



# SAFETY DATA SHEET

## KIT SAFE MARBLE SATIN

Issued on 13/01/2022 - Rel. # 1 on 23/09/2022

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In conformity to Regulation (EU) 2020/878

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

#### 1.1. Product identifier

Product code : KIT SAFE MARBLE SATIN

Trades code : KIT SAFE MARBLE SATIN

UFI: D9G0-10HE-600E-ECN5

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

ACID TREATMENT

Sectors of use:

Industrial Manufacturing[SU3], Public domain[SU22]

Uses advised against

Do not use for purposes other than those listed

#### 1.3. Details of the supplier of the safety data sheet

MASSIMO PIRACCINI SRL

VIA S. CROCE, 477

47032 BERTINORO FC

TEL. + 39 0543 745268 FAX +39 0543 745644

www.mptreatment.com - info@mptreatment.com

P.IVA 03525430405

Produced by

MASSIMO PIRACCINI SRL

Unipersonale

VIA S. CROCE, 477

47032 BERTINORO FC

#### 1.4. Emergency telephone number

Centro Antiveleni di Milano 02 66101029 (CAV Osp. Niguarda Ca' Granda - Milano)

Centro Antiveleni di Pavia 0382 24444 (CAV IRCCS Fondazione Maugeri - Pavia)

Centro Antiveleni di Bergamo 800 883300 (CAV Ospedali Riuniti - Bergamo)

Centro Antiveleni di Firenze 055 7947819 (CAV Ospedale Careggi - Firenze)

Centro Antiveleni di Roma 06 3054343 (CAV Policlinico Gemelli - Roma)

Centro Antiveleni di Roma 06 49978000 (CAV Policlinico Umberto I - Roma)

Centro Antiveleni di Napoli 081 7472870 (CAV Ospedale Cardarelli - Napoli)

### SECTION 2. Hazards identification

#### 2.1. Classification of the substance or mixture

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

Pictograms:

GHS02, GHS07

Hazard Class and Category Code(s):

Flam. Liq. 3, Skin Sens. 1

Hazard statement Code(s):

H226 - Flammable liquid and vapour.

H317 - May cause an allergic skin reaction.

The product is a liquid that ignites at temperatures above 21 °C if it exposed to an ignition source.

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



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### 2.2. Label elements

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

Pictogram, Signal Word Code(s):

GHS02, GHS07 - Warning

Hazard statement Code(s):

H226 - Flammable liquid and vapour.

H317 - May cause an allergic skin reaction.

Supplemental Hazard statement Code(s):

not applicable

Precautionary statements:

Prevention

P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.

Response

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

Storage

P403+P235 - Store in a well-ventilated place. Keep cool.

Contains:

HOMOPOLYMER OF HEXAMETHYLENE - 1,6 DIISOCYANATE

Two-pack reactive performance coatings for specific end use such as floors - VOC limit 500 g/l

Content of VOC ready to use condition: 463 g/l

UFI: D9G0-10HE-600E-ECN5



### 2.3. Other hazards

Based on the available data, no PBT or vPvB substances are present in accordance with Regulation (EC) 1907/2006, annex XIII

On the basis of available data, the product does not contain PBT or vPvB substances in percentage = a 0.1%.

## 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[ w/w]	Classification	Index	CAS	EINECS	REACH
HOMOPOLYMER OF HEXAMETHYLENE - 1,6 DIISOCYANATE	>= 1 < 5%	Skin Sens. 1, H317; Acute Tox. 4, H332; STOT SE 3, H335	ND	28182-81-2	ND	ND
XILENE	>= 1 < 5%	Flam. Liq. 3, H226; Acute Tox. 4, H312; Skin Irrit. 2, H315; Acute Tox. 4, H332	601-022-00-9	1330-20-7	215-535-7	ND
n-butyl acetate	>= 1 < 5%	EUH066; Flam. Liq. 3, H226; STOT SE 3, H336	607-025-00-1	123-86-4	204-658-1	ND

## SECTION 4. First aid measures



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### 4.1. Description of first aid measures

**EYES:** Remove any contact lenses. Wash immediately with plenty of water for at least 15 minutes, opening the eyelids well. Consult a physician if the problem persists. **SKIN:** Take off contaminated clothing. Wash immediately and abundantly with water. If irritation persists, consult a physician. Wash the contaminated garments before reusing them. **INHALATION:** Take the subject to fresh air. If breathing is difficult, call a doctor right away. **INGESTION:** Get medical attention immediately. Induce vomiting only on medical advice. Do not administer anything by mouth if the subject is unconscious and if not authorized by the doctor.

