

In accordance with Globally Harmonized System of Classification and Labelling of Chemicals (GHS)- Chapter 1.5 and Annex 4

SAFETY DATA SHEET

Product: SPACKLING PASTE

Revision: 02

Date: 2018/07/24

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1 - IDENTIFICATION

GHS Product identifier:	SPACKLING PASTE
Other means of identification:	018083-00
Recommended use of the chemical and restrictions on use:	Protection and decoration of external and internal surfaces.
Restrictions on use:	There are not known restrictions on use of the product.
Supplier's details:	ANJO QUIMICA DO BRASIL LTDA
Address:	Acesso Estadual Rio Maina, nº 1165, Bairro Vila Macarini, CEP: 88818-800, Criciúma - SC - Brasil
Phone number(s):	-
Emergency phone number:	CIATox/SC (Centro de Informação e Assistência Toxicológica de Santa Catarina) 08006435252

2 - HAZARD IDENTIFICATION

Classification of the substance or mixture:	Not classified as dangerous in the classification system used.
Classification system adopted:	Globally Harmonized System of Classification and Labeling of Chemicals (GHS), United Nations.
GHS label elements, including precautionary statements	
Pictograms:	Not applicable.
Signal word:	Not applicable.
Hazard statement(s):	Not applicable.
Precautionary statement(s):	Wash your hands after handling the product. During handling of the product do not drink, eat or smoke. It is recommended the use of appropriate PPE when handling the product. Get product information before handling. Store product in a suitable place. In case of emergency proceed as SDS information.
Other hazards which do not result in classification:	It is not expected that product presents specific hazards.

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3 - COMPOSITION/INFORMATION ON INGREDIENTS

MIXTURES

Components contributing to the hazard: There aren't ingredients or impurities which contribute to hazards.

4 - FIRST-AID MEASURES

Routes of exposure

Inhalation: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Inhalation effects may not be immediate. Contact immediately a TOXICOLOGICAL INFORMATION CENTER or a doctor. Bring this SDS.

Skin: Take off all contaminated clothing. Wash the skin with sufficient amount of water or take a shower. The effects caused by contact with the skin may not be immediate. Contact immediately a TOXICOLOGICAL INFORMATION CENTER or a doctor. Bring this SDS.

Eye: In case of contact of the product in pressurized form with eyes, may occur injury or frostbite. Wash the eyes with sufficient amount of water immediately, keeping the eyes opened. In case of use of contact lenses, remove them, if possible. Keep washing. Contact a doctor. Bring this SDS.

Ingestion: Not applicable

Most important symptoms/effects, acute and delayed: There are not expected effects and symptoms after exposure to the chemical.

Indication of immediate medical attention and special treatment needed, if necessary: Avoid contact with the product to help the victim. Keep victim warm and quiet. Symptomatic treatment should comprise mainly supportive measures such as correction of electrolyte disturbances, metabolic, and respiratory support. In case of skin contact do not rub the affected site.

5 - FIRE-FIGHTING MEASURES

Suitable extinguishing media: Appropriate: Compatible with foam, water mist, powder and carbon dioxide (CO₂)
Inappropriate: Water jet directly.

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Specific hazards arising from the chemical:	The combustion or the chemical containers may form toxic and irritant gases such as carbon monoxide and carbon dioxide. Do not stay near the load during the fire extinction because the product may explode. Remain at a safe distance. Very dangerous when exposed to excessive heat or other sources of ignition such as sparks, open flames or flames of matches and cigarettes, welding operations, pilot lights and electric motors. Do not subject to abrasion, shock and friction.
Special protective actions for fire-fighters:	Remove all of the site, including emergency teams, as the load may explode. Use self-contained breathing apparatus (SCBA) operated in positive pressure mode and complete protective clothing.

