



NATIONAL PAINTS FACTORIES CO. LIMITED

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

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Product name NUMIX GUMA VINYL GUARD (W.B)

Brand NUMIX

1.2 Relevant identified uses of the substance or mixture and uses advised against

No further relevant information available.

1.3 Details of the supplier of the safety data sheet

Name National Paints
Address Maliha Road
5822 Industrial Area # 13 Sharjah
United Arab Emirates

Telephone +971 6 513 0000
email <http://www.national-paints.com>

1.4 Emergency telephone number

+971 6 513 0000

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 (CLP)

- Sensitization, respiratory, Cat. 1, H334
- Eye damage/irritation, Cat. 2A, H319
- Skin corrosion/irritation, Cat. 2, H315
- Sensitization, skin, Cat. 1, H317

For the full text corresponding to the "H"-codes displayed in this section, refer to Section 16.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008 [CLP]

Hazard pictograms

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Signal word

Danger

Hazard statement(s)

H315	Causes skin irritation
H317	May cause an allergic skin reaction
H319	Causes serious eye irritation
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled

Precautionary statement(s)

P261	Avoid breathing dust/fume/gas/mist/vapors/spray.
P264	Wash ... thoroughly after handling.
P272	Contaminated work clothing must not be allowed out of the workplace.
P280	Wear eye protection/face protection/protective gloves.
P284	[In case of inadequate ventilation] wear respiratory protection.
P302+P352	IF ON SKIN: Wash with plenty of water/...
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.
P321	Specific treatment (see ... on this label).
P332+P313	If skin irritation occurs: Get medical advice/attention.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P337+P313	If eye irritation persists: Get medical advice/attention.
P342+P311	If experiencing respiratory symptoms: Call a POISON CENTER/doctor/...
P362+P364	Take off contaminated clothing and wash it before reuse.
P363	Wash contaminated clothing before reuse.
P501	Dispose of contents/container to ...

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Hazardous components

1. N-BUTYL ACRYLATE

Concentration	10 - 15 % (weight)
EC no.	205-480-7
CAS no.	141-32-2
Index no.	607-062-00-3

- Flammable liquids, Cat. 3
- Specific target organ toxicity (single exposure), Cat. 3
- Skin corrosion/irritation, Cat. 2
- Serious eye damage/eye irritation, Cat. 2
- Sensitization, skin, Cat. 1

H226	Flammable liquid and vapor
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H319	Causes serious eye irritation
H335	May cause respiratory irritation

2. Calcium carbonate

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Concentration	10 - 15 % (weight)
CAS no.	471-34-1

3. Styrene acrylic polymer

Concentration	5 - 10 % (weight)
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4. Kaolin

Concentration	1 - 3 % (weight)
EC no.	310-194-1
CAS no.	1332-58-7

5. Sodium benzoate

Concentration	0.5 - 1 % (weight)
EC no.	208-534-8
CAS no.	532-32-1

- Eye damage/irritation, Cat. 2A

6. ACRYLIC ACID

Concentration	0.5 % (weight)
EC no.	201-177-9
CAS no.	79-10-7
Index no.	607-061-00-8

- Flammable liquids, Cat. 3
- Acute toxicity, inhalation, Cat. 4
- Acute toxicity, dermal, Cat. 4
- Acute toxicity, oral, Cat. 4
- Skin corrosion/irritation, Cat. 1A
- Hazardous to the aquatic environment, short-term (acute), Cat. 1

H226	Flammable liquid and vapor
H302	Harmful if swallowed
H312	Harmful in contact with skin
H314	Causes severe skin burns and eye damage
H332	Harmful if inhaled
H400	Very toxic to aquatic life

7. Ammonium Persulfate

Concentration	0.5 % (weight)
EC no.	231-786-5
CAS no.	7727-54-0
Index no.	016-060-00-6

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

H272	May intensify fire; oxidizer
H302	Harmful if swallowed

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H315	Causes skin irritation
H317	May cause an allergic skin reaction
H319	Causes serious eye irritation
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled
H335	May cause respiratory irritation

