



Basic Criteria for Award of the Environmental Label

Products made from Waste Rubber

RAL-UZ 30b



Edition April 2006

RAL GERMAN INSTITUTE FOR QUALITY ASSURANCE AND CERTIFICATION
Founded 1925

Siegburger Straße 39, D-53757 Sankt Augustin, tel: +49 (0) 22 41-16 05-0
fax: +49 (0) 22 41-16 05-11
Internet: www.blauer-engel.de, e-mail: Umweltzeichen@RAL.de



List of Contents

1 Preliminary Remarks:3
2 Scope3
3 Requirements3
4 Compliance Verifications5
5 Applicants and the Parties Involved5
6 Use of the Environmental Label6

Specimen Contract.....

Annex to the Contract.....

Check List.....



1 Preliminary Remarks:

- 1.1** In cooperation with the Federal Minister for the Environment, Nature Conservation and Nuclear Safety, the Federal Environmental Agency and considering the results of the expert hearings conducted by RAL, the Environmental Label Jury has set up these Basic Criteria for the Award of the Environmental Label.

RAL, reg. assoc., has been entrusted with the award of the Environmental Label.

Upon application to RAL and on the basis of a Contract on the Use of the Environmental Label to be concluded with RAL the permission to use the Environmental Label may be granted for all products, provided that they comply with the requirements as specified hereinafter.

- 1.2** Award of this Environmental Label is to promote the production and sales of products made from waste rubber.

The use of granulated waste rubber for new products usually is the ecologically more favourable solution as compared with the incineration of rubber for energy generation.

2 Scope

These Basic Criteria shall apply to finished products made from waste rubber. Included is any kind of waste rubber recovered from products which have fulfilled their function and are therefore no longer used or useable.

Excluded are production and processing wastes.

Overall analysis must show that the finished products are environmentally compatible.

3 Requirements

The above-shown Environmental Label may be used for the marking of the products under paragraph 2, provided that they comply with the following requirements:

- 3.1** The waste rubber content of the finished products must be at least 85%.

In a particular case the waste rubber content may be lowered from 85% to 70% if this is required under DIN Standards and other technical specifications.

- 3.2** The product must comply with the relevant standards of serviceability and safety.

- 3.3** No substances¹ may be added to the granulated waste rubber which:

- 3.3.1** which are classified according to Section 4 of the "Gefahrstoffverordnung" (Ordinance on Hazardous Substances)² in connection with annex I to Directive

¹ Terms within the meaning of Section 3, No.1 or No.4, resp., Publication of the revised version of the German Chemicals Act, dated July, 25, 1994.



67/548/EEC – (List of hazardous substances and preparations)³ and which according to Annex II to Directive 67/548/EEC require labelling with the danger symbols and designations very toxic (T+), toxic (T) and which – under Annex III to the Directive – require labelling with the following R Phrases:

R 40 – (possible risk of irreversible effects)

R 45 – (may cause cancer)

R 46 – (may cause heritable genetic damage)

or

R 61 – (may cause harm to the unborn child)

R 63 – (possible risk of harm to the unborn child)

3.3.2 in TRGS 905⁴ or in the MAK-value-List⁵, as amended, are classified as

a) carcinogenic according to EC Category Carc.Cat.1, Carc.Cat.2 or Carc.Cat.3 or according to the MAK classification III1, III2, III3;

b) mutagenic according to EC Category Mut.Cat.1, Mut.Cat.2 or Mut.Cat.3 or M1, M2, or M3;

c) teratogenic according to EC Category Repr.Cat.1, Repr.Cat.2 or Repr.Cat.3 or R_{E/F}, R_{E/F2} or R_{E/F3}.

3.3.3 or which according to scientific knowledge must be classified in one of the categories under para.3.3.2 as carcinogenic, teratogenic or mutagenic or have sensitizing or other chronically damaging properties or which as such or as their impurities or decomposition products are apt to cause considerable risk or considerable disadvantage for the public.

3.3.4 Production-induced impurities of substances under paras. 3.3.1 and 3.3.2 must not exceed 0.01 weight per cent in the additive.

Yet, regardless of this, carcinogenic, mutagenic and teratogenic substances shall be minimized in keeping with the state of the art.

3.4 In addition to this and in deviation from the concentration limits set out in Directive 88/379/EEC⁶ substances classified according to Section 4a, Ordinance on Hazard-

² Amended version of the Ordinance on Hazardous Substances, dated October 18, 1999 (Federal Law Gazette I, page2059).

³ Council Directive 67/548/EEC, dated June 27, 1967 (Official Journal of the European Communities L 196, page 1): Published in the series of documents of the Federal Institute for Occupational Safety and Health-Regulations – RW 23, List of Hazardous Substances and Preparations under Annex 1 to Directive 67/548/EEC.

⁴ Revised version of TRGS 905, List of carcinogenic, mutagenic or teratogenic substances (edition: June 1997).

