

## **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  
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](mailto:contact@nobilmetal.it) - Sito internet: [www.nobilmetal.it](http://www.nobilmetal.it)

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### **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. 1, Eye Irrit. 2, STOT SE 3

Hazard statement Code(s):  
H317 - May cause an allergic skin reaction.  
H319 - Causes serious eye irritation.  
H335 - May cause respiratory irritation.

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.

### **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.

### Precautionary statements:

#### Prevention

P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.  
P280 - Wear protective gloves/protective clothing/eye protection/face protection.

#### Response

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

### Contains:

hydroxypropyl methacrylate, 2,2-Ethylenedioxydiethyl dimethacrylate, Methacryloyloxyethyl succinate, cumene hydroperoxide, methacrylic acid, 2-hydroxyethyl methacrylate  
1 2 acetyl phenylhydrazine: It can produce an allergic reaction.

### 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

Substance	Concentration	Classification	Index	CAS	EINECS	REACH
hydroxypropyl methacrylate	> 30 <= 50%	Skin Sens. 1, H317; Eye Irrit. 2, H319		27813-02-1	248-666-3	
2,2-Ethylenedioxydiethyl dimethacrylate	> 5 <= 10%	Skin Sens. 1, H317		109-16-0	203-652-6	
Methacryloyloxyethyl succinate	> 1 <= 5%	Skin Irrit. 2, H315; Skin Sens. 1, H317; Eye Dam. 1, H318		20882-04-6	244-096-4	
cumene hydroperoxide	> 1 <= 5%	Org. Perox. E, H242; Acute Tox. 4, H302; Acute Tox. 4, H312; Skin Corr. 1B, H314; Acute Tox. 3, H331; STOT RE 2, H373; Aquatic Chronic 2, H411	617-002-00-8	80-15-9	201-254-7	
methacrylic acid	> 0,1 <= 1%	Acute Tox. 4, H302; Acute Tox. 4, H312; Skin Corr. 1A, H314	607-088-00-5	79-41-4	201-204-4	
2-hydroxyethyl methacrylate	> 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	
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		114-83-0	204-055-3	

Substance	Concentration	Classification	Index	CAS	EINECS	REACH
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## 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.  
CALL A PHYSICIAN.

**Direct contact with skin:**

Take contaminated clothing Immediately off.  
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.

**Direct contact with eyes:**

Wash immediately and thoroughly with running water, keeping eyelids open for at least 10 minutes, then protect your eyes with a dry sterile gauze. Seek medical advice immediately  
Do not use eye drops or ointments of any kind before the examination or advice from an oculist.

**Ingestion:**

Wash mouth, drink water, do not induce vomiting. Seek medical advice.

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

No data available.

### 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:**

Water spray, CO<sub>2</sub>, foam, dry chemical, depending on the materials involved in the fire.

**Extinguishing means to avoid:**

Water jets. Use water jets only to cool the surfaces of the containers exposed to fire.

### 5.2. Special hazards arising from the substance or mixture

No data available.

### 5.3. Advice for firefighters

Use protection for the breathing apparatus

Safety helmet and full protective suit.

The spray water can be used to protect the people involved in the extinction

You may also use selfrespirator, especially when working in confined and poorly ventilated area and if you use halogenated extinguishers (Halon 1211 fluobrene, Solkan 123, NAF, etc...)

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 mask, gloves and 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.

## **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.  
Discharge the remains in compliance with the regulations

## **6.3. Methods and material for containment and cleaning up**

6.3.1 For containment:  
Rapidly recover the product, wear a mask and protective clothing  
Recover the product for reuse, if possible, or for removal. Possibly absorb it with inert material.  
Prevent it from entering the sewer system.

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  
At work do not eat or drink.  
See also paragraph 8 below.

## **7.2. Conditions for safe storage, including any incompatibilities**

Keep in original container closed tightly.  
Store in a cool place (8 - 21°C), away from sources of heat and direct exposure of sunlight.

## **7.3. Specific end use(s)**

Professional use:  
Handle with care. Store in a ventilated area and away from heat, keep the container tightly closed.

# **SECTION 8. Exposure controls/personal protection**

## **8.1. Control parameters**

methacrylic acid:  
TLV: 20 ppm as TWA (ACGIH 2004).  
MAK: 5 ppm 18 mg / m<sup>3</sup> Peak limitation category: I (2); Pregnancy risk group: C; (DFG 2005).

### 8.2. Exposure controls



Appropriate engineering controls:

Professional use:

No specific monitoring foreseen

Individual protection measures:

(a) Eye / face protection

When handling the pure product use safety glasses (spectacles cage) (EN 166).

(b) Skin protection

(i) Hand protection

When handling the pure product use chemical resistant protective gloves (EN 374). Material of gloves: nitrile rubber, thickness  $\geq 0,4$  mm

(ii) Other

When handling the pure product wear full protective skin clothing.

