

H226	Flammable liquid and vapor
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled
H361	Suspected of damaging fertility or the unborn child [effect, route]
H304	May be fatal if swallowed and enters airways
H315	Causes skin irritation
H319	Causes serious eye irritation
H317	May cause an allergic skin reaction
H332	Harmful if inhaled

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.
P280	Wear protective gloves/eye protection/face protection/protective clothing.
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P403+P235	Store in a well-ventilated place. Keep cool.
P261	Avoid breathing dust/fume/gas/mist/vapors/spray.
P284	[In case of inadequate ventilation] wear respiratory protection.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P342+P311	If experiencing respiratory symptoms: Call a POISON CENTER/doctor.
P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P308+P313	IF exposed or concerned: Get medical advice/attention.
P405	Store locked up.
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER/doctor.
P331	Do NOT induce vomiting.
P302+P352	IF ON SKIN: Wash with plenty of water.
P332+P313	If skin irritation occurs: Get medical advice/attention.
P362+P364	Take off contaminated clothing and wash it before reuse.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P337+P313	If eye irritation persists: Get medical advice/attention.
P272	Contaminated work clothing must not be allowed out of the workplace.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P363	Wash contaminated clothing before reuse.
P271	Use only outdoors or in a well-ventilated area.
P312	Call a POISON CENTER/doctor if you feel unwell.

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SECTION 3: Composition/information on ingredients

3.1 Mixtures

Hazardous components

1. Calcium carbonate

Concentration	20 - 27 % (weight)
CAS no.	471-34-1

2. Toluene

Concentration	8 - 10 % (weight)
EC no.	203-625-9
CAS no.	108-88-3
Index no.	601-021-00-3

- Flammable liquids, Cat. 2
- Toxic to reproduction, Cat. 2
- Aspiration hazard, Cat. 1
- Specific target organ toxicity (single exposure), Cat. 3
- Specific target organ toxicity (repeated exposure), Cat. 2
- Skin corrosion/irritation, Cat. 2

H225	Highly flammable liquid and vapor
H304	May be fatal if swallowed and enters airways
H315	Causes skin irritation
H336	May cause drowsiness or dizziness
H361d	
H373	May cause damage to organs [organs] through prolonged or repeated exposure [route]

3. PHTHALIC ANHYDRIDE

Concentration	1 - 2 % (weight)
EC no.	201-607-5
CAS no.	85-44-9
Index no.	607-009-00-4

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

H302	Harmful if swallowed
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H318	Causes serious eye damage
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled
H335	May cause respiratory irritation

4. XYLENES (MIXED)

Concentration	1 - 2 % (weight)
EC no.	215-535-7

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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

5. Pentaerythritol

Concentration 1 - 2 % (weight)
CAS no. 115-77-5

6. Methanol

Concentration 2 % (weight)
EC no. 200-659-6
CAS no. 67-56-1
Index no. 603-001-00-X

- Flammable liquids, Cat. 2
- Acute toxicity, inhalation, Cat. 3
- Acute toxicity, dermal, Cat. 3
- Acute toxicity, oral, Cat. 3
- Specific target organ toxicity (single exposure), Cat. 1

H225 Highly flammable liquid and vapor
H301 Toxic if swallowed
H311 Toxic in contact with skin
H331 Toxic if inhaled
H370 Causes damage to organs [organs, route]

7. METHYL ETHYL KETOXIME

Concentration 1 % (weight)
EC no. 202-496-6
CAS no. 96-29-7
Index no. 616-014-00-0

- Carcinogenicity, Cat. 2
- Acute toxicity, dermal, Cat. 4
- Eye damage/irritation, Cat. 1
- Sensitization, skin, Cat. 1

H312 Harmful in contact with skin
H317 May cause an allergic skin reaction
H318 Causes serious eye damage
H351 Suspected of causing cancer [route]

8. Octanoic acid, cobalt salt (1:?)

Concentration 1 % (weight)
CAS no. 6700-85-2

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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	Supply fresh air and to be sure call for a doctor. In case of unconsciousness place patient stably in side position for transportation.
In case of skin contact	Wash off with soap and plenty of water.
In case of eye contact	Continue rinsing eyes during transport to hospital. Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
If swallowed	Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.
Personal protective equipment for first-aid responders	Wear proper protective equipments.

