

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

1.1. Product identifier

Product form : Mixture
 Product name : RubberBase
 Type of product : Cosmetic product
 Product group : Blend

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

1.2.1. Relevant identified uses

Main use category : Professional use
 Industrial/Professional use spec : For professional use only
 Function or use category : Coating

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

NAIL SYSTEMS INTERNATIONAL
 2 Union Hill Road
 19428 W. Conshohocken, PA - UNITED STATES
 T 877-354-8130 or 610-825-1524 - F 610-825-2738
www.nsinails.com

1.4. Emergency telephone number

Emergency number : Infotrac (800) 535-5053 - Outside USA +1 352 323 3500

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Eye Irrit. 2 H319
 Skin Sens. 1 H317
 Full text of H-phrases: see section 16

2.2. Label elements

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

Hazard pictograms (CLP) :



GHS07

GHS08

Signal word (CLP) : Warning
 Hazardous ingredients : Ethylene Glycol Dimethacrylate, Hydroxypropyl Methacrylate
 Hazard statements (CLP) : H317 - May cause an allergic skin reaction
 H319 - Causes serious eye irritation
 Precautionary statements (CLP) : P201 - Obtain special instructions before use
 P202 - Do not handle until all safety precautions have been read and understood
 P261 - Avoid breathing vapors
 P272 - Contaminated work clothing should not be allowed out of the workplace
 P280 - Wear protective gloves, eye protection
 P302+P352 - IF ON SKIN: Wash with plenty of Wash off immediately with soap and plenty of water

2.3. Other hazards

Adverse physicochemical, human health and environmental effects : May cause respiratory irritation. Causes skin irritation. May cause an allergic skin reaction.

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according to Regulation (EC) No. 453/2010

SECTION 3: Composition/Information on ingredients

3.1. Substance

Not applicable

3.2. Mixture

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Polyurethane acrylate oligomer	(CAS No) EXEMPT (EC no) N/E	25- 50	Not classified
Hydroxypropyl Methacrylate	(CAS No) 27813-02-1 (EC no) 248-666-3 (EC index no) 607-125-00-5	10 - 25	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317
CELLULOSE ACETATE BUTYRATE	(CAS No) 9004-36-8	10 - 25	Not classified
Ethyl (2,4,6-trimethylbenzoyl) Phenylphosphinate	(CAS No) 84434-11-7 (EC no) 282-810-6	1 - 5	Not classified
Hydroxycyclohexyl phenyl ketone	(CAS No) 947-19-3 (EC no) 213-426-9	1 - 5	Not classified
Silica	(CAS No) 112945-52-5 (EC no) 231-545-4	0.1 - 1	Not classified
Ethylene Glycol Dimethacrylate	(CAS No) 97-90-5 (EC no) 202-617-2 (EC index no) 607-114-00-5	0.1 - 1	Skin Sens. 1, H317 STOT SE 3, H335
BIS PHOSPHATE	(CAS No) 32435-46-4	0.1 - 1	Not classified
CI 77891 (Titanium Dioxide)	(CAS No) 13463-67-7 (EC no) 236-675-5	0.1 - 1	Not classified
CI 42090 (Blue 1)	(CAS No) 3844-45-9 (EC no) 223-339-8	< 0.1	Not classified
CI 77491 (Iron Oxides)	(CAS No) 1309-37-1 (EC no) 215-168-2	< 0.1	Not classified
CI 77266 (Carbon Black)	(CAS No) 1333-86-4 (EC no) 215-609-9	< 0.1	Not classified
CI 77492	(CAS No) 20344-49-4 (EC no) 215-570-8	< 0.1	Not classified
CI 15850 (Red 7)	(CAS No) 5281-04-9 (EC no) 226-109-5	< 0.1	Not classified
CI 77510 (Ferric ammonium ferrocyanide)	(CAS No) 25869-00-5 (EC no) 247-304-1	< 0.1	Not classified
CI77742 (Manganese Violet)	(CAS No) 10101-66-3 (EC no) 233-257-4	< 0.1	Not classified
Mequinol	(CAS No) 150-76-5 (EC no) 205-769-8 (EC index no) 604-044-00-7	<200ppm	Acute Tox. 4 (Oral), H302 Eye Irrit. 2, H319 Skin Sens. 1, H317
Hydroquinone	(CAS No) 123-31-9 (EC no) 204-617-8 (EC index no) 604-005-00-4	<200ppm	Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318 Skin Sens. 1, H317 Muta. 2, H341 Carc. 2, H351 Aquatic Acute 1, H400

Specific concentration limits:

Name	Product identifier	Specific concentration limits
Ethylene Glycol Dimethacrylate	(CAS No) 97-90-5 (EC no) 202-617-2 (EC index no) 607-114-00-5	(C >= 10) STOT SE 3, H335

Full text of H-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general	: IF exposed or concerned: Get medical advice/attention.
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact	: Wash skin with plenty of water. Take off contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention.
First-aid measures after eye contact	: Rinse eyes with water as a precaution.
First-aid measures after ingestion	: Call a poison center/doctor/physician if you feel unwell.