(c) Respiratory protection

Use adequate protective respiratory equipment (EN 141)

(d) Thermal hazards

No hazard to report

Environmental exposure controls:

cumene hydroperoxide:

Do NOT let this chemical enter the environment. Do NOT wash away into sewer.

## SECTION 9. Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical and chemical properties	Value	Determination method
Appearance	liquid	
Odour	delicate	
Odour threshold	not determined	
pH	not determined	
Melting point/freezing point	not determined	
Initial boiling point and boiling range	149°C	
Flash point	93°C	ASTM D92
Evaporation rate	irrelevant	
Flammability (solid, gas)	not determined	
Upper/lower flammability or explosive limits	not determined	
Vapour pressure	not determined	
Vapour density	not determined	
Relative density	1,1 g/cm <sup>3</sup>	
Solubility(ies)	undefined	
Water solubility	undefined	

Physical and chemical properties	Value	Determination method
Partition coefficient: n-octanol/water	not determined	
Auto-ignition temperature	not determined	
Decomposition temperature	not determined	
Viscosity	not determined	
Explosive properties	not explosive	
Oxidising properties	non-oxidizing	

### 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

There are no hazardous reactions

### 10.4. Conditions to avoid

Nothing to report

### 10.5. Incompatible materials

Strong oxidants.

### 10.6. Hazardous decomposition products

Does not decompose when used for intended uses.

## SECTION 11. Toxicological information

### 11.1. Information on toxicological effects

ATE(mix) oral = 8.333,3 mg/kg

ATE(mix) dermal = 31.428,6 mg/kg

ATE(mix) inhal = 120,0 mg/l/4 h

(a) acute toxicity: not applicable

(b) skin corrosion/irritation: not applicable

(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: not applicable

(f) carcinogenicity: not applicable

(g) reproductive toxicity: not applicable

(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 not applicable

(j) aspiration hazard: not applicable

cumene hydroperoxide:

ROUTES OF EXPOSURE: The substance can be absorbed into the body by inhalation, through the skin and by ingestion.

Inhalation risk There can be no indication of the speed at which you reach a harmful concentration in the evaporation of this substance at 20 ° C.

EFFECTS OF SHORT-TERM EXPOSURE: The substance 'corrosive to the eyes, the skin and the respiratory tract.

Corrosive on ingestion. Inhalation of this substance may cause lung edema (see Notes). The effects may be delayed.

And 'Medical observation is indicated.

ACUTE HAZARDS / SYMPTOMS

Sore throat. Burning sensation. Cough. Difficulty breathing. Shortness of breath. Symptoms may be delayed (see Notes).

SKIN Redness. Pain. Skin burns.

Eyes Redness. Pain. Severe deep burns.

Ingestion Burning sensation. Abdominal pain. Shock or collapse.

NOTE! symptoms of lung edema often do not become manifest until a few hours and are aggravated by physical effort. They are therefore essential the rest and medical observation. You must Immediate administration of an appropriate spray, by a doctor or a person he / she authorized.

methacrylic acid:

ROUTES OF EXPOSURE: The substance can be absorbed into the body by inhalation.

Inhalation risk A harmful contamination of the air will be reached rather slowly on evaporation of this substance at 20 ° C.

EFFECTS OF SHORT-TERM EXPOSURE: The substance 'corrosive to the eyes, the skin and the respiratory tract.

Corrosive on ingestion. Inhalation of the vapor may cause lung edema (see Notes).

ACUTE HAZARDS / SYMPTOMS

Cough. Burning sensation. Shortness of breath. Difficulty breathing.

SKIN Redness. Skin burns. Pain. Blisters.

Eyes Redness. Pain. Loss of vision. Severe deep burns.

Ingestion Abdominal cramps. Abdominal pain. Burning sensation. Weakness.

NOTE! symptoms of lung edema often do not become manifest until a few hours and are aggravated by physical effort. They are therefore essential the rest and medical observation. You must Immediate administration of an appropriate spray, by a doctor or a person he / she authorized.

## SECTION 12. Ecological information

### 12.1. Toxicity

cumene hydroperoxide:

The substance is toxic to aquatic organisms.

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

### 12.2. Persistence and degradability

No data available.

### 12.3. Bioaccumulative potential

No data available.

### 12.4. Mobility in soil

No data available.

### **12.5. Results of PBT and vPvB assessment**

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

### **12.6. Other adverse effects**

No adverse effects

## **SECTION 13. Disposal considerations**

### **13.1. Waste treatment methods**

Do not reuse empty containers. Dispose of them in accordance with the regulations in force. Any remaining product should be disposed of according to applicable regulations by addressing to authorized companies.

Recover if possible. Operate according to local or national regulations

## **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**

No data available.

### **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.
- H315 = Causes skin irritation.
- H318 = Causes serious eye damage.
- 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.
- H301 = Toxic if swallowed.
- H335 = May cause respiratory irritation.

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