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

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

5.2 Specific hazards arising from the chemical

No further relevant information available.
Toluene: Carbon oxides

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.

For disposal see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Further processing of solid materials may result in the formation of combustible dusts. The potential for combustible dust formation should be taken into consideration before additional processing occurs. Provide appropriate exhaust ventilation at places where dust is formed. 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.

Specific end use(s)

No further relevant information available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

1. Toluene (CAS: 108-88-3)

PEL-TWA (Inhalation): 200 ppm (OSHA)

Central nervous system depression, causing fatigue, headache, confusion, paresthesia, dizziness, and muscular incoordination. Irritation of the eyes, mucous membranes, and upper respiratory tract

STEL (Inhalation): 150 ppm (OSHA)

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

REL (Inhalation): 100 ppm (375 mg/m³) (NIOSH)

Fatigue, weakness, confusion, headache, dizziness, drowsiness. Unconsciousness. Irritation of the eyes, respiratory tract, and skin

PEL-C (Inhalation): 300 ppm (OSHA)

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

PEL-Peak (Inhalation): 500 ppm (10 minutes) (OSHA)

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

TWA (Inhalation): 10 ppm (37 mg/m³) (Cal/OSHA)

Female reproductive toxicity, spontaneous abortion. Impaired color vision, impaired hearing, decreased performance in neurobehavioral analysis, changes in motor and sensory nerve conduction velocity, headache, and dizziness

TLV® (Inhalation): 20 ppm (75 mg/m³) (ACGIH)

Female reproductive system damage and pregnancy loss. Central nervous system impairment and visual impairment

STEL (Inhalation): 150 ppm (560 mg/m³) (NIOSH)

Fatigue, weakness, confusion, headache, dizziness, drowsiness. Unconsciousness. Irritation of the eyes, respiratory tract, and skin

PEL-C (Inhalation): 500 ppm Ceiling (Cal/OSHA)

Female reproductive toxicity, spontaneous abortion. Impaired color vision, impaired hearing, decreased performance in neurobehavioral analysis, changes in motor and sensory nerve conduction velocity, headache, and dizziness

PEL-ST (Inhalation): 150 ppm (560 mg/m³) - SKIN (Cal/OSHA)

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Female reproductive toxicity, spontaneous abortion. Impaired color vision, impaired hearing, decreased performance in neurobehavioral analysis, changes in motor and sensory nerve conduction velocity, headache, and dizziness

2. Phthalic anhydride (CAS: 85-44-9)

PEL (Inhalation): 2 ppm (OSHA)

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

PEL (Inhalation): 12 mg/m³ (OSHA)

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

PEL (Inhalation): 1 ppm (Cal/OSHA)

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

REL (Inhalation): 6 mg/m³ (NIOSH)

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

3. 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

4. Pentaerythritol (CAS: 115-77-5)

PEL (Inhalation): See PNOR (Cal/OSHA)

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

PEL (Inhalation): 15 mg/m³ (OSHA)

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

PEL (Inhalation): 10 mg/m³ (Cal/OSHA)

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

REL (Inhalation): 10 mg/m³ (NIOSH)

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

PEL (Inhalation): 5 mg/m³ (OSHA)

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

PEL (Inhalation): 5 mg/m³ (Cal/OSHA)

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

REL (Inhalation): 5 mg/m³ (NIOSH)

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

5. Methanol (CAS: 67-56-1 EC: 200-659-6)

PEL-TWA (Inhalation): 200 ppm, 260 mg/m³ (OSHA)

Headache. Nausea. Dizziness. Eye damage Substances for which there is a Biological Exposure Index or Indices Danger of cutaneous absorption

PEL-TWA (Inhalation): 200 ppm (Cal/OSHA)

PEL-ST (Inhalation): 250 ppm (Cal/OSHA)

PEL-C (Inhalation): 1000 ppm (Cal/OSHA)

PEL-ST (Inhalation): 250 ppm (NIOSH)

REL-TWA (Inhalation): 200 ppm (NIOSH)

TLV® (Inhalation): 200 ppm (ACGIH)

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TLV® (Inhalation): 250 ppm (ST) (ACGIH)

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

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	110-111 °C
Flash point	33 °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 with water.
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 recommended storage conditions.

