

# TileMaster Colour Enhancer (Solvent)



## Section 1 - Product Identification

<b>Product name:</b>	TileMaster Colour Enhancer (Solvent)
<b>Product type:</b>	Liquid
<b>Product description:</b>	Water-based solution to protect marble, granite, porous stone from water and oil
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## Section 2 - Hazards Identification

### 2.1

Classification of the substance according to Regulation EC n. 1272/2008  
The product is not classified as dangerous -  
H226, H304, H319, H315.

#### Dangers for human health:

- Skin and eyes irritating
- Causes severe damage to eyes
- See section 16 for the complete text of sentence H
- See section 11 for additional information on health effects.

#### Hazardous indications:

- H304 May be fatal if swallowed and enters airways
- EUH066 repeated exposure may cause skin dryness and cracks.

#### Prudence recommendations:

- P101 Keep far from the reach of children
- P210 keep far from heating sources/sparks/free flames. Do not smoke
- P280 Wear gloves/protective clothes/protect eyes/face
- P301-P310 IN CASE OF INGESTION: immediately call a doctor
- P501 Collect the product/container according to Directives
- P207 use only outside or in a well airy ambient.

#### Indications on precautions:

##### Prevention:

- Wear protective gloves
- Protection for eyes and face
- Do not eat, drink or smoke during use
- Wash hands well after use.

#### Disposal:

- Do not waste residues in the environment.

### 2.2

#### Label indications:



Danger labelling in compliance with (CE) 1272/2008 (CLP) Regulation and following modifications and adjustments.

#### Danger:

- Irritant.

#### Risk:

- H315 causes skin irritation
- H226 Liquid and flammable vapours
- H319 causes severe eye irritation
- S24/S25 avoid contact with eyes and skin
- S36/S37/S39 wear suitable protective clothes and gloves to protect eyes/face
- P 210 keep far from heating, sparks, free flames. Do not smoke
- P 270 do not eat, drink or smoke during use
- P 280 wear protective clothes and gloves. Protect eyes/face
- P 301-P310 IN CASE OF INGESTION immediately call a doctor.

**Section 3 – Composition / Information on the Ingredients**

Name of component	Identifier Number CAS	Identifier Number CE	% w/w	Classification according to Regulation 1272/2008
Toluene	108-88-3	203-625-9	<20%	H290 H315 H319
Naphta	6774-2-48-9	265-150-3	60 - 90%	H226 H304 H336
Tetracloroetilene	127-18-4	204-825-9	<0,05%	H290 H315 H319

**Section 4 – First Aid Measures**

**4.1**

**First aid measured description:**

- In case of contact with the skin: Remove dirty shoes and clothes then safely dispose them. Wash the area with soap and water. Immediately call a doctor in case of irritation, swelling or redness persist
- In case of contact with the eyes: Rinse well with water. Call the specialist doctor or local hospital if irritation persists.

**4.2**

**Main symptoms and effects both acute and delayed, see chapter 11:**

- Skin contact: Redness, irritations
- Eyes contact: Eyes irritation.

**4.3**

**Indication on the eventual necessity of contacting a doctor and special treatments**

- Follow doctor's instructions.

**Section 5 – Anti-Fire Measures**

**5.1**

**Extinguisher means:**

- Carbon dioxide, foam, powder and nebulized water
- DO NOT USE WATER JETS
- May be used to cool closed containers exposed to flames and to prevent from explosions.

**5.2**

**Dangers coming from substance or mixture:**

- DANGERS LINKED TO EXPOSURE IN CASE OF FIRE
- There might be over-pressure in the containers exposed to fire with consequent danger of explosion
- Avoid breathing burning substances (Carbone oxide, toxic products in pyrolysis).

**5.3**

**Information for the staff extinguishing the fire.**

- GENERAL INFORMATION SAFETY DATA SHEET  
Cool containers with water jets in order to avoid product decomposition and the formation of possible substances that would be health dangerous. Always wear the whole anti-fire equipment. Collect extinguishing water that won't be pour down drains. Collect dirty water and all the residues according to current rules.
- EQUIPMENT  
Protective cap with peak, fireproof clothes (jacket and trousers with bands around arms, legs and hips), suitable gloves (anti-fire, anti-cut), auto-breather (auto protector).

