

DO 200 / DO 200 TOP SK

Highly breathable membrane

Riwega | eternitycomfort

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of: 05/03/2014

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SECTION 1: Identification of the substance / mixture and company identification

1.1	Product identifier	TRADE NAME: DO 200 / DO 200 TOP SK CODE: 02010200 / 02020314 (TOP SK)
1.2	Relevant identified uses of the substance or mixture and uses advised against	INTENDED USE: Flexible sheets for underlays which are to be used under roof covering of discontinuous roofs and for walls which are to be used in walls behind outside wall coverings in order to avoid penetration of wind and water from outside. APPLICATION ADVISED AGAINST: Undefined
1.3	Details of the supplier of the safety data sheet	RIWEGA GmbH Isola di Sopra Street, 28 I - 39044 Egna (BZ) Tel. +39 0471 827 500
1.4	Emergency telephone number	Gamper Werner Tel. +39 0471 827 500 E-mail: info@riwega.com

SECTION 2: Hazard identification

2.1	Classification of the substance or mixture	<u>Classification according to directive 1999/45/WE</u> The product is not classified as dangerous for human health and the environment. <u>Classification according to ordinance 1272/2008/WE</u> The product is not classified as dangerous for human health and the environment.
2.2	Elements of marking	<u>Hazard pictograms and signal word</u> There is no. <u>Product identifier</u> There is no <u>Phrases indicating precautions</u> There is no
2.3	Other threats	The product does not meet the PBT or vPvB criteria in accordance with Annex XIII of the REACH Regulation

SECTION 3: Composition / information on ingredients

3.1	Substance	Not applicable
3.2	Mixture	Product based on Polypropylene. The product does not contain hazardous components or those for which maximum permissible concentrations have been defined at the Community level.

SECTION 4: First aid measures

4.1	Description of first aid measure	<u>In contact with skin:</u> exposure by this route does not usually occur. In the event of contact with the melted product, exposed parts of the body with cool water. Do not peel off firmly adhered material. Contact with doctor. <u>In contact with eyes:</u> exposure by this route usually does not occur. <u>In the case of ingestion:</u> exposure by this route usually does not occur <u>After inhalation:</u> no exposure via this route.
4.2	Most important acute and delayed symptoms and effects of exposure	No known adverse effects or critical hazards when properly used.

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4.3 Indication of any immediate medical attention and special treatment to the victim

The decision about the method of rescue procedure is made by the doctor after a thorough assessment of the condition victim person's.

SECTION 5: Procedure in case of fire

5.1 Extinguishing media

Suitable extinguishing media: carbon dioxide, extinguishing powder, foam, water spray.

Unsuitable extinguishing media: compact water stream – danger of fire spreading.

5.2 Special hazards related to the substance or mixture

During combustion, toxic fumes containing carbon dioxide may be formed, and carbon monoxide may be present at the access of oxygen. Avoid inhalation of combustion products, may pose a health risk.

5.3 Information for firefighters

General protection measures typical in case of fire. Do not stay in a fire area without suitable clothing that is resistant to chemicals and breathing apparatus with independent air circulation.

SECTION 6: Proceeding in case of unintentional release to the environment

6.1 Personal precautions, protective equipment and emergency procedures

Observe the general rules of safety and hygiene.

6.2 Environmental precautions

In case of release of large quantities of the product, steps should be taken to prevent spreading in the environment.

6.3 Methods and materials to prevent the spread of contamination and to remove contaminants

Collect mechanically. Collect the material for re-use or treat it as waste.

6.4 Reference to other sections

Disposal of product waste – see section 13

SECTION 7: Handling and storage of substances and mixtures

7.1 Precautions for safe handling

Work in accordance with the principles of safety and hygiene. Prevent electrostatic discharge. In the case of rubbing or friction, electrostatic charges may accumulate on the surface of the film, which can be transferred to the user.

