

/ SAFETY AND ENVIROMENT DATA SHEET

1. IDENTIFICATION OF PRODUCT AND COMPANY

1.1 Product identification	RAW PARTICLEBOARD
1.2 Recommended and relevant uses	PRODUCT FOR FURNITURE INDUSTRY
1.3 Company identification	SAIB S.p.A. Via Caorsana 5/A, 29012 Caorso (PC) Tel. +39 0523 816111 - www.saib.it
1.4 Emergency phone (dedicated to toxicological information)	CAV Centro anti veleni 02 66101029

2. DANGER IDENTIFICATION

2.1 Product classification REGULATION (CE) n.1272/2008 (CLP)	No dangerous
2.2 Label elements	ND
2.3 Other dangers	ND

3. COMPOSITION

Dried wood (mix soft and hard wood)	80 - 85 %
Dried glue content	8,5 - 10 %
Melamine paper	1%
Ammonium sulphate	0,2 - 0,4 %
Water	4 - 8%
Pentaclorophenol	Absent
Content free formaldehyde	< 3,5 mg/mg-h Norm EN 717-2
Paraffinn Wax	Tracks

4. FIRST AID

4.1 Eyes contact	Wash out abundantly with water, it could be irritant.
Skin contact	Ask an advice to a doctor.
Inhalation	No consequences.
Swallowing	Wash with an isotonic solution and move to airy zone.
4.2 Symptoms and acute or delayed effects	Drink abundantly water. No known

5. FIREPROOF MEASURES

The product is not in ammable but is combustible and it is included in European class D of fire resistant indicated by UNI EN 13501.1

5.1 Fire putting out measures	Water CO2 Etinguish powder and foams
5.2 Combustible products	In case of fire combustion products are formed such as CO, CO2, Nitrogen-containing gases with possible traces of formaldehyde
5.3 Recommendations for firefighters	Use suitable personal protective equipment

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6. MEASURES IN CASE OF DISPERSION

6.1 Personal precautions DPI in case of dispersion	Glasses, gloves and dust masks
6.2 Environmental precautions	Do not disperse in the environment
6.3 Methods and materials for containment	Be equipped workplaces, plants and machines with suitable aspiration systems
6.4 Reference other sections	No one

7. HANDLING AND STOCK

- 7.1 Handle in airy environments. Plants or machines used in the production must be equipped by aspiration system according to safety and environment norms.
- 7.2 Stock in dry, airy area, far away from heating sources.

8. INDIVIDUAL EXPOSURE/PROTECTION CHECK

Environmental limits of powders and formaldehyde	
Inhalable powder	5 mg/mc TLV - TWA - ACGIH
Breathable powder	3 mg/mc TLV - TWA - ACGIH
Formaldehyde	0,37 mg/mc TLV - STEEL/C Limite Ceiling 0,12mg/mc TLV - TWA - ACGIH
Individual protection	Glasses, gloves and dust mask

9. PHYSIC AND CHEMICAL PROPERTY

9.1 Physical stat	Solid
Colour	Beige - light brown
Smell	Of wood + urea resin
pH	Inapplicable
Specific weight	From 600 to 700 kg/mc In relation of the thickness
Flammability point	Class D D.M. 10/03/05
Calorific power	4.000 - 4.200 Kcal/Kg
Residual humidity	5 - 9 %
9.2 Other informations	No one

10. STABILITY AND REACTIVITY

The product is stable during the normal manipulation and storage conditions.
The exposure of the preparation at the humidity causes his swelling.
A long exposure at sunlight degrades the chipboard.

11. TOXICOLOGICAL INFORMATION

Ingestion	Non toxic
Skin contact	Not irritating
Eye contact	Mildly irritating
Inhalation	Irritating

Acute toxicity:

Contact with high dust concentrations may cause:

- irritative effects on the conjunctiva with in ammation, tearing and occasional visual fogging;
- irritative effects on the upper respiratory tract (phlegm, cough, hoarseness);
- sensitizing effects (rhinitis, asthma, dermatitis).

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Chronic toxicity:

Chronic irritation can produce:

- atrophy / dysplasia of the mucous membranes of the upper respiratory tract;
- chronic bronchitis with reduction of respiratory function indices;
- excess risk for adenocarcinoma of the nose in association with high levels of exposure (> 5 mg / mc weighted average of 8 working hours).

The systems used for processing the preparation must be equipped with suitable aspiration systems. Work places must be well ventilated. In work places the concentrations indicated in point 8 of the sheet (exposure control) must not be exceeded.

12. ECOLOGICAL INFORMATION

The preparation is not soluble in water, it is biodegradable and therefore presents no risk to groundwater. Avoid, however to dispose of the product in the environment.

13. DISPOSAL CONSIDERATIONS

The preparation can be reused in material recovery processes or in combustion processes, in compliance with the D.M. 5 02 1998 and s.a.a, or disposed of as waste similar to urban waste.

14. TRANSPORT INFORMATIONS

Always check that the loading is well fixed with belts on the loading at-car to safeguard the stability during transportation. The loading must be always covered to avoid water and humidity contact.

15. INFORMATIONS ON REGULATION

Regulation (CE) n. 1272/2008 (CLP) (Directive on classifications, packing and dangerous products)

Following to the above mentioned directive, the chipboard panel has not to be considered dangerous and labels are not requested.

Comply with national legislation on workplace safety and the environment

16. FURTHER INFORMATION

This document contains information according to our actual knowledge.

All the information refer only to the above described product and they don't guarantee particular qualities. User has to be sure that all information are suitable and complete about its utilization.

Peculiar features of this document don't have to be considered contract's details.

All information listed on this sheet is believed to be correct and disclosed in good faith, but no warranty explicit or implicit is provided.

TECHNICAL CONTACT:

SAIB S.p.A.

tel. +39 0523 816111

fax +39 0523 816140

www.saib.it • info@saib.it

SAIB S.p.A.

Technical direction department