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4.2. Most important symptoms and effects, both acute and delayed

Symptoms/injuries after skin contact : May cause an allergic skin reaction.
Symptoms/injuries after eye contact : Causes serious eye damage.

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically. If swallowed, contact a poison control center or physician immediately.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.

5.2. Special hazards arising from the substance or mixture

Hazardous decomposition products in case of fire : Toxic fumes may be released.

5.3. Advice for firefighters

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures : Ventilate spillage area. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapors/spray.

6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Take up liquid spill into absorbent material. Notify authorities if product enters sewers or public waters.
Other information : Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

For further information refer to section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear personal protective equipment. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapors/spray.
Hygiene measures : Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store locked up. Store in a well-ventilated place. Keep cool.
Incompatible products : Shield UV light sources.
Storage area : Keep away from heat and direct sunlight. Keep container closed when not in use. Store in a well-ventilated place.
Special rules on packaging : Keep only in original container.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

RubberBase	
DNEL/DMEL (General population)	
Acute - systemic effects, dermal	>= mg/kg body weight
PNEC (Soil)	
PNEC soil	≈ mg/kg dwt

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8.2. Exposure controls

Appropriate engineering controls	: Ensure good ventilation of the work station.
Hand protection	: Protective gloves
Eye protection	: Safety glasses
Skin and body protection	: Wear suitable protective clothing
Respiratory protection	: Wear respiratory protection
Environmental exposure controls	: Avoid release to the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Appearance	: Liquid. Viscous.
Color	: pink.
Odor	: characteristic. Acrylic.
Odor threshold	: No data available
pH	: No data available
Relative evaporation rate (butyl acetate=1)	: No data available
Melting point	: Not applicable
Freezing point	: No data available
Boiling point	: No data available
Flash point	: > 199.9 °F Closed Cup
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: Not applicable
Vapor pressure	: No data available
Relative vapor density at 20 °C	: ≈
Relative density	: 1.11
Solubility	: No data available
Log Pow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available
Explosion limits	: No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

Freezing. Keep out of direct sunlight.

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity	: Not classified
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Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	: Causes serious eye irritation.
Respiratory or skin sensitization	: May cause an allergic skin reaction.
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
Specific target organ toxicity (single exposure)	: Not classified
Specific target organ toxicity (repeated exposure)	: Not classified
Aspiration hazard	: Not classified
Potential Adverse human health effects and symptoms	: Eye irritation. Irritation: severely irritant to eyes. May cause sensitization by skin contact.

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general	: The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.
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12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste treatment methods	: Dispose of contents/container in accordance with licensed collector's sorting instructions.
Sewage disposal recommendations	: Do not dispose of waste into sewer.
Waste disposal recommendations	: Avoid release to the environment. Comply with local regulations for disposal. Dispose in a safe manner in accordance with local/national regulations.
Ecology - waste materials	: Avoid release to the environment.

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

14.1. UN number

Not regulated for transport

14.2. UN proper shipping name

Proper Shipping Name (ADR)	: Not applicable
Proper Shipping Name (IATA)	: Not applicable

14.3. Transport hazard class(es)

ADR

Transport hazard class(es) (ADR)	: Not applicable
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IATA

Transport hazard class(es) (IATA)	: Not applicable
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14.4. Packing group

Packing group (ADR)	: Not applicable
Packing group (IATA)	: Not applicable

14.5. Environmental hazards

Dangerous for the environment	: No
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Other information

: No supplementary information available

14.6. Special precautions for user

- Overland transport

No data available

- Air transport

No data available

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no REACH candidate substance

Contains no REACH Annex XIV substances.

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Full text of H- and EUH-phrases:

Acute Tox. 4 (Oral)	Acute toxicity (oral) Category 4
Aquatic Acute 1	Hazardous to the aquatic environment - Acute Hazard Category 1
Carc. 2	Carcinogenicity Category 2
Eye Dam. 1	Serious eye damage/eye irritation Category 1
Eye Irrit. 2	Serious eye damage/eye irritation Category 2
Muta. 2	Germ cell mutagenicity Category 2
Skin Irrit. 2	Skin corrosion/irritation Category 2
Skin Sens. 1	Skin sensitization Category 1
STOT SE 3	Specific target organ toxicity (single exposure) Category 3
H302	Harmful if swallowed
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H318	Causes serious eye damage
H319	Causes serious eye irritation
H335	May cause respiratory irritation
H341	Suspected of causing genetic defects
H351	Suspected of causing cancer
H400	Very toxic to aquatic life

SDS EU (REACH Annex II)

For EU Regulatory Inquiries, please contact:

Biorius
Rue de la Croyere 10A
BE-7170 MANAGE
Tel: 32 2 888 40 10

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