**Section 6 – Accidental Release Measures**

**6.1**

**Personal precautions, protective equipment and procedures in case of emergency**

- Remove any ignition or heating source (cigarettes, flames, sparks, etc.) in the concerned area. In case of solid product avoid the formation of powder, spraying some water unless there are specific notifications
- In case of powders dispersed in the air or vapours, use suitable breathing protection
- Stop the discharge if there's no danger. Do not handle damaged containers or the discharged product without wearing suitable protective clothes
- For any information regarding risks for environment and health, breathing protection, ventilation and individual protective means, please refer to other chapt. in this data sheet.

**6.2**

**Environmental precautions**

- Do not let the product pour down drains, superficial waters, water-bearing stratum and border areas.

**6.3**

**Methods and materials to collect and clean**

- Absorb the discharged product using absorbing inert material. (sand, powder) Collect most of the residual product using collecting containers. Remove the residual using water jets if there are not opposite notifications. Good air the ambient concerned by the discharge. Product disposal must be performed according to chapt. 13.

**Section 7 – Handling and Storage**

**7.1**

**Precautions for safe handle:**

- Wear gloves, apron, mask and boots.

**7.2**

**Safe warehouse:**

- Keep container well sealed in a dry place; protect from freeze and avoid temperatures higher than 40°C. Do not keep in warehouse together with acids and strong bases.

**7.3**

**Specific end uses:**

- Anti-stain treatments.

## Section 8 – Exposure Control and Protection

### 8.1

Since the use of suitable technical measures should be first than personal protection equipment, it's necessary to ensure a proper ventilation through the use of a good aspiration device or the polluted air discharge. If these operations do not keep product concentration under minimum exposure values, it will be necessary to wear a suitable breathing apparatus protection. During use, refer to danger label for more details. Personal protective clothes must be in compliance with the rules here below indicated:

#### Hands protection:

- Protect hands using working gloves, II category. (Ref. Directive 89/686/CEE and Rule EN 374) like: PVC, neoprene, nitrile or equivalent.
- The final choice of the gloves must consider: degradation, breaking time and permeability. In case of mixtures the gloves resistance must be checked before using, it is not foreseeable. Gloves have a wear and tear term that depends on exposure time.

#### Eyes protection:

- Wear sealing protective mask (ref. Rule EN 166).

#### Skin protection:

- Wear long sleeves working clothes and shoes for professional use, II category. (ref. Directive CEE and EN 344 rule). Wash with plenty of water after taking protective clothes off.

#### Breathing protection:

- In case of overcoming of the limit value of one or more substances present in the product, wear a mask with filter A type or the universal type, whose class (1,2 or 3) will be chosen according to the use. (ref. EN 141 Rule). The use of breathing apparatus protections, like mask with filter for organic vapours and powders/fog, it's compulsory in absence of technical measures to limit the worker exposure. The protection given by the mask is limited anyway. If the substance is odourless or in case of emergency (unknown time of exposure or the oxygen level in the ambient is lower than 17%) wear a compressed air auto-breather at open circuit (ref. Rule EN 137) or a respirator with external air outlet for the use with whole mask, semi-mask or nozzle. (Ref. Rule EN 138). If there's the risk to get squirts or sprinkles due to the type of work performed, it's necessary to foresee a suitable mucous protection (mouth, nose, eyes) in order to avoid accidental absorptions.

### 8.2

#### Limits of exposure:

**Tetracloroetilene:** TWA 170 mg/m<sup>3</sup> - STEL 678 mg/m<sup>3</sup>

**Toluene:** TWA 75,4 mg/m<sup>3</sup>

**Naphta:** TWA 500 mg/m<sup>3</sup>

### 8.3

#### Exposure control, Technical controls:

- Handle in well ventilated areas.

### 8.4

#### Individual protection:

- Wear gloves and mask, in normal use conditions no vapours are generated.