6 - ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

For non-emergency personnel:	Do not smoke. Avoid exposure to the product. If necessary, use personal protective equipment as described in Section 8.
For emergency responders:	Use protective equipment as described in Section 8.
Environmental precautions:	Avoid that the spilled material reaches waterways or sewage system.
Methods and materials for containment and cleaning up:	Use water mist or vapor suppressing foam to reduce the dispersion of vapors. Use natural barriers or spill containment. Collect spilled material and put it into containers. Adsorb the remaining product with dried sand, vermiculite or any other inert material. Put the adsorbed material in appropriate containers and remove them to a safe place. Use tools that do not cause sparks to collect absorbed material. For final destination, proceed pursuant to Section 13 of this SDS.

7 - HANDLING AND STORAGE

Precautions for safe handling

Safe handling of the substance or mixture:	Handle in a well ventilated area or with general system of ventilation/local exhaust. Avoid vapors and mists formation.
General hygiene:	Wash hands and face thoroughly after handling and before eating, drinking, smoking or going to the bathroom.

Conditions for safe storage, including any incompatibilities

Technical measures for prevention of fire and explosion:	It is not expected that the product presents a fire or explosion hazard. Use personal protective equipment as described in Section 8.
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Adequate conditions:	Store in a well ventilated place away from sunlight. Keep container closed. Keep away from high temperatures. Keep stored at room temperature not exceeding 35°C.
Packaging compatibilities:	Similar to the original packaging.

8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Occupational exposure limit:	Not established.
Biological limit:	Not established.
Other limits and values:	Not established.
Appropriate engineering controls:	Promote direct mechanical ventilation and exhaust system to the outside environment. These measures help reduce exposure to product.

Individual protection measures, such as personal protective equipment (PPE)

Eye/face protection:	Safety glasses.
Skin protection:	Closed shoes and suitable protective clothing. Appropriate protective gloves.
Respiratory protection:	A risk assessment should be performed for proper definition of respiratory protection, in view of the product use conditions.
Thermal hazards:	Does not present thermal hazards.

9 - PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid doughy
Color:	Not available.
Odour:	Not available.
Melting point/freezing point:	Not available.
Boiling point or initial boiling point and boiling range:	Not available.
Flammability:	Not applicable.
Lower and upper explosion limit/flammability limit:	Not available.
Flash point:	Not available.

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Auto-ignition temperature: Not available.

Decomposition temperature: Not available.

pH: 8.8 to 9.5

Kinematic viscosity: Not available.

Solubility: Miscible in water.

Partition coefficient n-octanol/water (log value): Not available.

Vapour pressure: Not available

Density and/or relative density: Not available

Relative vapour density: Not available

Particle characteristics: Not available

Other information: Absolute density: 1.65 to 1.71 g/cm³.

10 - STABILITY AND REACTIVITY

Reactivity: Reactivity is not expected under normal conditions of temperature and pressure.

Chemical stability: Product is stable under normal conditions of temperature and pressure.
Possibility of hazardous reactions: **Ammonium hydroxide:** Reacts with metals to form flammable gas and / or explosive. It reacts exothermically with sulfuric acid or other strong mineral acids. **Formaldehyde:** The product vapors may form an explosive mixture in contact with air. Dangerously reacts with hydrochloric acid, magnesium carbonate, sodium hydroxide, perchloric acid and aniline. Polymerization risk with oxidizing agents and alkalis. Potentially explosive nitromethane, nitrogen dioxide, hydrogen peroxide, nitric acid and phenol. **Sodium nitrite:** Risk of explosion on contact with strong reducing agents and combustible materials.

Conditions to avoid: Elevated temperatures. Contact with incompatible materials.

Incompatible material: Acetaldehyde, acrylic acid, chlorosulfonic acid, strong acids, strong oxidizing agents, strong base, dimethyl sulfate, halogen, heavy metals, nitromethane, concentrated oxygen and zinc.

Hazardous decomposition products: There are not known hazardous decomposition products.