8. Propylene glycol

Concentration	1 - 3 % (weight)
EC no.	200-338-0
CAS no.	57-55-6

SECTION 4: First aid measures

4.1 Description of first aid measures

General notes	Consult a physician. Show this safety data sheet to the doctor in attendance.
Following inhalation	Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.
Following skin contact	Rinse with plenty of water. Get medical attention if irritation develops and persists.
Following eye contact	Rinse thoroughly with plenty of water for at least 15 minutes. Get medical attention if symptoms occur.
Following ingestion	Call a poison center or doctor if you feel unwell. 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. Acute and delayed symptoms and effects: May cause gastrointestinal irritation. Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhea.
Self-protection of the first aider	No further relevant information available.

4.2 Most important symptoms and effects, both 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 any immediate medical attention and special treatment needed

No data available

SECTION 5: Firefighting measures

5.1 Extinguishing media

No further relevant information available.

5.2 Special hazards arising from the substance or mixture

Sodium benzoate: Carbon oxides, Sodium oxides

5.3 Advice for firefighters

Wear self-contained breathing apparatus for firefighting if necessary.

SECTION 6: Accidental release measures

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.

6.2 Environmental precautions

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

6.3 Methods and material for containment and cleaning up

Pick up and arrange disposal without creating dust. Sweep up and shovel. Do not flush with water. Keep in suitable, closed containers for disposal.

6.4 Reference to other sections

For disposal see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Ensure adequate ventilation. Wash hands before breaks and immediately after handling the product. Avoid contact with skin, eyes and clothing. Avoid ingestion and inhalation. Avoid dust formation. 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.

7.3 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. Kaolin (CAS: 1332-58-7)

Parameter	PEL
Route of exposure	Inhalation
Value	15 mg/m ³
Source	OSHA
Basis / monitoring / notes	OSHA Annotated Table Z-1, www.osha.gov

Parameter	REL
Route of exposure	Inhalation
Value	10 mg/m ³
Source	NIOSH
Basis / monitoring / notes	OSHA Annotated Table Z-1, www.osha.gov

Parameter	PEL
Route of exposure	Inhalation
Value	2 mg/m ³ , (no asbestos, < 1% crystalline silica)
Source	Cal/OSHA
Basis / monitoring / notes	OSHA Annotated Table Z-1, www.osha.gov

2. Propylene glycol (CAS: 57-55-6 EC: 200-338-0)

Country	USA
Parameter	TWA
Route of exposure	Inhalation
Value	10 mg/m ³

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Source	OSHA
Basis / monitoring / notes	USA. Workplace Environmental Exposure Levels (WEEL)

8.2 Exposure controls

Appropriate engineering controls

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Personal protection equipment

Eye and face protection

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

Skin protection

No further relevant information available.

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

Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. 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

Do not let product enter drains.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance	Paste
Odour	Characteristic
Odour threshold	Not determined.
pH	Not determined.
Melting point / freezing point	Undetermined
Initial boiling point and boiling range	100 °C
Flash point	Not determined.
Evaporation rate	Not determined.
Flammability (solid, gas)	Not applicable
Upper/lower flammability limits	Not applicable
Upper/lower explosive limits	1.2 Vol%
	8 Vol%
Vapour pressure	23 hPa
Vapour density	Not determined.
Relative density	1.5
Solubilit(ies)	Fully miscible in water
Partition coefficient: n-octanol/water	Not determined.
Auto-ignition temperature	Product is not selfigniting.
Decomposition temperature	Not determined.
Viscosity	30 Poise

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Explosive properties
Oxidising properties

Product does not present an explosion hazard.
Not determined.

9.2 Other information

No further relevant information available.

SECTION 10: Stability and reactivity

10.1 Reactivity

None under normal use conditions.

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

None under normal use conditions.

10.4 Conditions to avoid

None under normal use conditions.

