



Complete information about regulations for health protection in the Czech Republic, Europe and North America

This is an official declaration of Preciosa on legislative measures admitted in relation to the social interest in Health Safety and Environment Protection.

As a European company running a business in compliance with the Health Safety and Environment Protection rules since its establishment, we feel obliged to inform you about the current legislative changes related, in a particular way, to the use of crystal components and/or products made of them.

The aim of this material is to provide you with current and direct information regarding the impact of these most important European, or American legislative regulations for the use of Preciosa crystal products.

I. ROHS – Restriction on use of Hazardous Substances

Territory: European Union

Restriction subject: Electric and electronic products produced or imported into EU.

The Directive **RoHS 2002/95/EC** regulates the use of certain hazardous chemical elements in electric and electronic goods (e.g. watches, mobile phones, chandeliers, etc.). A limit of 0,1% (1000 ppm) Pb is the maximum allowed for the use of lead in electric and electronic materials.

The European Commission granted an exemption for the use of lead in the lead crystal glass melts in October 2006. This exemption **has been extended by the decision of the European Commission from 24th of September 2010 issued under No. 2010/571/EU indefinitely with unlimited validity.**

This exemption means that the products made of the Preciosa glass melt types that are in compliance with the Directive 2002/95/EC – RoHS can continue to be used without any restrictions and until further notice to decorate all types of electric and electronic products and appliances.

Glass melts in compliance with RoHS :

Crystal, Alexandrite, Amethyst, Aqua Bohemica, Aquamarine, Black Diamond, Blue Zircon, Capri Blue, Deep Tanzanie, Emerald, Fuchsia, Gold Beryl, Gold Quatrz, Green Turmaline, Chrysolite, Indicolite, Jet, Jonquil, Light Amethyst, Light Burgundy, Light Colorado Topaz, Light Peach, Light Rose, Light Sapphire, Montana, Olivine, Peridot, Pink Sapphire, Rose, Ruby, Sapphire, Smoked Topaz, Tanzanite, Topaz, Turquoise, Violet, White Opal, including all colour finishes and coatings applied to all the glass colours stated hereinbefore.

Products from glass melts in compliance with RoHS can be used as decorative parts in electric and electronic appliances without any restrictions.

Glass melts NOT in compliance with RoHS:

Citrine, Sun, Hyacinth, Coral, Light Siam, Siam, Garnet

Glass melts that are NOT in compliance with RoHS must not be used as decorative parts of electric and electronic appliances.

To learn more about RoHS, please visit: http://ec.europa.eu/environment/waste/rohs_eee/index_en.htm

Updated: 1.2.2013

II.

REACH - Registration, Evaluation, Authorisation and Restriction of Chemical Substances

Territory: European Union

Restriction subject: Human Health and Environment Protection against adverse effects of chemical substances

The European Commission elaborated a Directive (EC 1907/2006) known as REACH with the aim to ensure Human Health and Environment Protection against adverse effects of chemical substances. The Directive imposes - to all companies conducting business with chemical substances - to adopt compulsorily “a special chemical substances work regime”.

(REACH is valid from 1st of July 2007.)

Producers, importers and follow-up users of chemical substances and/or substances contained in preparations and in items MUST, in compliance with the Directive, ask for their registration at the European Chemical Agency as of 1st of June 2008.

The obligation to register in relation with chemical composition is mainly related to chemical substances and preparations made of them, BUT NOT according to the article 7, the paragraph 1 of the REACH Directive to final products, i.e. items which can be considered – under standard or reasonable foreseeable conditions of use – as completely safe.

Preciosa does not supply either chemical substances or chemical preparations or mixtures on the market. The products that we supply are final products that meet the above mentioned requirements. This means that they are not subject to the REACH registration.

Preciosa® guarantees to the customer that all below listed product lines do not contain any SVHC substances stated in appendix XIV of REACH registration and are also in conformity with requirements specified in COMMISSION REGULATION (EU) No 494/2011 of 20 May 2011 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as regards Annex XVII (Cadmium).

Product lines:

Fashion Jewellery Stones, Flat Back Stones, Beads and Pendants, Chandelier Trimmings, Nacre Pearls, Cabochons, Fashion & Fashion Jewellery Components

The Preciosa Company or its customers are therefore not currently obligated to take any measures related to this matter.

At the same time we would like to assure you that all the chemical substances which we buy are in compliance with the REACH Directive and the way in which Preciosa handles them meets the strictest safety regulations to guarantee Human Health and Environmental Protection.

To download: [REACH Declaration](#)

To learn more about REACH, please visit: http://ec.europa.eu/environment/chemicals/reach/reach_intro.htm

Updated: 1.2.2013



REACH Annex XVII – content of lead and its compounds in jewellery

Territory: European Union

Restriction subject: Human Health and Environment Protection against adverse effects of chemical substances

COMMISSION REGULATION (EU) No 836/2012 (part of REACH Annex XVII), which shall come into effect on 9 October 2013, restricts a content of lead and its compounds in jewellery.

According to this regulation all components of jewellery must contain less than 0,05% (500ppm) of lead and its compound by weight. Lead bound in crystal glass as defined in Annex I of Council Directive 69/493/EEC are exempt.

