

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

1.1. Product identifier

Product code : NOBIL GRIP

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

anaerobic adhesive

Sectors of use:

Professional use

Uses advised against

Do not use for purposes other than those listed

1.3. Details of the supplier of the safety data sheet

Nobil Metal Spa
Strada San Rocco, 28 - 14018 Villafranca d'Asti - Italy
tel. +39 0141 933811 fax +39 0141 943840

Email:contact@nobilmetal.it - Sito internet: www.nobilmetal.it

1.4. Emergency telephone number

+39 0141 933811 - 8.30-12,30 / 13.30-17.30

SECTION 2. Hazards identification

2.1. Classification of the substance or mixture

2.1.1 Classification according to Regulation (EC) No 1272/2008:

Pictograms:
GHS07

Hazard Class and Category Code(s):
Skin Sens. 1B, Eye Irrit. 2, STOT SE 3, Aquatic Chronic 3

Hazard statement Code(s):
H317 - May cause an allergic skin reaction.
H319 - Causes serious eye irritation.
H335 - May cause respiratory irritation.
H412 - Harmful to aquatic life with long lasting effects.

If brought into contact with eyes the product, causes significant irritations which can last for more than 24 hours, if inhaled, causes irritations to the respiratory tract.

The product, if brought into contact with skin can cause skin sensitization.

The product is dangerous to the environment as it is harmful to aquatic life with long lasting effects

2.2. Label elements

Labelling according to Regulation (EC) No 1272/2008:

Pictogram, Signal Word Code(s):
GHS07 - Warning



Hazard statement Code(s):

- H317 - May cause an allergic skin reaction.
- H319 - Causes serious eye irritation.
- H335 - May cause respiratory irritation.
- H412 - Harmful to aquatic life with long lasting effects.

Supplemental Hazard statement Code(s):

not applicable

Precautionary statements:

Prevention

- P261 - Avoid breathing vapours.
- P273 - Avoid release to the environment.
- P280 - Wear protective gloves.

Response

- P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.
- P337+P313 - If eye irritation persists: Get medical advice/attention.

Disposal

- P501 - Dispose of contents/container in accordance with national regulation.

Contains:

Propylene glycol dimethacrylate, Hydroxypropyl methacrylate, 2,2-Ethylenedioxydiethyl dimethacrylate, Methacryloyloxyethyl succinate, Cumene hydroperoxide, 2-Hydroxyethyl methacrylate, 1,2-Acetyl phenylhydrazine.

2.3. Other hazards

The substance / mixture NOT contains substances PBT/vPvB according to Regulation (EC) No 1907/2006, Annex XIII

No information on other hazards

SECTION 3. Composition/information on ingredients

3.1 Substances

Irrilevant

3.2 Mixtures

Refer to paragraph 16 for full text of hazard statements

Note D - Certain substances which are susceptible to spontaneous polymerisation or decomposition are generally placed on the market in a stabilised form. It is in this form that they are listed in Part 3. However, such substances are sometimes placed on the market in a non-stabilised form. In this case, the supplier must state on the label the name of the substance followed by the words 'non-stabilised'.

Substance	Concentration[w/w]	Classification	Index	CAS	EINECS	REACH
hydroxypropyl methacrylate	>= 30 < 50%	Skin Sens. 1, H317; Eye Irrit. 2, H319	ND	27813-02-1	248-666-3	01-2119490 226-37
2,2-Ethylenedioxydiethyl dimethacrylate	>= 5 < 10%	Skin Sens. 1, H317	ND	109-16-0	203-652-6	01-2119969 287-21
cumene hydroperoxide	>= 1 < 3%	Org. Perox. E, H242; Acute Tox. 4, H302; Acute Tox. 4, H312; Skin Corr. 1B, H314; Acute Tox. 3, H331;	617-002-00-8	80-15-9	201-254-7	01-2119475 796-19

