

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/ UNDERTAKING

- 1.1 *Commercial product name:* PERICOOL
Use: Evaporative panel capable of cooling even in harsh application fields
- 1.2 *Company*
TERMOTECNICA PERICOLI S.r.l.
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 www.pericoli.com - termotecnica@pericoli.com

2. HAZARDS IDENTIFICATION

- 2.1 *Classification of the substance or mixture*
Directives 67/548/CE, 99/45/CE and subsequent amendments:
Properties/Symbols: Not hazardous
Phrases R: ---
Regulation criteria CE 1272/2008 (CLP)
Danger: ---
Physical and chemical effects harmful to human health and to environment: No danger
- 2.2 *Label elements*
Symbols: ---
Phrases R: ---
Phrases S:
 S2 Keep out of reach of children
 S16 Keep away from sources of ignition - no smoking
- Special provisions*
Label CE: ---
- Danger*
Indication of danger: ---
Safety advice:
 P102 Keep out of reach of children;
 P210 Keep away from heat/sparks/ open flames/ hot surfaces - no smoking;
 P501 Dispose of contents/container in accordance with the regulatory.
- Special provisions:* None
- 2.3 *Other dangers*
Substances vPvB: None
Substances PBT: None
Other dangers: None

3. COMPOSITION/INFORMATION ON INGREDIENTS

- 3.1 *Substances:* Not applicable
- 3.2 *Mixtures:* Product contains volatile organic substances, % < 0.1
Dangerous components under Directive CEE 67/548 and regulation CLP and classification:

Identification	Concentration %	CAS Number	OSHA PEL	ACGIH-TLV	LC ₅₀	LD ₅₀
Formaldehide	< 0.1 %	CAS: 50-00-0	0.75 ppm TWA	0.3 ppm Ceiling	590 ppm 4h (rat)	800 mg/kg oral (rat)

Classification 67/548/CEE: Carc. Cat. 3 R40, T R23/24/25, C R34, Xi R43

Classification 1272/2008 (CLP): Carc. 2 H351, Acute Tox. 3 H301, Acute Tox. 3 H311, Acute Tox. 3 H317, Skin Corr. 1B H314, STOT SE 3 H335, Skin Sens. 1 H317

4. FIRST AID MEASURES

- 4.1 *Description of first aid measures*
- In case of contact with skin:*
In case of contact with powder, wash with soap and water;
If irritation, redness or swelling consult a doctor
- In case of contact with eyes:*
In case of contact with powder immediately wash eyes with cold water
- In case of ingestion:*
Is not a primary route of exposure, but if it occurs, do not induce vomiting, rinse your mouth with water and drink one or two glasses of water;
If you develop stomach pain or nausea seek medical advice;
Do not give anything by mouth if the victim is unconscious or convulsing.
- In case of inhalation:*
In case of exposure to high concentrations of dust move the person to fresh air;
If breathing has stopped, administer artificial respiration and 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:* No data available

5. FIRE-FIGHTING MEASURES

- 5.1 *Extinguishing*
- Suitable extinguishing media:* Carbon dioxide, dry chemical, foam
Extinguishing media which must not be used for safety reasons: None in particular
- 5.2 *Special hazards arising from the substance or mixture:*
Can develop carbon oxides, nitrogen oxides, organic acids, hydrochloric acid, aldehydes
- 5.3 *Recommendations for firefighters:*
Employ suitable breathing apparatus;
Avoid inhaling the fumes;
Product is not considered flammable according to WHMIS;
The material will burn in the presence of an ignition source.