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11 - TOXICOLOGICAL INFORMATION

Acute toxicity:	It is not expected that the product presents acute toxicity.
Skin corrosion/irritation:	It is not expected that the product presents skin corrosion/irritation.
Serious eye damage/irritation:	It is not expected that the product causes eye irritation.
Respiratory or skin sensitization:	It is not expected that the product causes respiratory or skin sensitization.
Germ cell mutagenicity:	It is not expected that the product presents germ cell mutagenicity.
Carcinogenicity:	It is not expected that the product presents carcinogenicity.
Reproductive toxicity:	It is not expected that the product presents reproductive toxicity.
STOT - Single exposure:	It is not expected that the product presents specific target organ toxicity by single exposure.
STOT - Repeated exposure:	It is expected that the product presents toxicity specific target organ toxicity by repeated exposure.
Aspiration Hazard:	It is not expected that the product presents aspiration hazard.

12 - ECOLOGICAL INFORMATION

Toxicity:	It is not expected that the product presents ecotoxicity.
Persistence and degradability:	Due to the lack of data, it is expected that the product presents persistence and it is not considered readily biodegradable.
Bioaccumulative potential:	It is not expected that the product presents bioacumulative potential in aquatic organisms.
Mobility in soil:	Not determined.
Other adverse effects:	There are not known other environmental effects for this product.

13 - DISPOSAL CONSIDERATIONS

Disposal methods

Must be disposed of as hazardous waste in compliance with local regulations. The treatment and disposal should be evaluated for each specific product. Keep the product remains in its original and properly closed containers. Disposal should be performed as established for the product.

14 - TRANSPORT INFORMATION

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Road:	<i>UN - "United Nations" Recommendations on the TRANSPORT OF DANGEROUS GOODS. Model Regulations</i>
Rail:	<i>Convention concerning International Carriage by Rail (COTIF) Appendix C - Regulations concerning the International Carriage of Dangerous Goods by Rail - RID</i>
Sea:	<i>IMO - International Maritime Organization International Maritime Dangerous Goods Code (IMDG Code)</i>
Air:	<i>IATA - International Air Transport Association Dangerous Goods Regulation (DGR)</i>
UN number:	Not classified as hazardous to transport in different modals.
Special precautions for user:	There is no need of special precautions.
Transport in bulk according to MARPOL 73/78, Annex II, and the IBC Code:	Consult regulations: - International Maritime Organization. MARPOL: Articles, protocols, annexes, unified interpretations of the International Convention for the Prevention of Pollution from Ships, 1973, as modified by the Protocol of 1978 relating thereto, consolidated edition. IMO, London, 2006. - International Maritime Organization. IBC code: International code for the construction and equipment of shipping carrying dangerous chemicals in bulk: With Standards and guidelines relevant to the code. IMO, London, 2007.

15 - REGULATORY INFORMATION

Convention concerning Safety in the use of Chemicals at Work (Convention 170) - International Labour Organization, 1990;
International Organization for Standardization - ISO 11014:2009.

16 - OTHER INFORMATION

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This SDS was prepared based on current knowledge about the proper product handling and under normal conditions of use, in accordance with the application specified on the packaging. Any other use of the product involving their combination with other materials, and use various forms of those indicated, are the responsibility of the user. Warns that the handling of any chemical substance requires the prior knowledge of its hazards for the user. In the workplace it is for the user company's product promotes training of its collaborators about the possible risks arising from exposure to the chemical.

SDS elaborated in May 2018.

Change control:

Version	Publication Date	Changes
02	2018/05/24	New SDS layout

Abbreviations:

ACGIH - *American Conference of Governmental Industrial Hygienists*

CAS - *Chemical Abstracts Service*

TLV - *Threshold Limit Value*

TWA - *Time Weighted Average*

Bibliographic references:

Globally Harmonized System of Classification and Labelling of Chemicals (GHS). 6. rev. ed. New York: United Nations, 2015.