



DECLARATION OF CONFORMITY SILICONE BUNGS CAUTXU 2000

Product identification

Silicone Bungs for Barrels.

Place of fabrication

CAUTXU 2000, S.L.
C/ Besalu, nº 5.
Pol. Ind. Pla de la Bruguera.
08211- Castellar del Valles.
Barcelona, Spain.

Telephone : (+34)-93-714-75-04.

Quality of raw material

The silicone bungs CAUTXU 2000 are elaborated with Platinum Silicone.

Declaration of Conformity according to the European Regulation

The silicone barrel bungs CAUTXU 2000, intended to be brought into contact with wine throughout the process of winemaking in barrel, are according to European Regulations (EC) nº 1935/2004 of the European Parliament and the European Council.

Quality Sheet

In order to guarantee a high level of information of product traceability, migration of flavors and odors, haloanisoles and halophenols, residual oxidizing agents, food contact FDA certification, refer to our Quality Sheet coming together within every delivery.

Quality Sheet: Food Contact Certification

It is food contact certified FDA (food code 21 CFR - §177.2600).

Quality Sheet: Traceability

The Lot number is inscribed on the Delivery Note and on the Quality Sheet coming together within every delivery.

Quality Sheet: Migration of flavors and odors

The obtained values of global migration in wine simulant are lower to the maximum established global migration limit (regulation EU 10/2011 and subsequent amendments). The material accomplish correctly with the European Regulation in accordance to the global migration of components within the wine simulant.

The obtained results are compliant with the specifications of the arrêté of the 25 November 1992 (JORF 25/11/92), for being in contact with wine according to Regulation (EC) n° 1935/2004 and (EC) n° 2023/2006.

Quality Sheet: Haloanisoles and halophenols

The presence of TCA, TeCA, TBA, PCA, TCP, TeCP, TBP, PCP is not detected.

Quality Sheet: Oxidizing agents

The presence of oxidizing agents (peroxides) is not detected.

Regulated Substances: Heavy Metals

The following heavy metals are not introduced within the formulation:

Aluminum	Iron
Barium	Lithium
Cobalt	Manganese
Copper	Zinc

Regulated Substances: Phtalates and bisphenol A (BPAs)

The following phtalates and BPAs are not introduced within the formulation:

BPA	Bisphénol A	CAS-No.: 80-05-07.
DIDP	Di-“isodecyl” phthalate	CAS-No.: 26761-40-0, 68515-49-1.
DINP	Di-“isononyl” phthalate	CAS-No.: 28553-12-0, 68515-48-0.
DIPP	Diisopentyl phthalate	CAS-No.: 605-50-5.
DNOP	Di-n-octyl phthalate	CAS-No.: 117-84-0

Regulated Substances: causing allergies and intolerances

According to the Regulation (EC) n° 1169/2011 (Annex II), the following substances causing allergies or intolerances are not introduced within the formulation:

-Cereals containing gluten and products thereof.

- Crustaceans and products thereof.
- Eggs and products thereof.
- Fish and products thereof.
- Soybeans and products thereof.
- Milk and products thereof.
- Nuts and products thereof.
- Celery and products thereof.
- Mustard and products thereof.
- Sesame and products thereof.
- Sulphur dioxide and sulphites: $\text{SO}_2 > 10 \text{ mg/Kg}$ or $\text{SO}_2 > 10 \text{ mg/L}$.
- Lupin and products thereof.
- Molluscs and products thereof.

Utilization of silicone bungs for barrels

The product is destined to close the oak barrels. It is a product suitable for being in contact with wine and alcoholic beverages. The bung, together with the barrel, is destined to be in contact with wine or spirits in the following cases:

- ⇒ The winemaking phase (alcoholic and malolactic fermentation from grape must)
- ⇒ Maturing phase / Ageing phase,

by respecting the good oenological practices (Guides de Bonnes Pratiques Hygiéniques-Filière vins, OIV...).

Utilization: Sensorial analysis

Macerated of silicone bungs correct, no defects are detected.

Utilization: In case of sulphuring the barrel

Do not use the silicone bungs when sulphuring the barrel.

Utilization: Under normal conditions

The product is not explosive, not oxidizing, not toxic, not infectious, not radioactive, not corrosive, not magnetic. Under normal conditions, it's not a dangerous product.

Utilization: In case of fire

Use the standard protocols against fires. Consider the possible surrounding dangers caused by other products located nearby.

Utilization: In case of combustion / thermal decomposition

Decomposition temperature: > 180°C.

If the product is in combustion, or in thermal decomposition conditions, the material may liberate carbon oxides, formaldehyde, and other gas products.

Utilization : Incompatible substances

Keep away from alkalis and caustic products. Do not mix dirty materials with clean materials. Keep away from all incompatible materials. It reacts with: alkalis, caustic products, strong oxidizing agents, chemical compounds with mobile hydrogen, in the presence of salts and metal complexes.

Utilization: Handling and product storage (at normal conditions)

Protection for face and eyes:	At normal conditions, PPE is not needed.
Protection for respiration:	At normal conditions, PPE is not needed.
Protection for skin and hands:	At normal conditions, PPE is not needed.

If the product is found on the floor, there is the risk of stepping on, and falling down.

The durability of the stocked product, at normal conditions, is of 5 years minimum.

Specifications of the product

The product is in contact with alcoholic beverages contained in barrels.

The surface of the bung, in contact with the beverage, corresponds to the bung surface facing toward the inner side of the barrel.

The volume of beverage, being in contact with the bung, corresponds to the volume content capacity of the barrel.

The product is found within the same working conditions that take place inside of the barrel (temperature conditions, pH conditions, microorganisms contact...etc.).

Environmental license

Environmental License type II2 file # 1966/06-A, license number 881.06B of the Catalan City Councils.

Real Decreto 567/2006.

Utilization: Disposal considerations

The used product must be disposed of in accordance with local prescriptions, federal regulations, community regulations, recommended by your waste company consultant company. Wasted materials should be kept away from all incompatible substances.

Utilization: Cleaning and microorganism's sterilization

Material state:	Solid, robust.
Properties:	Elastomer, elastic-adaptable.
Basic colors:	White or Brown.
Smell:	Without smell.
Recommended sterilization:	In autoclave / By boiling.
Decomposition temperature:	> 180°C.
General recommendations:	Replace the wasted materials by new ones.

Legal notice

The given information is according to our supplier's certifications.

The given information is given in good faith.

The given information is according to our present state of knowledge.



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