

## Form 2 Classification and additives

### Form 2a for requirements R3, R4, R5 and R6.(Chapter 2.1)

For padding material only R4

The name and area of use of the chemical product/raw material  
Polyurethane foam HR38150, HR44195, HR44215, HR50270, RP35235

Manufacturer of the chemical product  or supplier of chemical raw material :  
Carpenter Sweden AB

### Classification of chemical products

Exceptions from the following classification may occur in the individual requirement.

Classification	Associated hazard symbol and R-phrases <sup>1</sup>	CLP-regulation 1272/2008 <sup>1</sup>
Environmental hazard	N with R50, R50/53, R51/53 and/or R59	H400 Very toxic to aquatic life, Category 1 acute; H410 Very toxic to aquatic life with long-lasting effects, Category 1 chronic; H411 Toxic to aquatic life with long-lasting effects, Category 2 chronic; and/or EUH059 hazardous to the ozone layer
Highly toxic	Tx (T+ in Norway) with R26, R27, R28 and/or R39	H330 Fatal to inhale, Category 1 and 2; H310 Fatal in contact with skin, Category 1 and 2; H300 Fatal if swallowed, Category 1 and 2; and/or H370 Causes damage to organs, Category 1
Toxic	T with R23, R24, R25, R39 and/or R48	H330 Fatal to inhale, with Category 2; H331 Toxic if inhaled, Category 3; H311 Toxic in contact with skin, Category 3; H301 Toxic if swallowed, Category 3; H370 Causes damage to organs, Category 1; and/or H372 causes damage to organs through prolonged or repeated exposure, Category 1
Carcinogenic	T with R45 or R49 Or Xn with R40 <sup>2</sup>	H350 May cause cancer, Category 1A/1B; H350i May cause cancer by inhalation, Category 1B; Or H351 Suspected to cause cancer, Category 2
Mutagenic	T with R46 or Xn with R68	H340 May cause genetic defects, Category 1A/1B; H341 Suspected to causing genetic defects, Category 2
Reproductive toxicity	T with R60 and/or R61 Or Xn with R62 and/or R63	H360F May damage fertility, Category 1A/1B and/or H360D May damage the unborn child, Category 1A/1B H361f Suspected to damaging fertility, Category 2 and/or H361d Suspected to damaging the unborn child, Category 2

<sup>1</sup> Products shall not be classified in accordance with the table above, and in accordance with the EU directive 67/548/EEC with subsequent amendments and adaptations or/and CLP -regulation 1272/2008 with subsequent amendments. In the transition period e.g. until 1th June 2015, the Dangerous Substances Directive or the CLP-regulation can be used. After the transition period only the CLP-regulation will be used. A list of R-sentences and their meaning is given in form 2b in appendix 2.

<sup>2</sup> For adhesives with isocyanate and formaldehyde, exception is given for classification as R40/H351.

Please note that the producer is responsible for correct classification.

Is the product/raw material classified in accordance with the above table?

Yes  No

Product safety data sheets/product sheets in accordance with the legislation in force in the country of application for example Appendix II of REACH (Directive 1907/2006/EC) for each product.

Appendix no. \_\_\_\_\_

*Information from the chemical producer in the form of a recipe may be submitted directly to Nordic Ecolabelling and will be treated confidentially.*

### The content and additives to chemical products and materials

The declaration applies to all additives.

Additives are all substances in the product, including additives (e.g. pigments) in the ingredients, not pollutants from the production of raw materials. Pollutants are traces from raw material production present in the finished product in concentrations of less than 100 ppm (0.01% by weight, 100 mg/kg), but not products that have been added to a raw material or product deliberately and for a purpose, irrespective of quantity.