### 8.5

#### Environmental protection:

- Avoid discharge in sewers.

## Section 9 – Chemical and Physical Properties

### 9.1

<b>Status:</b>	Liquid
<b>Colour:</b>	Opalescent
<b>Odour:</b>	Typical of hydrocarbons solvent
<b>Smelling threshold:</b>	Not determined
<b>pH:</b>	Not determined
<b>Boiling point:</b>	Not determined
<b>Fusion point:</b>	Not determined
<b>Flashing point:</b>	40°C
<b>Ignition temperature:</b>	Not determined
<b>Vapours:</b>	Not determined
<b>Viscosity:</b>	Not determined
<b>Solubility:</b>	Not soluble in water

## Section 10 – Stability and Reactivity

### 10.1

#### Reactivity:

- No dangerous reaction in normal conditions of use.

### 10.2

#### Chemical stability:

- The product is chemically stable in normal conditions of use and storage.

### 10.3

#### Possible dangerous reactions:

- No dangerous reactions detected.

### 10.4

#### Conditions to avoid:

- Avoid overheating, electrostatic charges or any ignition source.

### 10.5

#### Hazardous decomposition products:

- Due to thermic decomposition or in case of fire there could be possible releases of gas and vapours probably dangerous to health.

## Section 11 – Toxicological Information

### Contact with the eyes:

- May cause eyes irritation.

### Ingestion:

- May cause irritation to throat.

### Inhalation:

- No symptoms.

### Acute inhalation toxicity:

- No relevant data.

### Acute oral toxicity:

- None.

### Contact with the skin:

- May cause irritation.

### Contact with the eyes:

- May cause irritation.

### Carcinogenicità:

- None.

### Mutagenicità:

- None.

### Teratogenicità:

- None.

### Ingestion:

- No effect on human health linked to the product ingestion has been detected. Use the product according to the instruction.

### Ingestion can cause:

- Gastrointestinal irritation. Symptoms: pain, vomit, nausea and abdomen pain.

### Additional toxic information:

- No particular negative effect has been detected.

The introduction of little quantities of product in the breathing apparatus may cause vomit, bronco-pneumonia or pulmonary edema.

Due to continuous exposure the product may bring to a skin degreasing, causing cracks and dryness.

## Section 12 – Ecological Information

There's no information on the product, so use it according to good working procedures, do not waste it in the environment. Absolutely avoid to waste product in the ground or drains. Call authorized companies if the product reaches water drains or in case of ground or flora pollution. Follow all the measures to reduce at the minimum level the effects on water drains.

### 12.1

#### Toxicity information:

- Not available.

### 12.2

#### Persistence and degradability information:

- Not available.

### 12.3

#### Potential bio-accumulative information:

- Not available.

### 12.4

#### Mobility in the ground information:

- Not available.

### 12.5

#### Results of PBT and vPvB evaluation information:

- Not available.

### 12.6

#### Additional effects information:

- Not available.

## Section 13 – Disposal Considerations

### 13.1

#### Waste handling:

- Re-use, if possible the product. Product residues must be regarded as special dangerous waste. Waste danger that contain this product must be evaluated on the basis of current rules.

#### Disposal:

- Must be performed by company authorized to waste handling, according to national and local current rules. Polluted Packages. Polluted packages must be recovered or wasted in compliance with National rules concerning waste management.

## Section 14 - Transport

- Transport must be performed by specific vehicles authorized to transport of dangerous goods, in compliance with current rules of the current ADR agreement and applicable disposition.
- Transport must be performed in original containers and, anyway, use packages made of materials not attaching by the product inside.
- Loading staff must be properly trained on possible risks and eventual procedures to follow in case of emergency.

### Road or rail:

- Class ADR/RID 3 UN 3295
- Packing group III
- Label



- Nr. Kemler 30
- Limited Quantity LQ07
- Tunnel restriction code (D/E)
- Technical name: Hydrocarbons, liquid, N.A.S.