### 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.

## SECTION 5. Firefighting measures

### 5.1. Extinguishing media

**SUITABLE EXTINGUISHING MEDIA** Extinguishing media are: carbon dioxide, foam, chemical powder. For product leaks and spills that have not caught fire, water spray can be used to disperse flammable vapors and protect those involved in stopping the leak. **UNSUITABLE EXTINGUISHING MEDIA** Do not use water jets. Water is not effective to extinguish the fire, however it can be used to cool closed containers exposed to the flame, preventing bursts and explosions.

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

No data available.

### 5.3. Advice for firefighters

**GENERAL INFORMATION** Use jets of water to cool the containers to avoid product decomposition and the development of substances potentially dangerous for health. Always wear full fire protection equipment. Collect the extinguishing water which must not be discharged into the sewers. Dispose of the contaminated water used for extinguishing and the residue of the fire according to current regulations. **EQUIPMENT** Normal clothing for firefighting, such as an open circuit compressed air breathing apparatus (EN 137), flame retardant suit (EN469), flame retardant gloves (EN 659) and boots for Firefighters (HO A29 or A30).

## SECTION 6. Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

6.1.1 For non-emergency personnel:

Stop the leak if there is no danger. Wear suitable protective equipment (including personal protective equipment referred to in section 8 of the safety data sheet) to prevent contamination of skin, eyes and personal clothing. These indications are valid both for the workers and for emergency interventions.

6.1.2 For emergency responders:

Wear a mask, gloves and protective clothing.

Delete all flames and possible sources of ignition.

Do not smoke.

Provide proper ventilation.

Evacuate the danger area and, where appropriate, consult an expert.



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#### 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:

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:

Suck up the leaked product into a suitable container. Evaluate the compatibility of the container to be used with the product, checking section 10. Absorb the remainder with inert absorbent material. Provide sufficient ventilation of the place affected by the leak. The disposal of contaminated material must be carried out in accordance with the provisions of point 13.

#### 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

Keep away from heat, sparks and open flames, do not smoke or use matches or lighters. Without adequate ventilation, the vapors they can accumulate on the ground and catch fire even at a distance, if triggered, with the risk of backfire. Avoid accumulation of electrostatic charges. Do not eat, drink or smoke during use. Remove contaminated clothing and equipment protection before entering the areas where you eat. Avoid the dispersion of the product in the environment.

#### 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.

Always store in well ventilated areas.

Never close the container tightly, leave a chance to vent

Keep away from open flames, sparks and heat sources. Avoid direct sunlight exposure.

Conditions for safe storage, including any incompatibilities

Always keep the containers tightly closed.

Store in well ventilated areas.

Avoid direct exposure to the sun.

Keep away from food, drink and feed.

Incompatible materials:

None in particular. See also paragraph 10 below.

Indication for the premises:

Fresh and adequately ventilated.

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

Industrial Manufacturing:

Handle with extreme caution.

Store in a well ventilated place away from heat sources.

Public domain:

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

## SECTION 8. Exposure controls/personal protection



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### 8.1. Control parameters

Related to contained substances:

n-butyl acetate:

TLV: TWA 200 ppm 150 ppm as STEL (ACGIH 2003).

MAK: 100 ppm 480 mg/m<sup>2</sup> peak limitation Category: (2) risk group for pregnancy: C (DFG 2003).

### 8.2. Exposure controls

Appropriate engineering controls:

Considering that the use of adequate technical measures should always have priority over protective equipment personnel, ensure good ventilation in the Workplace through effective local exhaust.

Industrial Manufacturing:

No specific monitoring foreseen

Public domain:

No specific monitoring foreseen

Individual protection measures:

(a) Eye / face protection

Not needed for normal use.

(b) Skin protection

(i) Hand protection

**HAND PROTECTION**

Protect hands with category III work gloves (ref. Standard EN 374).

For the final choice of the material of the work gloves it is necessary to consider: compatibility, degradation, breakage time and permeation.

In the case of preparations, the resistance of work gloves to chemical agents must be checked before use as they are not predictable. Gloves have a wear time that depends on the duration and method of use.

**EYE PROTECTION**

It is recommended to wear airtight protective goggles (ref. Standard EN 166).

**RESPIRATORY PROTECTION**

In case of exceeding the threshold value (eg. TLV-TWA) of the substance or of one or more of the substances present in the product, it is recommended to wear a mask with a type A filter whose class (1, 2 or 3) must be chosen in relation to the limit concentration of use.

(ref. standard EN 14387). If there are gases or vapors of a different nature and / or gases or vapors with particles (aerosols, fumes, mists, etc.) combined filters must be provided.

The use of respiratory protection means is necessary in case the technical measures adopted are not sufficient to limit the exposure of the worker to the threshold values taken into consideration. The protection offered by the masks is however limited.