Crystal glass categories defined in Annex I of Council Directive 69/493/EEC:

1) Full Lead Crystal (Crystal Superior)

>30% PbO (Lead Oxide); >40% SiO₂ (Silicon Dioxide) and > 10% Na₂O and K₂O together (Sodium and Potassium Oxide)

2) Lead Crystal

>24%PbO (Lead Oxide); >45% SiO₂ (Silicon Dioxide) and > 10% Na₂O and K₂O together (Sodium and Potassium Oxide)

3) Crystal Glass

>10% of ZnO (Zinc Oxide), BaO (Barium Oxide), K₂O (Potassium Oxide), PbO (Lead Oxide) single or together, density >2,45 kg/dm³, refractive index nD >1,520.

Preciosa, a.s. herewith guarantees to the customer that all products of Preciosa® GENUINE CZECH CRYSTAL™ are in conformity with these requirements because they either contain less than 500ppm of lead and its compounds by weight, or they can be classified as crystal glass according to Annex I of Council Directive 69/493/EEC and they are exempt.

To download: [REACH Declaration](#)

To learn more about REACH, please visit: http://ec.europa.eu/environment/chemicals/reach/reach_intro.htm

Date: 17.07.2013

Contact for more information:

If you are interested in further information regarding any of the topics mentioned herein, please contact our sales department or send an email to info@preciosa.com



III. **CPSIA**

Territory: USA

Restriction subject: Limits for lead contained in components intended for children's fashion jewellery

A U.S. federal law „Consumer Product Safety Improvement Act“ known as CPSIA came into force in 2009. Based on this law it is impossible to sell fashion jewellery containing more than 100 ppm of lead (0,01%) to children under 13 in the USA as from 14.8.2011. Preciosa crystal glass melts do not meet this required limit.

Some states, such as California and Illinois adopted further stricter legislative measures beyond the requirements of CPSIA, aimed at reducing the potential negative impacts arising from an excessive use of lead in consumer products including fashion jewellery for children.

The adopted measures partially touch on the use of crystal product supplied by Preciosa as well, even though it has been proved that the lead bonded in crystal does not spontaneously leak out and therefore there is no presumable risk of exposure to a dangerous amount of lead when handling it.

For a summary of legislative norms regulating the fashion jewellery production sector please visit:

<http://www.cpsc.gov/Business--Manufacturing/Business-Education/Lead/Total-Lead-Content/>

For more information, please visit: <http://www.dtsc.ca.gov/LeadInJewelry.cfm>

Updated: 01.02.2013

IV. **EN 71 – The use of Preciosa crystal products in products for children**

Territory: European Union

Restriction subject: Regulation EN 71 – Toy safety – part 3, edition 1996/A1, issue 2001

Preciosa crystal products are in compliance with the conditions set by the European norm EN 71 – Toy safety – part 3. This means that Preciosa crystal products can be safely used in products for children, such as fashion jewellery for children.

To download: [Certificate EN 71 – Toy safety](#)

Updated: 16.03.2012

V. **Proposition 65**

Territory: California, USA

Restriction subject: Glass melts and products containing lead intended for sale in the state of California, USA

Hereby we would like to point out that Proposition 65 is still in force. In the event of a failure to comply with it, you can be strictly sanctioned according to California law.

To learn more about Proposition 65 and its relation to Preciosa products, please visit: [Prop. 65 Statement](#)

Updated: 20.7.2011

VI.

Content of lead, cadmium and chromium in foiling

Territory: Worldwide

Restriction subject: Heavy metals in products (lead, cadmium, chromium)

Foiling supplied on Preciosa products does not show traces of lead, cadmium and chromium.

The following types of Preciosa foiling:

- Gold foiling
- Standard foiling

contain, based on analysis carried out by an independent testing laboratory No. 1455, accredited by the Czech institute for Accreditation, an amount of the lead, cadmium and chromium content under the measurable amount of 0,002% (20ppm).

This means that these types of foiling do not show measurable amounts of lead, cadmium and chromium and therefore it is possible to handle them in the same way as items not containing these substances at all.

To download: [Protocol No.4048](#)

Updated: 20.7.2011

VII.

AZO Test

Territory: worldwide

Restriction subject: AZO compounds in products

Preciosa, a.s. declares that no raw materials used in the production contain AZO compounds and that these substances do not arise as products of Preciosa production technologies.

None of our products contain AZO compounds and never come into contact with them in no way.

For this reason it is not necessary to prove the absence of AZO compounds using the AZO test.

Updated: 20.7.2011

VIII.

Oeko-Tex® Certificate

Territory: European Union, worldwide

Restriction subject: Harmful substances in products according to the Oeko-Tex® Standard 100
Preciosa products meet the requirements for materials coming into direct contact with human skin.

To download: [Oeko-Tex® Certificate](#)

Updated: 19.12.2013

IX.

General warning

Loose stones produced in Preciosa may be dangerous for children, in cases when they inhale or swallow them. Therefore when working with loose stones, do not leave children without adult supervision. In case that it is not possible to guarantee such supervision, PRECIOSA recommends preventing children from accessing the stones. The stones are intended for decorative purposes and should not be used as a toy in any case. In case of inhaling or swallowing contact a doctor.

Updated: 20.7.2011



X.

Contact for more information

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