### By sea:

- Class IMO 3 UN 3295
- Packaging Group III
- Label



- EMS F-E S-E
- Marine pollutant NO
- Proper shipping name: Hydrocarbons, liquid N.O.S.

### By air:

- IATA 3 UN:3295
- Packing group III
- Label



### Cargo:

- Packing instruction 310 quantity max:220l

### Pass

- Packing instruction 309 quantity max 60l
- Particular instructions A3
- Proper shipping name: Hydrocarbons liquid N.O.S

## Section 15 - Regulatory Information

### Regulation on health, safety and environment specific for the substance:

Regulation CE n. 1907/2006 (REACH), Annex XIV list of substances subject to authorization - substances SVHC: not present listed substances

- Annex XVII: listed substances are not present.

### Sanitary checks:

- The staff working with this kind of product must be subject to sanitary checks as foreseen in the Art. 41 of D.Lgs. 81 dtd April 9 2008, unless the risk for the worker is regarded as not relevant, as foreseen in the Art.224 comma 2.

### 15.2

#### Evaluation of chemical safety:

- No safety evaluation has been draft for mixture and substances contained.

## Section 16 - Other Information

### 16.1

#### Classification according to Regulation CE 1272/2008

Hazard indications:

- **Flam. Liq.2** Flammable liquid, cat. 2
- **Acute tox.3** High toxicity, cat. 3
- **STOT SE1** Specific toxicity for target - single exposure, Cat. 1
- **Flam.Liq.3** Flammable liquid, cat.3
- **STOT SE 3** Specific toxicity for target-single exposure, Cat.3
- **Carc. 1B** Cancerogenicity, CAT 1B
- **Muta , 1B** Mutagenicity on stem cells, cat. 1B
- **Asp. Tox.1** Danger in case of aspiration, cat. 1
- **Acute tox.4** High toxicity, cat. 4
- **STOT RE1** Specific toxicity for target - repeated exposure, cat. 1
- **Eye Irrit. 2** Eyes irritation, cat.2
- **Aquatic Acute 1** Dangerous for fish fauna, high toxicity, cat.1
- **Aquatic Chronic 1** Dangerous for fish fauna, high toxicity, cat.1
- **H226** Liquid and flammable vapours
- **H304** may be fatal in case of ingestion and penetration to breathing system
- **H305** may be harmful if swallowed and by penetrating breathing ways
- **H315** causes eyes irritation
- **H319** causes severe eyes irritation
- **H304** may be fatal in case of ingestion and penetration to breathing system
- **EUH066** Continuous exposure may cause skin dryness and cracks
- **R10** flammable
- **R11** easily flammable
- **R 23/24/25** toxic by inhalation, skin contact, ingestion
- **R36** eyes irritating
- **R48/25** toxic: serious healthy damages in case of long exposure by ingestion
- **R50/53** high toxic for aquatic organism, at long term it may cause negative effects for fish fauna
- **R65** harmful: if swallowed could cause serious damage to lungs
- **R66** continuous exposure may cause skin dryness and cracks
- **R67** vapours inhalation may cause sleepiness and giddiness
- **R68** possibility of non-reversible effects.

### General bibliography:

1. Directive 1999/45/CE and following modifications
2. Directive 67/548/CEE and following modifications
3. Regulation (CE) 1907/2006 of European Parliament (REACH)
4. Regulation (CE) 790/2009 of European Parliament (I Atp. CLP)
5. Regulation (CE) 453/2010 of European Parliament
6. The Merck Index Ed. 10
7. Handling Chemical Safety
8. Niosh - Registry of Toxic Effects of Chemicals Substances
9. INRS - Fiche Toxicologique
10. Patty - Industrial Hygiene and Toxicology
11. N.I. Sax. - Dangerous properties of Industrial Materials - 7 Ed. 1989

### User's notes:

- The information herein contained have been draught on the basis of available knowledge upon data sheet version. The user must make sure of the suitability and completeness of the information referring to the specific use of the product. Do not read this document as warranty of any specific property of the product. Since the use of the product is not under our direct control, it's the user's liability respect current rules in terms of hygiene and safety. We are not held liable for un-proper use.

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