In conformity to Regulation (EU) 2020/878

Substance	Concentration[w/w]	Classification	Index	CAS	EINECS	REACH
		STOT RE 2, H373; Aquatic Chronic 2, H411 Limits: Skin Corr. 1B, H314 %C >=10; Skin Irrit. 2, H315 3<= %C <10; Eye Dam. 1, H318 3<= %C <10; Eye Irrit. 2, H319 1<= %C <3; STOT SE 3, H335 1<= %C <10;				
Methacryloyloxyethyl succinate	>= 1 < 3%	Skin Irrit. 2, H315; Skin Sens. 1, H317; Eye Dam. 1, H318	ND	20882-04-6	244-096-4	01-2120137 902-58
1,2-acetyl phenylhydrazine	>= 0,1 < 1%	Acute Tox. 3, H301; Skin Irrit. 2, H315; Skin Sens. 1, H317; Eye Irrit. 2, H319; STOT SE 3, H335	ND	114-83-0	204-055-3	NR
2-hydroxyethyl methacrylate Note: D	>= 0,1 < 1%	Skin Irrit. 2, H315; Skin Sens. 1, H317; Eye Irrit. 2, H319	607-124-00-X	868-77-9	212-782-2	01-2119490 169-29
methacrylic acid Note: D	>= 0,1 < 1%	Acute Tox. 4, H302; Acute Tox. 4, H312; Skin Corr. 1A, H314 Limits: STOT SE 3, H335 %C >=1;	607-088-00-5	79-41-4	201-204-4	01-2119463 884-26
Propylene glycol dimethacrylate	>= 0,1 < 1%	Skin Sens. 1B, H317; STOT SE 3, H335	ND	7559-82-2	616-239-4	NR
1,4-Naphthalenedione	< 0,1%	Acute Tox. 3, H301; Skin Irrit. 2, H315; Skin Sens. 1, H317; Eye Irrit. 2, H319; Acute Tox. 1, H330; STOT SE 3, H335; Aquatic Acute 1, H400; Aquatic Chronic 1, H410 Acute toxicity M-factor = 10 Chronic toxicity M-factor = 10	ND	130-15-4	204-977-6	NR

SECTION 4. First aid measures

4.1. Description of first aid measures

Inhalation:

Air the area. Move immediately the contaminated patient from the area and keep him at rest in a well ventilated room. If symptoms persist, seek medical advice.

Direct contact with skin (of the pure product):

Wash immediately with plenty of running water and possibly with soap, the areas of the body that have, or are only suspected to have, come in contact with the product. Obtain medical attention if irritation persists.

Direct contact with eyes (of the pure product):

Wash immediately and thoroughly with running water, keeping eyelids open for at least 10 minutes. Seek medical advice immediately

Do not use eye drops or ointments of any kind before the examination or advice from an oculist.

Ingestion:

Rinse mouth, do not induce vomiting, consult a doctor.

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

EYE: Irritation, conjunctivitis.

RESPIRATORY: Irritation, coughing, shortness of breath, chest tightness.

SKIN: Rash, Urticaria.

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

If skin irritation or rash occurs: Get medical advice/attention.

If eye irritation persists: Get medical advice/attention.

SECTION 5. Firefighting measures

5.1. Extinguishing media

Advised extinguishing agents:

CO₂, foam, powder

Extinguishing means to avoid:

None known

5.2. Special hazards arising from the substance or mixture

In the event of a fire, carbon monoxide (CO), carbon dioxide (CO₂) and nitrogen oxides (NO_x) can be released.

5.3. Advice for firefighters

Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear.

Additional information:

In case of fire, keep containers cool with water spray.

SECTION 6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1 For non-emergency personnel:

Leave the area surrounding the spill or release. Do not smoke

Wear protective clothing.

6.1.2 For emergency responders:

Wear mask, gloves and protective clothing.

Eliminate all unguarded flames and possible sources of ignition. No smoking.

Provision of sufficient ventilation.

Evacuate the danger area and, in case, consult an expert.

6.2. Environmental precautions

Contain spill with earth or sand.

If the product has entered a watercourse in sewers or has contaminated soil or vegetation, notify it to the authorities.

6.3. Methods and material for containment and cleaning up

6.3.1 For containment:

For small spills wipe up with paper towel and place in container for disposal.

For large spills absorb onto inert absorbent material and place in sealed container for disposal.
Dispose of contaminated material as waste according to Section 13.

6.3.2 For cleaning up:
After wiping up, wash with water the area and materials involved

6.3.3 Other information:
None in particular.

6.4. Reference to other sections

Refer to paragraphs 8 and 13 for more information

SECTION 7. Handling and storage

7.1. Precautions for safe handling

Avoid contact and inhalation of vapors
Wear protective gloves.
At work do not eat or drink.
Contaminated work clothing should not be allowed out of the workplace.
See also paragraph 8 below.

7.2. Conditions for safe storage, including any incompatibilities

Keep in original container closed tightly. Do not store in open or unlabeled containers.
Keep containers upright and safe by avoiding the possibility of falls or collisions.
Store in a cool place, away from sources of heat and direct exposure of sunlight.

