



SAFETY DATA SHEET (CE)1272/2008

**PROLEVELING – LEVELER****SECTION 1: Identification of the substance or mixture and of the company/enterprise****1.1. Product identifier**

Items: PROLEVELING – LEVELER

**1.2. Identified appropriate uses of the substance or mixture and not recommended uses**

COMMON USES: Professional use

NOT RECOMMENDED USES: For more detailed information, see technical data sheet

**1.3. Information on the Issuer of the safety data sheet**

Company name PROGRESS PROFILES S.p.A.

Address Via Le Marze, 7

City/Country 31011 Asolo – TV (Italia)

**1.4. Emergency telephone number**

Tel. +39 0423 950398, Monday to Friday office hours 8.30am–5.30pm

E-mail: Reference technician/contact info@progressprofiles.com

**SECTION 2: Hazard identification****2.1 Classification of the substance or mixture**

In normal conditions, the product does not represent any danger; at room temperature, they do not cause irritations and do not release dangerous substances.

**2.2 Elements on the label**

Name and batch of the Product.

**2.3 Other hazards**

Fine dust may cause irritation of respiratory system and mucous. Contact with hot material prevents serious burns. If heated to more than 160°C, the product may form vapours or fumes which may cause irritation of respiratory tract and cause coughing and sensation of shortness of breath. Handling this product may result in electrostatic accumulation. Use proper grounding procedures. Dust may form explosive mixture in air. Combustible Dust.

**SECTION 3: Composition/information on the contents**

Molded polyethylene material

**3.1 Substances**

Not applicable.

**3.2 Mixtures**

Name	Product Identifier	%	Classification according to Regulation (EC) No.1272/2008 [CLP]
1-propene, Polymer with Ethene	CAS-No 9010-79-1	>99,5	Not classified



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**PROLEVELING – LEVELER****SECTION 4: First-aid measures****4.1 Description of first-aid measures**

No symptoms for the use in normal conditions.

**In case of hot or melted material:**

- Contact with the eyes: flush eyes with large amounts of cold water, immediately see a doctor.
- Contact with the skin: in case of burns and scalds, immediately plunge the injured part in cold and clean water. Once solidified, do not try to remove the material from the skin, consult immediately a doctor.
- Ingestion: improbable direct means of contact.
- Inhalation: only in the event of fire or irritation due to exposure to high fume concentrations, immediately move the patient to a non-polluted area. Consult a doctor.

**4.2 Main symptoms and effects - both severe or delayed**

No symptoms for the use in normal conditions at room temperature.

**4.3 Symptoms requiring medical or specific treatment**

Consult a doctor in all those cases that appear to be different or more serious than the descriptions above.

**SECTION 5: Fire-prevention measures**

Assess the fire load each time, also taking into account other local and/or specific factors and adopting appropriate fire-prevention measures.

Inform the emergency team. Remove non-involved personnel from the affected area.

**5.1 Means of fire-extinction**

In case of fire, operate using the following means:

For small fire: Carbon dioxide. Dry powder. Water. For large fire: Foam.

Do not use a solid water stream as it may scatter and spread fire.

**5.2 Special risks connected with the substance or mixture**

In case of fire the product may develop water (H<sub>2</sub>O), carbon dioxide (CO<sub>2</sub>) and, at low oxygen level (O<sub>2</sub>) carbon monoxide (CO). Overexposure to these fumes may cause respiratory problems.

At the fire beginning (specially between 752 and 1292°F) aldehydes and hydrocarbons can develop.

Specific protecting equipment in case of fire: wear filtering masks with multipurpose filters only in ventilated areas and/or self-breathing apparatus and total protection garments.

Other information: heat of combustion 8000 – 11000 Kcal/kg.

**5.3 Recommendations for the fire-extinguishing personnel**

In the event of fire in small or scarcely ventilated spaces and in presence of substantial amounts of the product, wear filtering masks with multipurpose and/or self-breathing filters.

**SECTION 6: Measures in the event of accidental release**



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At room temperature, the product is solid and does not release any substances.

**6.1 Personal precautions, protection devices and emergency procedures in emergency cases**

See SECTION 4: First-aid measures.

**6.2 Environmental precautions**

The product is dimensionally stable and therefore easily containable; in the event of fire, reduce environmental pollution as far as possible.

**6.3 Methods and materials for containment and reclamation**

Use appropriate means to gather the product into suitable containers, in order to safely dispose of them.

**6.4 Reference to other sections**

For more information, refer to SECTION 8: Inspection of individual exposure/protection.

**SECTION 7: Handling and storage****7.1 Precautions for safe handling**

For handling of the rolls, the indications given under Title 7, Manual handling of loads, Legislative Decree dated April 9, 2008, no. 81 and subsequent amendments and integrations must be observed.

For greater weights, suitable equipment such as forklifts, bridge cranes etc. must be used.

It is forbidden to smoke and/or use open flames or incandescent bodies during handling.

Cages must be handled carefully, in order to avoid the packaging to break; they must be laid properly in order to avoid accidentally falling.

**7.2 Conditions for safe storage, including incompatibility cases**

Store away from heat or open flames, in roofed, dry and ventilated places, protected from sunlight and atmospheric agents, observing the current laws in force on health and safety and the standards of good practice for firefighting.

Store the rolls without changing the position and packaging they were delivered in.

**7.3 Specific final uses**

Recommended to professional users.

**SECTION 8: Individual exposure/protection inspection**

No control measures are required in relation to the physical and chemical characteristics of the product.

**8.1 Control parameters**

Limit Values of Exposure: none

**8.2 Exposure inspections, only for dust:**

Ensure good ventilation of the work station. If handling results in dust generation or high temperatures, local exhaust ventilation should be provided

to insure that exposure to dust or decomposition products does not exceed the exposure recommended levels.