⁵ Maximale Arbeitsplatzkonzentration und biologische Arbeitsstofftoleranzwerte, Deutsche Forschungsgemeinschaft, -Senatskommission zur Prüfung gesundheitsschädlicher Arbeitsstoffe, Wiley-VCH, Weinheim – (Maximum concentration in the workplace and biological tolerance values for working materials, German Society for the Advancement of Scientific Research, Senate Commission for the Testing of Hazardous Working Materials, Wiley-VCH, Weinheim), 37th Communication (2001) or as amended.

⁶ Council Directive 88/379/EEC of June 7, 1988 (Official Journal of the European Communities L 187, page 14).



ous Substances, in connection with Annex I to Directive 67/548/EEC, shall not exceed the following concentration limits in the final product:

- 3.4.1** Substances classified or considered as “health-Endangering” may be contained in the final product in a single concentration not exceeding 50%
- of the single concentrations as stipulated in Annex I to Directive 67/548/EEC relating to the substance(s) concerned, or
 - of the single concentrations as stipulated in Nos. 1,2, 3 or 5 of Annex I (Tables I, II, III or V) to Directive 88/379/EEC.
- 3.4.2** Substances classified or considered as “burning” which are assigned to standard label R 34 may only be contained in the final product in a single concentration not exceeding 50%
- of the single concentrations as stipulated in Annex I to Directive 67/548/EEC relating to the substance(s) concerned, or
 - of the single concentrations as stipulated in no. 4 of Annex I (Table IV) to Directive 88/379/EEC.
- 3.4.3** Substances classified or considered as (irritating to skin, eyes or respiratory tract” may only be contained in the final product up to single concentrations not exceeding 50% of those single concentrations which lead to a classification according to Article 3, para. 4, sub-paras. g) h) and i).

4 Compliance Verifications

- 4.1** The applicant shall add product information and advertising literature to his/her application documents.
- 4.2** The applicant shall describe the composition and/or the origin of the granulated waste rubber used as well as its share in the finished product.
- 4.3** The applicant shall declare compliance with the requirement pursuant to para.3.2.
- 4.4** The applicant shall indicate the trade names and chemical designations of the additives used. The applicant shall submit actual Safety Data Sheets pursuant to EC Directive 91/155/EEC in German or English for all additives or preparations added, respectively.

5 Applicants and the Parties Involved

- 5.1** Manufacturers of finished products made from granulated waste rubber shall be eligible for application.
- 5.2** Parties involved in the award process
- RAL to award the Blue Angel Eco-Label,



- the federal state where applicant's production site is located,
- Umweltbundesamt (Federal Environmental Agency) which, after signing of the contract, receives all data and documents submitted in application for the Blue Angel in order to be able to proceed with the development of the Basic Award Criteria.

6 Use of the Environmental Label

6.1 The terms governing applicant's use of the Environmental Label shown on page 1 are stipulated by a Contract on the Use of the Environmental Label to be concluded with RAL.

6.2 Within the scope of such contract the applicant undertakes to comply with the requirements under para.3 as long as he/she makes use of the Environmental Label.

6.3 For the marking of products according to para.2 above Contracts on the Use of the Environmental Label are concluded. These contracts shall run until December 31, 2008. They shall be extended by periods of one year each, unless the contract is terminated in writing by March 31, 2008 or by March 31 of the respective year of extension.

After the expiry of the contract the Environmental Label may neither be used for labelling nor for advertising purposes. This regulation shall not affect the products being still in the market.

6.4 The applicant (manufacturer) shall be entitled to apply to RAL for an extension of the right to use the label to the product entitled to the label if it is to be marketed under another brand/trade name and/or under other marketing organizations.

6.5 The contract on the use of the Environmental Label shall give the following particulars:

6.5.1 Applicant (manufacturer)

6.5.2 Brand/trade name and product designation

6.5.3 Distributor (label user), i.e. the marketing organization pursuant to para.6.4.

© 2006 RAL, Sankt Augustin



C O N T R A C T

No.
on the Award of the Environmental Label

RAL, reg. assoc., as label awarding agency, and the firm of

(Distributor/Manufacturer)

as applicant, conclude the following Contract on the Use of the Environmental Label:

S P E C I M E N

1. Under the following conditions the applicant shall be entitled to use the Environmental Label for the labelling of the product/product group/project:
Products made from Waste Rubber for

"(Brand/Trade Name - Product Designation)"

This shall not include the right to use the Environmental Label as part of a brand. Unless otherwise agreed, the Environmental Label shall only be used in the above given shape and colour and shall be marked at the bottom "Jury Umweltzeichen" (Environmental Label Jury). The entire inner surrounding text shall always be identical as regards size, form, thickness and colour of the letters and it shall be easy to read.