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10.3 Possibility of hazardous reactions

None under normal use conditions.

10.4 Conditions to avoid

Avoid storing in direct sunlight and avoid extremes of temperature.

10.5 Incompatible materials

No further relevant information available.

Toluene: Strong oxidizing agents

Methanol: Acid chlorides, Acid anhydrides, Oxidizing agents, Alkali metals, Reducing agents, Acids

10.6 Hazardous decomposition products

No dangerous decomposition products known.

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity

Methanol

LD50 Oral - Rat - 1,187 - 2,769 mg/kg

Methanol

LD50 Skin - Rabbit - 17,100 mg/kg

Methanol

LD50 Inhalation - Rat - 128.2 mg/l - 4 h

Toluene

LD50 Oral - Rat - > 5,580 mg/kg

Toluene

LD50 Skin - Rabbit - 12,196 mg/kg

XYLENES (MIXED)

LD50 Inhalation - Rat

Skin corrosion/irritation

No irritant effect.

Serious eye damage/irritation

No data available

Respiratory or skin sensitization

Sensitisation possible through inhalation.

Sensitisation possible through skin contact.

Germ cell mutagenicity

No data available

Carcinogenicity

Carcinogenic

Reproductive toxicity

No data available

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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
Irritant
Carcinogenic
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

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

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 on product.

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.

Disposal of contaminated packaging

Disposal must be made according to official regulations.

Waste treatment

No further relevant information available.

Sewage disposal

Do not allow product to reach sewage system.

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Other disposal recommendations

No further relevant information available.

SECTION 14: Transport information

DOT (US)

UN Number: UN1263

Class: 3 Flammable liquids

Packing Group: III

Proper Shipping Name: 1263 PAINT

Reportable quantity (RQ): Not applicable

Marine pollutant: No data available

Poison inhalation hazard: No data available

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: Toluene

CAS number: 108-88-3

New Jersey Right To Know Components

Chemical name: Toluene

CAS number: 108-88-3

California Prop. 65 Components

State of California to cause birth defects or other reproductive harm.

Toluene

CAS-No. 108-88-3

Pennsylvania Right To Know Components

Chemical name: Toluene

CAS number: 108-88-3

California Prop. 65 components

Chemical name: Toluene

CAS number: 108-88-3

01/01/1991 - Developmental toxicity

07/08/2009 - Female reproductive toxicity (de-listed 07/03/2014)

Massachusetts Right To Know Components

Chemical name: Phthalic anhydride

CAS number: 85-44-9

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New Jersey Right To Know Components

Common name: PHTHALIC ANHYDRIDE
CAS number: 85-44-9

Pennsylvania Right To Know Components

Chemical name: 1,3-Isobenzofurandione
CAS number: 85-44-9

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

New Jersey Right To Know Components

Common name: PENTAERYTHRITOL
CAS number: 115-77-5

Pennsylvania Right To Know Components

Chemical name: 1,3-Propanediol, 2,2-bis(hydroxymethyl)-
CAS number: 115-77-5

Massachusetts Right To Know Components

Chemical name: Methanol
CAS number: 67-56-1

New Jersey Right To Know Components

Chemical name: Methanol
CAS number: 67-56-1

California Prop. 65 Components

State of California to cause birth defects or other reproductive harm.
Methanol
CAS-No. 67-56-1

Pennsylvania Right To Know Components

Chemical name: Methanol
CAS number: 67-56-1

California Prop. 65 components

Chemical name: Methanol
CAS number: 67-56-1
16/03/2012 - Developmental 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.