In case the substance considered is odorless or its olfactory threshold is higher than the relative TLV-TWA and in case of emergency, wear an open circuit compressed air self-contained breathing apparatus (ref. EN 137 standard) or a respirator with external air intake (ref. standard EN 138). For the correct choice of the respiratory protection device, refer to the EN 529 standard

**SKIN PROTECTION**

Wear category I professional long-sleeved work clothes and safety footwear (ref. Directive 89/686 / EEC and standard EN ISO 20344). Wash with soap and water after removing protective clothing.

Evaluate the advisability of providing antistatic clothing if the work environment presents a risk of explosiveness.

(ii) Other

Wear normal work clothing.

(c) Respiratory protection

Not needed for normal use.

(d) Thermal hazards

No hazard to report

Environmental exposure controls:

Emissions from manufacturing processes, including those from ventilation equipment should be controlled for compliance with environmental protection legislation.



## SECTION 9. Physical and chemical properties



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

Physical and chemical properties	Value	Determination method
Physical state	LIQUID	
Colour	TRANSPARENT	
Odour	SLIGHTLY PUNGENT	
Odour threshold	not determined	
Melting point/freezing point	not determined	
Boiling point or initial boiling point and boiling range	not determined	
Flammability	not determined	
Lower and upper explosion limit	not determined	
Flash point	45° c	ASTM D92
Auto-ignition temperature	not determined	
Decomposition temperature	not determined	
pH	7	
Kinematic viscosity	not determined	
Solubility(ies)	NOT SOLUBLE	
Water solubility	NOT SOLUBLE	
Partition coefficient n-octanol/water (log value)	irrelevant	
Vapour pressure	not determined	
Density and/or relative density	not determined	
Relative vapour density	not determined	
Particle characteristics	non determinato	

### 9.2. Other information

#### 9.2.1 Information with regard to physical hazard classes

No data available.

#### 9.2.2 Other safety characteristics

Content of VOC ready to use condition: 463 g/l

## SECTION 10. Stability and reactivity

### 10.1. Reactivity

No reactivity hazards



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#### 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

Avoid contact with combustible materials. The product could catch fire.  
heat, open flames, sparks or hot surfaces.

#### 10.5. Incompatible materials

It can generate toxic gases to contact with strong oxidants agents, strong reducing agents.  
It can ignite in contact with strong oxidants agents.

#### 10.6. Hazardous decomposition products

Does not decompose when used for intended uses.

## SECTION 11. Toxicological information

### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

ATE(mix) oral =  $\infty$

ATE(mix) dermal = 60.516,0 mg/kg

ATE(mix) inhal = 177,0 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: based on available data, the classification criteria are not met

(d) respiratory or skin sensitisation: 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: based on available data, the classification criteria are not met

(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

Related to contained substances:

n-butyl acetate:

Routes of exposure: the substance can be absorbed into the body by inhalation of its vapour.

INHALATION RISK: A harmful contamination of air has been reached quite slowly due to evaporation of the substance at 20 °C.

Effects of short-term exposure: the substance is irritating to eyes and respiratory tract. At substance determining effects on the central nervous system exposure far above the OEL could cause lowering of consciousness.

Effects of long-term or repeated: liquid degreasing characteristics.

Acute hazards/symptoms INHALATION cough. Sore throat. Vertigo. Headache.

SKIN dry skin.

EYE Redness. Pain.

INGESTION Nausea.



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#### 11.2. Information on other hazards

No data available.

### SECTION 12. Ecological information

#### 12.1. Toxicity

Related to contained substances:

n-butyl acetate:

The substance is harmful 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

Based on the available data, no PBT or vPvB substances are present in accordance with Regulation (EC) 1907/2006, annex XIII

#### 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

Reuse if possible. Product residues are to be considered special hazardous waste. The dangerousness of the waste that partially contains this product must be assessed on the basis of the laws in force. Disposal must be entrusted to an authorized waste management company, in compliance with national and possibly local regulations. CONTAMINATED PACKAGING Contaminated packaging must be sent for recovery or disposal in compliance with national waste management regulations.