7.2 Conditions for safe storage, including any incompatibilities

Store the foils in a dry room, protected against the effects of weather conditions (solar radiation, frost and precipitation, etc.). Recommended storage conditions: temperature from 15 °C to 35 °C. Storage height up to 1.5 m. Keep at least 1 m away from active heating devices.

7.3 Specific use

No information on applications other than those mentioned in subsection 1.2.

SECTION 8: Exposure controls / personal protection

8.1 Control parameters

The product does not contain components subject to workplace exposure control (legal basis: Journal of Laws 2002, No. 217, item 1833, as amended).

8.2 Exposure control

Observe the general rules of safety and hygiene. Do not eat, drink or smoke during work. Wash your hands thoroughly before breaks and after work.

Hand and body protection

It is not required.

Eye protection

It is not required

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Respiratory protection

It is not required.

Control of environmental exposure

Large amounts of product should not be allowed to enter groundwater, sewage, sewage or soil.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state: PP spunbond nonwoven / PP foil / PP spunbond nonwoven

Color: Gray

Smell: Without smell

Smell threshold: Not tested

pH: Not applicable

Crystalline melting point: 160 °C - 170 °C (PP)

Processing temperature: 220 °C – 240 °C (PP)

Initial boiling point: Not tested

Flash-point: > 300 °C (PP)

Evaporation rate: Not applicable

Flammability (solid, gas): Not tested

Upper / lower explosion limit: Not tested

Resilience: Not applicable

The density of par: Not applicable

Density (20 °C): 0.85-0.92 g/cm³ (PP)

Solubility: Not solubility in water

Partition coefficient: n-octanol / water: Not tested

Temperature of self-ignition: Not tested

Decomposition temperature: Not tested

Explosive properties: Does not show

Oxidizing properties: Does not show

Viscosity: Not tested

9.2 Other information

No additional tests.

SECTION 10: Stability and reactivity

10.1 Reactivity

The product is resistant to chemical agents. See also 10.3 – 10.5

10.2 Chemical stability

With proper use and storage the product is stable.

10.3 Possibility of dangerous reactions

No dangerous reactions are known

10.4 Conditions to avoid

Protect against direct sunlight

10.5 Incompatible materials

There is no

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10.6 Hazardous decomposition products

There is no

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Based on available data, the classification criteria are not met.

Corrosive / irritating action to skin

Based on available data, the classification criteria are not met.

Serious eye damage / eye irritation

Based on available data, the classification criteria are not met.

Respiratory or skin sensitization

Based on available data, the classification criteria are not met.

Germ cell mutagenicity

Based on available data, the classification criteria are not met.

Carcinogenicity

Based on available data, the classification criteria are not met.

Reproductive toxicity

Based on available data, the classification criteria are not met.

Specific target organ toxicity – single exposure

Based on available data, the classification criteria are not met.

Specific target organ toxicity – repeated exposure

Based on available data, the classification criteria are not met.

Aspiration hazard

Based on available data, the classification criteria are not met.

SECTION 12: Ecological information

12.1 Toxicity

The product is not classified as dangerous for the environment.

12.2 Persistence and degradability

The product is difficult to biodegrade.

12.3 The ability to bioaccumulate

No data.

12.4 Mobility in soil

The product is not mobile in the soil.

12.5 Results of PBT and vPvB assessment

Results of PBT and vPvB assessment.

12.6 Other adverse effects

They are not known.

SECTION 13: Waste management

13.1 Waste treatment methods

The waste material should be stored in a designated place for reprocessing or destruction. The waste product should be recycled in materials or energy at authorized plants, in accordance with applicable regulations.

Waste code: 07 02 13 – plastic waste

Community legal acts: Directive of the European Parliament and of the Council: 2008 / 98 / EC and 94 / 62 / EC.