7.3. Specific end use(s)

Store in a ventilated area and away from heat, keep the container tightly closed.

SECTION 8. Exposure controls/personal protection

8.1. Control parameters

- Substance: 1,4-Naphthalenedione
DNEL
Systemic effects Long term Workers inhalation = 0,0329 (mg/m³)
PNEC
Sweet water = 0,000026 (mg/l)
sediment Sweet water = 0,000321 (mg/kg/sediment)
Sea water = 0,000003 (mg/l)
sediment Sea water = 0,000032 (mg/kg/sediment)
intermittent emissions = 0,000026 (mg/l)
STP = 0,172 (mg/l)
ground = 0,000049 (mg/kg ground)

8.2. Exposure controls

Appropriate engineering controls:
Ensure good ventilation/extraction.

Individual protection measures:



(a) Eye / face protection

Safety glasses with sideshields or chemical safety goggles should be worn if there is a risk of splashing. Protective eye equipment should conform to EN166.

(b) Skin protection

(i) Hand protection

Chemical-resistant protective gloves (EN 374).

Suitable materials for short-term contact or splashes (recommended: at least protection index 2, corresponding to > 30 minutes permeation time as per EN 374): nitrile rubber (NBR; ≥ 0.4 mm thickness)

Suitable materials for longer, direct contact (recommended: protection index 6, corresponding to > 480 minutes permeation time as per EN 374): nitrile rubber (NBR; ≥ 0.4 mm thickness)

This information is based on literature references and on information provided by glove manufacturers, or is derived by analogy with similar substances. Please note that in practice the working life of chemical-resistant protective gloves may be considerably shorter than the permeation time determined in accordance with EN 374 as a result of the many influencing factors (e.g. temperature). If signs of wear and tear are noticed then the gloves should be replaced.

(ii) Other

Wear normal work clothing.

(c) Respiratory protection

Ensure adequate ventilation.

An approved mask or respirator fitted with an organic vapour cartridge should be worn if the product is used in a poorly ventilated area

Filter type: A (EN 14387)

(d) Thermal hazards

No hazard to report

SECTION 9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical and chemical properties	Value	Determination method
Appearance	liquid	
Colour	green	
Odour	delicate	
Odour threshold	irrelevant	
pH	irrelevant	
Melting point/freezing point	irrelevant	
Initial boiling point and boiling range	> 149 °C	
Flash point	> 93 °C	
Evaporation rate	irrelevant	
Flammability (solid, gas)	irrelevant	
Upper/lower flammability or explosive limits	irrelevant	
Vapour pressure	0,3 mbar (20 °C)	
Vapour density	irrelevant	
Relative density	1,1 g/cm ³	
Solubility(ies)	miscible in acetone	
Water solubility	partially soluble	

Physical and chemical properties	Value	Determination method
Partition coefficient: n-octanol/water	irrelevant	
Auto-ignition temperature	irrelevant	
Decomposition temperature	irrelevant	
Viscosity	irrelevant	
Explosive properties	irrelevant	
Oxidising properties	irrelevant	

9.2. Other information

No data available.

SECTION 10. Stability and reactivity

10.1. Reactivity

Reacts with strong oxidants.

10.2. Chemical stability

No hazardous reaction when handled and stored according to provisions.

10.3. Possibility of hazardous reactions

See section reactivity

10.4. Conditions to avoid

No decomposition if used according to specifications.

10.5. Incompatible materials

See section reactivity

10.6. Hazardous decomposition products

Carbon oxides

SECTION 11. Toxicological information

11.1. Information on toxicological effects

ATE(mix) oral = 8.064,5 mg/kg

ATE(mix) dermal = 40.740,7 mg/kg

ATE(mix) inhal = 150,0 mg/l/4 h

- (a) acute toxicity: based on available data, the classification criteria are not met.
- (b) skin corrosion/irritation based on available data, the classification criteria are not met.
- (c) serious eye damage/irritation: If brought into contact with eyes, the product, causes significant irritations which may last for more than 24 hours.
- (d) respiratory or skin sensitization: The product, if brought into contact with skin can cause skin sensitization.
- (e) germ cell mutagenicity: based on available data, the classification criteria are not met.
- (f) carcinogenicity: based on available data, the classification criteria are not met.
- (g) reproductive toxicity: based on available data, the classification criteria are not met.

(h) specific target organ toxicity (STOT) single exposure: If inhaled the product, causes irritations to the respiratory tract.