10.5 Incompatible materials

Kaolin: Strong oxidizing agents

Propylene glycol: Acid chlorides, Acid anhydrides, Oxidizing agents, Chloroformates, Reducing agents

10.6 Hazardous decomposition products

Propylene glycol: Other decomposition products - No data available
In the event of fire: see section 5

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Propylene glycol
LD50 Oral - Rat - 20,000 mg/kg

Propylene glycol
LD50 Skin - Rabbit - 20,800 mg/kg

Propylene glycol
LD50 Intramuscular - Rat - 14 g/kg

Propylene glycol
LD50 Intravenous - Dog - 26 g/kg

Propylene glycol
LD50 Intraperitoneal - Rat - 6,660 mg/kg

Propylene glycol
LD50 Subcutaneous - Rat - 22,500 mg/kg

Propylene glycol
LD50 Intravenous - Rat - 6,423 mg/kg

Propylene glycol
LD50 Intraperitoneal - Mouse - 9,718 mg/kg

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Remarks: Lungs, Thorax, or Respiration:Chronic pulmonary edema. Kidney, Ureter, Bladder:Changes in both tubules and glomeruli. Blood:Changes in spleen.

Propylene glycol

LD50 Subcutaneous - Mouse - 17,370 mg/kg

Remarks: Behavioral:Change in motor activity (specific assay). Behavioral:Muscle contraction or spasticity. Cyanosis

Propylene glycol

LD50 Intravenous - Mouse - 6,630 mg/kg

Propylene glycol

LD50 Intravenous - Rabbit - 6,500 mg/kg

Skin corrosion/irritation

Irritating to skin.

Serious eye damage/irritation

Causes eye irritation.

Respiratory or skin sensitization

May cause an allergic skin reaction

Germ cell mutagenicity

No data available

Carcinogenicity

Propylene glycol

Result: IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity

No data available

STOT-single exposure

No data available

STOT-repeated exposure

No data available

Aspiration hazard

May be fatal if swallowed and enters airways.

SECTION 12: Ecological information

12.1 Toxicity

Propylene glycol

NOEC - Pimephales promelas (fathead minnow) - 52,930 mg/l - 96 h

Propylene glycol

NOEC - Daphnia magna (water flea) - 13,020 mg/l - 48 h

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Propylene glycol
EC50 - Daphnia magna (water flea) - >10,000 mg/l - 48 h

12.2 Persistence and degradability

Sodium benzoate

Result: Result: 90 % - Readily biodegradable.

12.3 Bioaccumulative potential

No data available on product

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

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

12.6 Other adverse effects

No data available

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Disposal of the product

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

Disposal of contaminated packaging

Dispose of as unused product.

Waste treatment

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

SECTION 14: Transport information

14.1	UN Number	None
14.2	UN Proper Shipping Name	None
14.3	Transport hazard class(es)	None
14.4	Packing group	None
14.5	Environmental hazards	None
14.6	Special precautions for user	None
14.7	Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	None

SECTION 15: Regulatory information

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

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: Butyl acrylate

CAS number: 141-32-2

Chemical name: Acrylic acid

CAS number: 79-10-7

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No components are subject to the Massachusetts Right to Know Act.

New Jersey Right To Know Components

Common name: BUTYL ACRYLATE

CAS number: 141-32-2

Common name: KAOLIN

CAS number: 1332-58-7

Sodium benzoate

CAS-No. 532-32-1

Common name: ACRYLIC ACID

CAS number: 79-10-7

Common name: AMMONIUM PERSULFATE

CAS number: 7727-54-0

Propylene glycol

CAS number: 57-55-6

Pennsylvania Right To Know Components

Chemical name: 2-Propenoic acid, butyl ester

CAS number: 141-32-2

Chemical name: Kaolin

CAS number: 1332-58-7

Sodium benzoate

CAS-No. 532-32-1

Chemical name: 2-Propenoic acid

CAS number: 79-10-7

Propylene glycol

CAS number: 57-55-6

SARA 302 Components

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

SARA 311/312 Hazards

Acute Health Hazard

No SARA Hazards

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.

HMIS Rating

Health	1
Flammability	0
Physical hazard	0
Personal protection	B

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NFPA Rating

Health hazard	0
Fire hazard	0
Reactivity hazard	0
Special hazard	ALK

SECTION 16: Other information

Full text of hazard statements referenced in Section 2

H315	Causes skin irritation
H317	May cause an allergic skin reaction
H319	Causes serious eye irritation
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled

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.