Does the product/raw material contain free formaldehyde?  
If yes, specify quantity in % by weight:

Yes  No

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Does the product/raw material contain volatile aromatic compounds (VAC)?  
If yes, specify chemical name, CAS number and quantity in % by weight:

Yes  No

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Does the surface treatment of the product/raw material contain volatile organic compounds (VOC)?  
If yes, specify chemical name, CAS number and quantity in % by weight:

Yes  No

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Does the product/raw material contain substances classified as environmentally dangerous in the surface treatment in accordance with any of the following risk phrases: N; R50, R50/53, R51/53, R52/53, R53 eller R59 (H400, H410, H411, H412, H413, EUH059)?  
If yes, specify chemical name, CAS number and quantity in % by weight:

Yes  No

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Does the product/raw material contain isothiazolines or a mixture of CMIT/MIT (mixing ratio 3:1)?  
If yes, specify chemical name, CAS number and quantity in % by weight:

Yes  No

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Does the product/raw material contain nano-metals, -minerals, -carbon compounds and/or -fluorine compounds?

Yes  No

If yes, specify chemical name, CAS number and quantity in % by weight:

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Is the product an adhesive containing volatile organic compounds (VOC)?

Yes  No

If yes, specify chemical name, CAS number and quantity in % by weight:

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**Are the following constituent substances added to the product:**

Halogenated organic compounds in general. For example PVC, chloroparaffins, fluorine compounds, flame-retardants and bleaching chemicals?

Yes  No

PFOA (Perfluorooctanoic acid), PFOS (Perfluor octane sulfonic acid) or compounds thereof?

Yes  No

Bisphenol A compounds?

Yes  No

Biocidene: chlorophenols (their salts and esters) or dimethylfumarates\*?

Yes  No

Phthalates?

Yes  No

Aziridine and/or polyaziridine?

Yes  No

Carcinogenic, mutagen and reproduction damaging compounds (Category 1 and 2 according to 67/548/EC)?

Yes  No

Pigments/ additives based on lead, tin, cadmium, chromium VI and mercury and their compounds?

Yes  No

Does the chemical product contain alkylphenols, alkylphenoethoxylates or other alkylphenol derivatives?

Yes  No

Have biocides been added to the finished surface of the furniture or parts of it, in order to give disinfecting or antibacterial effect?

Yes  No

\* This also applies to transport and storage of products and semi-finished products

**Example of calculation of quantity of VOC applied in R18 and accordingly for criteria R20:**

The manufacturer has disclosed consumption of varnish of 120 g/m<sup>2</sup> and spraying equipment with recycling (70%) as the means of application. Form 2a states that the varnish in total contains 6% organic solvents.

The calculation will be:  $(120/0.7) \times 0.06 = 10.3 \text{ g/m}^2$  organic solvents.

Signature of manufacturer or raw material producer:

Date 2013-05-23	Company name Carpenter Sweden AB
Signatory 	Telephone +46 140 38 60 00

Göran Werner

## Form 7      Padding materials

### Form for requirements applicable to padding materials (Chapter 2.7)

Name and description of type of padding material:

Polyurethane foam HR38150, HR44195, HR44215, HR50270, RP35235

Producer/importer: Carpenter Sweden AB

Does the product contain dyes?

Yes       No

If yes:

Are the dyes used solely to distinguish between different qualities within the same type of padding material?

Yes       No

Are metal complex dyes used?

Yes       No

State which dyes are used:

Name:

CAS No:

\_\_\_\_\_  
\_\_\_\_\_

### Polyuretane

Are CFC, HCFC, HFC, methylene chloride or halogenated organic compounds used as blowing agents?

Yes       No

Describe the expansion process: Water and isocyanate forms  
Carbondioxide which is the only way of expansion

\_\_\_\_\_

Are isocyanates used in a closed process, is the prescribed protective equipment used and are requirements from authorities regarding the use of isocyanates followed?

Yes       No

If no, please explain: \_\_\_\_\_

\_\_\_\_\_

Signature of producer:

Date 2013-05-23	Company name Carpenter Sweden AB
Signatory 	Telephone +46 140 38 60 00

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