(i) specific target organ toxicity (STOT) repeated exposure based on available data, the classification criteria are not met.

(j) aspiration hazard: based on available data, the classification criteria are not met.

1,4-Naphthalenedione:

LD50 (rat) Oral (mg/kg body weight) = 124

CL50 Inhalation (rat) vapour/dust/mist/fume (mg/l/4h) or gas (ppmV/4h) = 0,046

11.2. Information on other hazards

No data available.

SECTION 12. Ecological information

12.1. Toxicity

1,4-Naphthalenedione:

C(E)L50 (mg/l) = 0,045 Acute toxicity M-factor = 10

NOEC (mg/l) = 0,07 Chronic toxicity M-factor = 10

The product is dangerous for the environment as it is toxic for aquatic organisms following acute exposure.

Use according to good working practices to avoid pollution into the environment.

12.2. Persistence and degradability

The product is not biodegradable.

12.3. Bioaccumulative potential

The product has not bioaccumulative potential.

12.4. Mobility in soil

Cured adhesives are immobile.

12.5. Results of PBT and vPvB assessment

No PBT/vPvB ingredient is present

12.6. Endocrine disrupting properties

No data available.

12.7. Other adverse effects

No adverse effects

SECTION 13. Disposal considerations

13.1. Waste treatment methods

Product disposal: Do not empty into drains / surface water / ground water. Dispose of in accordance with local and

national regulations.

Disposal of uncleaned packages: After use, tubes, cartons and bottles containing residual product should be disposed of as chemically contaminated waste in an authorised legal land fill site or incinerated. Disposal must be made according to official regulations.

Waste code

08 04 09* waste adhesives and sealants containing organic solvents and other dangerous substances

The valid EWC waste code numbers are source-related. The manufacturer is therefore unable to specify EWC waste codes for the articles or products used in the various sectors. The EWC codes listed are intended as a recommendation for users. We will be happy to advise you.

SECTION 14. Transport information

14.1. UN number

Not included in the scope of application regulations concerning the transport of dangerous goods: by road (ADR); by rail (RID); by air (ICAO / IATA); by sea (IMDG).

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

No data available.

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

It is not intended to carry bulk

SECTION 15. Regulatory information

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

VOC content < 3%
(2010/75/EC)

15.2. Chemical safety assessment

No chemical safety assessment was carried out by the supplier

SECTION 16. Other information

16.1. Other information

Description of the hazard statements exposed to point 3

H317 = May cause an allergic skin reaction.
H319 = Causes serious eye irritation.
H242 = Heating may cause a fire.
H302 = Harmful if swallowed.
H312 = Harmful in contact with skin.
H314 = Causes severe skin burns and eye damage.
H331 = Toxic if inhaled.
H373 = May cause damage to organs through prolonged or repeated exposure .
H411 = Toxic to aquatic life with long lasting effects.
H315 = Causes skin irritation.
H318 = Causes serious eye damage.
H301 = Toxic if swallowed.
H335 = May cause respiratory irritation.
H330 = Fatal if inhaled.
H400 = Very toxic to aquatic life.
H410 = Very toxic to aquatic life with long lasting effects.

Classification based on data of all mixture components

GENERAL BIBLIOGRAPHY:

1. Directive 1999/45/EC and subsequent updates
2. Directive 67/548/EEC and subsequent amendments and adjustments
3. Council Regulation (EC) 1907/2006 of the European Parliament (REACH)
4. Regulation (EC) 1272/2008 of the European Parliament (CLP) and subsequent updates
5. Council Regulation (EC) no 758/2013 of the European Parliament
6. Regulation (EC) no 453/2010 of the European Parliament
7. Regulation (EC) No 528/2012 European Parliament and subsequent updates
8. Council Regulation (EC) 648/2004 of the European Parliament and subsequent updates
9. The Merck Index And 10.
10. Handling Chemical Safety
11. Niosh Registry of Toxic Effects of Chemical Substances
12. INRS-Centre Piece
13. Patty-Industrial Hygiene and Toxicology
14. N.I. Sax-Dangerous properties of Industrial Materials-7 Ed., 1989

Note to the user:

the information in this tab are based on knowledge available to us on the date of the latest version.

The user must ensure the fitness and completeness of the information in relation to the specific use of the product.

You should not interpret it as a guarantee of any specific property of the product.

For the use of the product does not fall under our direct control, the obligation of the user to observe under their own liability laws and regulations on hygiene and safety. Do not assume liability for improper use.

This tab replaces and cancels all previous