### SECTION 14. Transport information





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#### 14.1. UN number or ID number

ADR/RID/IMDG/ICAO-IATA: 1263

ADR exemption because compliance with the following characteristics:

Combination packagings: per inner packaging 5 L per package 30 Kg

Inner packagings placed in shrink-wrapped or stretch-wrapped trays: per inner packaging 5 L per package 20 Kg



#### 14.2. UN proper shipping name

ADR/RID/IMDG: PITTURE o MATERIE SIMILI ALLA PITTURE

ADR/RID/IMDG: PAINT or PAINT RELATED MATERIAL

ICAO-IATA: PAINT or PAINT RELATED MATERIAL

#### 14.3. Transport hazard class(es)

ADR/RID/IMDG/ICAO-IATA: Class : 3

ADR/RID/IMDG/ICAO-IATA: Label : Limited quantities

ADR: Tunnel restriction code : D/E

ADR/RID/IMDG/ICAO-IATA: Limited quantities : 5 L

IMDG - EmS : F-E, S-E

#### 14.4. Packing group

ADR/RID/IMDG/ICAO-IATA: III

#### 14.5. Environmental hazards

ADR/RID/ICAO-IATA: Product is not environmentally hazardous

IMDG: Marine polluting agent : Not

#### 14.6. Special precautions for user

The transport must be carried out by authorised vehicles carrying dangerous goods in accordance with the requirements of the current edition of the agreement and the provisions A.D.R national regulations.

The transport must be carried out in the original packaging and in packages that are made from materials resistant to the content and not likely to generate with this dangerous reactions. Employees to the loading and unloading of dangerous goods have received proper training on the risks presented by prepared and on possible procedures to be taken in the event of emergency situations

#### 14.7. Maritime transport in bulk according to IMO instruments

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

Legislative Decree 3/2/1997 n. 52 (Classification, packaging and labeling of dangerous substances). D.Lgs 14/3/2003 n. 65 (Classification, packaging and labeling of dangerous preparations). Legislative Decree 2/2/2002 n. 25 (Risks deriving from chemical agents during work). D. M. Work 26/02/2004 (Occupational exposure limits); D. M. 03/04/2007 (Implementation of Directive 2006/8 / EC). Regulation (EC) n. 1907/2006 (REACH), Regulation (EC) n. 1272/2008 (CLP), Regulation (EC) n.790 / 2009.D.Lgs. September 21st 2005 n. 238 (Seveso Ter Directive).

Legislative and regulatory provisions on health, safety and environment specific to the substance or mixture

Legislative Decree 9/4/2008 n. 81

D. M. Work 26/02/2004 (Occupational exposure limits)

Regulation (EC) n. 1907/2006 (REACH)



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Regulation (EC) n. 1272/2008 (CLP)

Regulation (EC) n. 790/2009 (ATP 1 CLP) and (EU) n. 758/2013

Regulation (EU) 2015/830

Regulation (EU) n. 286/2011 (ATP 2 CLP)

Regulation (EU) n. 618/2012 (ATP 3 CLP)

Regulation (EU) n. 487/2013 (ATP 4 CLP)

Regulation (EU) n. 944/2013 (ATP 5 CLP)

Regulation (EU) n. 605/2014 (ATP 6 CLP)

Restrictions relating to the product or the substances contained according to Annex XVII of the Regulation (CE) 1907/2006 (REACH) and subsequent adjustments:

None

Where applicable, refer to the following regulations:

Ministerial circulars 46 and 61 (aromatic amines).

D.Lgs. 21 September 2005 n. 238 (Seveso Ter Directive)

Regulation 648/2004 / CE (Detergents).

D.L. 3/4/2006 n. 152 Environmental regulations

Provisions relating to the directives 82/501 / EC (Seveso), 96/82 / EC (Seveso II): N.A.

Seveso category:

P5c - FLAMMABLE LIQUIDS

Substances in the Candidate List (REACH Article 59)

Based on available data, no SVHC substances are present

### 15.2. Chemical safety assessment

The supplier has made an assessment of chemical safety

## SECTION 16. Other information

### 16.1. Other information

Description of the hazard statements exposed to point 3

H317 = May cause an allergic skin reaction.

H332 = Harmful if inhaled.

H335 = May cause respiratory irritation.

H226 = Flammable liquid and vapour.

H312 = Harmful in contact with skin.

H315 = Causes skin irritation.

H336 = May cause drowsiness or dizziness.

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

Classification according to Regulation (EC) Nr. 1272/2008

H226 - Flammable liquid and vapour. Classification procedure: On basis of test data

H317 - May cause an allergic skin reaction. Classification procedure: Calculation method

GENERAL BIBLIOGRAPHY:

- Council Regulation (EC) 1907/2006 of the European Parliament (REACH)
- Regulation (EC) 1272/2008 of the European Parliament (CLP) and subsequent updates
- Council Regulation (EC) no 758/2013 of the European Parliament
- Regulation (EC) no 2020/878 of the European Parliament
- Regulation (EC) No 528/2012 European Parliament and subsequent updates
- Council Regulation (EC) 648/2004 of the European Parliament and subsequent updates
- The Merck Index
- Handling Chemical Safety
- Niosh Registry of Toxic Effects of Chemical Substances
- INRS - Fiche Toxicologique
- Patty-Industrial Hygiene and Toxicology
- 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.



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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

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