National legal acts: Dz.U. 2013 item 21, Journal U. 2013, item 888

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SECTION 14: Information of transport

14.1	UN number (number ONZ)	Not applicable, product not classified as dangerous during transport.
14.2	The proper UN transport name	Not applicable.
14.3	Hazard class in transport	Not applicable.
14.4	Packing group	Not applicable.
14.5	Threats to the environment	Not applicable.
14.6	Transport in bulk according to Annex II to MARPOL 73/78 and IBC code	Not applicable.

SECTION 15: Information on legal provisions

15.1 Safety, health and environmental regulations specific to the substance or mixture

Act of 25 February 2011 on chemical substances and mixtures thereof (Journal of Laws No. 63, item 322, together from late d.)

Regulation of the Minister of Health of 20 april 2012 on the labelling of dangerous substances and dangerous mixtures and certain mixtures (Dz.U.2012.445 with later amendments).

Regulation of the Minister of Health of 10 August 2012 on the criteria and method of classification of chemical substances and their mixtures (OJ 2012.1018, as amended).

Regulation of the Ministry of Labor and Social Policy of 29 November 2002 on the highest concentration limits and intensity of factors harmful to health in the work environment (Journal of Laws No. 217, item 1833 with later amendments).

Governmental Declaration of 28 May 2013 on the entry into force of amendments to Annexes A and B of the European Agreement concerning the International Carriage of Dangerous Goods by Road (ADR), done at Geneva on September 30, 1957 (Journal of Laws 2013 item 815).

The Waste Act of 14 December 2012 (Journal of Laws 2013, item 21).

Act of 13 June 2013 on the management of packing and packing waste (Journal of Laws 2013 item 888).

MOŚ Regulation of September 27, 2001 regarding the waste catalog (Journal of Laws No. 112, item 1206).

Regulation of the Minister of Economy of 21 December 2005 on essential requirements for personal protective equipment (Journal of Laws No. 259, item 2173).

Regulation of the Minister of Health of February 2, 2011 on the testing and measurement of agents harmful to health in the work environment (Journal of Laws No. 33, item 166).

1907/2006/EC Regulation on the registration, evaluation, authorization and application of restrictions in the field of chemicals (REACH), establishing the European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulations (EEC) No. 793/93 and No. 1488/94, as well as Council Directive 76/769/EEC and Commission Directive 91/155/EWG, 93/67/EEC, 93/105/EC and 2000/21/EC together with later.

1272/2008/EC Regulation of the European Parliament and of the Council of 16 December 2008 on the classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC and amending Regulation (EC) No. 1907/2006 with subsequent amendments.

67/548/EEC Council Directive of 27 June 1967 on the approximation of laws, regulations and administrative provisions relating to the classification, packaging and labelling of dangerous substances.

1999/45/EC Directive of the European Parliament and of the Council of 31 May 1999 concerning the approximation of the laws, regulations and administrative provisions of the Member States relating to the classification, packaging and labelling of dangerous preparations.

790/2009/EC Commission Regulation of 10 August 2009 adapting to scientific and technical progress Regulation (EC) No. 1272/2008 of the European Parliament and of the Council of 16 December 2008 on the classification, labelling and packaging of substances and mixtures.

453/2010/EC Commission Regulation of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH).

2008/98/EC Directive of the European Parliament and of the Council of 19 November 2008 on waste and repealing certain directives.

94/62/EC Directive of the European Parliament and of the Council of 20 December 1994 on packaging and packaging waste.

15.2 Chemical safety assessment

No chemical safety assessment has been carried out

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SECTION 16: Other information

Training

Before using the product, the user should familiarize himself with the health and safety rules at the workplace where the product will be used.

Additional information

Changes compared to the previous version: section 1-16.

The above information was based on currently available data characterizing the product and the experience and knowledge possessed by the manufacturer in this regard. They do not constitute a qualitative description of a product or a promise of specific properties. They should be treated as an aid for safe handling in the transport, storage and use of the product. This does not absolve the user from any liability for the misuse of the above information and compliance with all legal norms in force in this field.