Safety shower. Eye fountain.

Personal protective equipment:



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Dustproof clothing. Gloves. Safety glasses. Dust formation: dust mask.

Hand protection:

Protective gloves. Use insulated gloves when handling this material hot

Eye protection:

Safety glasses

Skin and body protection:

Wear suitable protective clothing. Safety foot-wear

Respiratory protection:

Dust/aerosol mask with filter type P1

**SECTION 9: Physical and chemical properties**

Appearance of the product: membrane in rolls

**9.1 Information on physical and chemical properties**

Physical state : Solid

Appearance : Solid cilinder

Colour : Translucent. White.

Odour : Odourless.

Odour threshold : No data available

pH : Not applicable

Relative evaporation rate (butylacetate=1) : No data available

Melting point : 50 - 170 °C

Freezing point : No data available

Boiling point : No data available

Flash point :  $\approx 350$  °C

Auto-ignition temperature :  $> 300$  °C

Decomposition temperature : No data available

Flammability (solid, gas) : No data available

Vapour pressure : No data available

Relative vapour density at 20 °C : No data available

Relative density : No data available

Density : 1 g/Cm<sup>3</sup>

Solubility : Water:  $< 1$  mg/l Insoluble

Log Pow : No data available

Viscosity, kinematic : Not applicable

Viscosity, dynamic : No data available

Explosive properties : No data available

Oxidising properties : No data available

Lower explosive limit (LEL): No data available

**9.2 Other information**

No data available

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**PROLEVELING – LEVELER****SECTION 10: Stability and reactivity****10.1 Reactivity**

The product is stable under normal conditions of temperature and pressure.

**10.2 Chemical stability**

The product is chemically inert.

**10.3 Possible hazardous reactions**

See SECTION 9: Physical and chemical properties.

**10.4 Conditions to be avoided**

No flames, no sparks. Eliminate all sources of ignition. Avoid temperature above 300°C.

**10.5 Incompatible materials**

Strong acids. Strong bases. Strong oxidizing agents. Halogens.

**10.6 Hazardous decomposition products**

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

**SECTION 11: Toxicological information****11.1 Information on toxicological effects**

There are no known dangerous effects under normal conditions of temperature and pressure.

**SECTION 12: Environmental information**

The product is not soluble in water. It is stable when laid according to the intended uses and do not release any substances. The product is exposed to atmospheric agents only during application for a short period of time; use as indicated in the laying manual and according to good working practices; avoid dispersion in the environment.

**12.1 Toxicity**

Not toxic.

**12.2 Persistence and degradability**

Not biodegradable.

**12.3 Potential of bioaccumulation**

ND

**12.4 Mobility in the ground**

Not mobile.

**12.5 Results of the PBT and vPvB evaluation**

Not present.



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**PROLEVELING – LEVELER****12.6 Other adverse effects**

None.

**SECTION 13: Considerations on disposal**

For disposal of the product (e.g. scraps from laying, damaged rolls), the laws in force must be observed, Legislative Decree N. 152/2006 and subsequent amendments and integrations, on special, non-hazardous waste. In general, the waste code, on the basis of the characteristics of the components and their use, is "CER 070213 Plastic refuses".

Entirely made of PP (polypropylene) products are completely recyclable.

The subject producing the waste must attribute the correct code, on the basis of the real use and presence of any polluting agents or alterations.

**13.1 Waste treatment methods**

Collect the waste separately and deliver as it is for disposal.

**SECTION 14: Information on transportation**

Not hazardous for transportation (ADR – RID – ICAO/IATA).

The characteristics of weight and size of the product make it necessary to take precautionary loading measures during carriage, storage and handling of the various products.

These precautions aim at protecting the product and preserving the original characteristics of the product itself.

**14.1 UN number**

Not applicable.

**14.2 Name of the UN shipment**

Not applicable.

**14.3 Risk classes connected with transportation**

Not applicable.

**14.4 Packing group**

Not applicable.

**14.5 Risks for the environment**

None.

**14.6 User's special precautions**

Not applicable.

**14.7 Bulk carriage according to Enclosure II of MARPOL 73/78 and IBC code**

No, carriage only with load in order and well distributed.



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**PROLEVELING – LEVELER****SECTION 15: Information on regulations**

During application, use and handling of the materials, adhere to the instructions given by the hygiene and safety laws in force.

**15.1 EU-Regulations**

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

VOC content : < 0.3 %

**15.2 National regulations**

These registration entries are for polymers only. For additives, please refer to TOTAL who will provide the necessary certification

Not listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

Complies the United States TSCA (Toxic Substances Control Act) inventory

Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory

Listed on the AICS (Australian Inventory of Chemical Substances)

Listed on KECI (Korean Existing Chemicals Inventory)

Listed on the Philippines Inventory of Chemicals and Chemical Substances (PICCS)

Listed on the China Inventory of Existing Chemical Substances (IECSC)

Listed on the Canadian DSL (Domestic Substances List)

Listed on NZIoC (New Zealand Inventory of Chemicals)

**SECTION 16: Other information**

Progress Profiles manufactures and sells non-hazardous ITEMS free from intentional release of substances; it is therefore exempt from obligations of law.

Training staff on good practice. Manipulations are to be done only by qualified and authorised persons. Use good personal hygiene practices.

Safety Data Sheet in conformity with:

- (EC) Regulations no. 1907/2006 of the European Parliament and Council, dated December 18, 2006, concerning the registration, evaluation, authorization and restriction of chemical substances (REACH) and subsequent amendments and integrations.

- (EU) Regulations no. 453/2010 of the commission dated May 20, 2010 containing the amendment to the (EC) Regulations No., 1907/2006 (REACH) – Enclosure I and Enclosure II Provisions for drawing up safety data sheets.