2. The Environmental Label according to para. 1 shall only be used for the above-mentioned product/product group/ project.
3. If the Environmental Label is used for advertising purposes the applicant shall make sure that it is exclusively used in connection with the above-named product/product group/ project for which the use of the Environmental Label has been granted and settled under this contract. The applicant shall be solely responsible for the way the label is used, above all, in advertising.
4. During the entire period of label use the product/product group/project to be labelled shall comply with all requirements and conditions for the use of the label as specified in the "Vergabegrundlage für Umweltzeichen RAL-UZ **30b**" (Basic Criteria for Award of the Environmental Label RAL-UZ **30b**), as amended. This shall also apply to the reproduction of the Environmental Label (including the surrounding text). Claims for damages against RAL, especially on the grounds of third party objections to the applicant's use of the label and the accompanying advertising shall be ruled out.
5. If the "Basic Criteria for Award of the Environmental Label" provide for checks by third parties the applicant shall bear the costs accruing in connection therewith.
6. Should the applicant himself or third parties find out that the applicant does not comply with the conditions as stipulated in paras. 2-5 he shall be liable to inform RAL and stop the use of the Environmental Label until the conditions are complied with again. Should the applicant be incapable of restoring the state required for the use of the label immediately or should the applicant seriously offend against this contract RAL may, if necessary, withdraw the Environmental Label and prohibit the applicant from using the label any longer. Claims for damages against RAL because of the withdrawal of the label shall be ruled out.
7. The Contract on the Use of the Environmental Label may be terminated for good reason.
Examples of good reasons are:
- unpaid contributions
- substantiated risk of injury and death.
In such case, applicant's continued use of the Environmental Label shall be prohibited.
The applicant shall not be entitled to bring a claim for damages against RAL (see above: paragraph 6, sentence 3).
8. The applicant undertakes to pay RAL an amount according to the "Beitragsordnung für das Umweltzeichen" (Schedule of Contributions for the Environmental Label), as amended, for the period of use.
9. According to the Basic Criteria for Award of the Environmental Label RAL-UZ **30b** this contract will run until December 31, **2008**. It shall be extended by periods of one year each, unless terminated in writing by March 31, **2008** or by March 31 of the respective year of extension. After the expiry of the contract the Environmental Label may neither be used for labelling nor for advertising purposes. This regulation shall not affect the products being still in the market.
10. Products/projects marked with the Environmental Label and the advertising for these products/projects may reach the consumer only when naming the firm of the

(Applicant/Distributor)

Sankt Augustin, this day of

Date, Place

RAL e. V.

(Signature of authorized representative and corporate seal)

RAL GERMAN INSTITUTE FOR QUALITY ASSURANCE AND CERTIFICATION

Founded 1925

Siegburger Straße 39, D-53757 Sankt Augustin



Annex to the Contract pursuant to RAL-UZ 30b
Environmental Label for
„Products made from Waste Rubber“

**Please use
this form !**

Manufacturer (Applicant):

Distributor (Label User):

Brand / Trade Name:

Product designation¹:

Field of application:

In accordance with RAL-UZ 30b, para 3.1, the following sorts of granulated waste rubber are included in the product:

-
-
-

Origin of the granulated waste rubber:

Material Composition of the finished product:

- granulated waste rubber weight per cent
- other materials weight per cent

Information on the additives used:

Trade name:

Chemical designation:

¹ One "Annex" shall be completed for each different product designation.



Declaration of the Applicant

It is hereby stated that the product complies with the relevant standards of serviceability and safety.

The Bundesamt für Wehrtechnik und Beschaffung (Federal Office for Defense Technology and Procurement) has registered the product under Supply Reg. No.²

Annexes:

- Safety Data Sheets according to EC Directive 91/155/EEC with CAS Number for the additives used
- Product information
- Advertising literature

Place:

Applicant:

Date:

(signature by authorized
representative and corporate seal)

² Products equipped with a Supply Reg.No. are reported by the Federal Environmental Agency to the Bundesmaterialkatalogisierungszentrale (Central Federal Office for Material Registration). Its information system kept for various procurement offices of the Federal Government lists these products with a special mark indicating that they have been awarded the Environmental Label. The Environmental Label has no influence on the issuance of a Supply Reg.No..



**To the
Applicant**

Check List

Re: Application for Award of the Environmental Label
according to RAL-UZ 30b
for "Products made from Waste Rubber"

Dear Madam,
Dear Sir,

to make sure that your application for Award of the Environmental Label is processed without delay you are kindly requested to submit the following documents to RAL:

- Product-related informal application on your letter-head paper indicating the federal state where the applicant's production plant is located that manufactures the products to be marked with the label.
- Fully completed "Annex to the Contract" according to RAL-UZ 30b.
- Product information (3 copies).
- Advertising literature (3 copies).
- Safety Data Sheets according to EC Directive 91/155/EEC with CAS Number for the additives used.
- Expected sales of the products to be marked with the Environmental Label during the year of application. This information is required only if, so far, no other contract on the Use of the Environmental Label according to RAL-UZ 30b has been concluded with RAL.