6. MEASURES IN CASE OF ACCIDENTAL RELEASE

- 6.1 *Precautions, protective equipment and emergency procedures:* No special precautions required
- 6.2 *Environmental precautions:*
Prevent penetration into soil/subsoil water washing;
Prevent runoff into surface water or sanitary sewer system;
Retain contaminated washing water and dispose.
- 6.3 *Methods and materials for containment and cleaning up:*
The waste material can be incinerated or disposed of in landfill in accordance with federal, state and local non-hazardous waste
- 6.4 *Reference to other sections:* None

7. HANDLING AND STORAGE

- 7.1 *Precautions for safe handling:* Keep away from open flames, sparks and heat sources
- 7.2 *Conditions for safe storage, including any incompatibilities:*
The material must be kept away from open flames, sparks and heat sources;
Keep away from food and drink;
Tenere lontano da cibi e bevande.
Incompatible materials: None in particular
Indication for the local: Fresh and adequately ventilated

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

- 8.1 *Respiratory protection:*
Not required under normal conditions of use
- 8.2 *Hand protection:*
Not required under normal conditions of use
- 8.3 *Eye protection:*
Not required under normal conditions of use
- 8.4 *Body protection:*
Not required under normal conditions of use

9. PHYSICAL AND CHEMICAL PROPERTIES

- 9.1 *Information on the physical and chemical properties:*
Appearance: Solid
Odor: Odorless
pH: Not applicable
Melting point/freezing: Not applicable
Initial boiling point and boiling range: Not applicable
Upper/lower flammability or explosive limits: Not applicable
Vapor density: Not applicable
Flash point: Not applicable
Evaporation rate: Not applicable
Vapor pressure: Not applicable
Relative density: Not applicable
Ignition temperature: Not applicable
Decomposition temperature: Not applicable
Viscosity: Not applicable
Explosive properties: Not applicable
Oxidizing properties: Not applicable
- 9.2 *Other information:* ---

10. STABILITY AND REACTIVITY

- 10.1 *Reactivity:* Stable under normal conditions
- 10.2 *Chemical stability:* Stable under normal conditions
- 10.3 *Possibility of hazardous reactions:* None
- 10.4 *Conditions to avoid:* Stable under normal conditions
- 10.5 *Incompatible materials:* Keep away from open flames, sparks and heat sources
- 10.6 *Hazardous decomposition products:*
Can develop carbon oxides, nitrogen oxides, organic acids, hydrochloric acid, aldehydes

11. TOXICOLOGICAL INFORMATION

- 11.1 *Information on toxicological effects*
Toxicological information relating to the mixture: Not applicable
Toxicological information relating to the main substances in the mixture:
Formaldehyde - CAS: 50-00-0
LD₅₀ (RAT) ORAL: 800 mg/kg
Routes of entry: skin contact, inhalation of dust
Effects of acute exposure:
Inhalation: During cutting can create a nuisance dust
Effects of chronic exposure: None known
Irritation: Not dangerous according to the criteria WHMIS
Sensitization of the respiratory tract: No data available

12. ECOLOGICAL INFORMATION

- 12.1 *Toxicity:*
Use according to good working practices, avoiding disposal in the environment;
This product is not sold as a waste material then no information is available;
Substances at levels equal to or greater than the characteristics of toxicity on the basis of raw materials and workmanship used in the manufacturing process.
- 12.2 *Persistence and degradability:* Not applicable
- 12.3 *Bioaccumulative potential:* Not applicable
- 12.4 *Mobility in soil:* Not applicable
- 12.5 *Results of PBT and vPvB assessment:*
Substances vPvB: None
Substances PBT: None
- 12.6 *Other adverse effects:* None

13. DISPOSAL CONSIDERATIONS

- 13.1 *Waste treatment methods:*
Recover if possible;
Send to authorized disposal plants or for incineration under controlled conditions;
Operate according to local and national regulations.

14. TRANSPORT INFORMATION

- 14.1 *Classification ADR/RID/IMDG:* Free/unregulated

15. REGULATORY INFORMATION

- 15.1 *Safety, health and environmental regulations/legislation specific for the substance or mixture:*
Information pursuant to the Superfund Amendments and Reauthorization Act (SARA) – Section 313 (reporting release toxic chemicals) 40 CFR 372:
Exempt from reporting any component
Regulation TSCA: All substances are listed in inventory of chemical substances
List of all the substances that are produced and / or placed on the market in Canada: Exempt