

R208
MA - 6520

1 IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

- 1.1 Product identifier:** R208
MA - 6520
- 1.2 Relevant identified uses of the substance or mixture and uses advised against:**
Adhesive. For professional use only.
- 1.3 Details of the supplier of the safety data sheet:** Laboratorios Rayt, SA
Carrer Garriga 188-200
08912 Badalona - Barcelona - España
Phone.: 934607820 - Fax: 933836356
info@rayt.com
www.rayt.com
- 1.4 Emergency telephone number:** +34 93 460 71 52 (8:00-13:00 ; 15:00-18:00)

2 HAZARDS IDENTIFICATION

- 2.1 Classification:**
Directive 67/548/EC and Directive 1999/45/EC:
In accordance with Directive 67/548/EC and Directive 1999/45/EC, the product is not classified as dangerous.
- 2.2 Label elements:**
Directive 67/548/EC and Directive 1999/45/EC:
In accordance with the legislation, the elements on the label are as follows:
Not classified as dangerous. Safety data sheet available to professional users that request it.
- 2.3 Other hazards:**
Hot material may cause burns. Hot application hazards vary considerably to room temperature application hazards. The risk management measures of both situations are outlined in the material safety data sheet.

3 COMPOSITION/INFORMATION ON INGREDIENTS

- Chemical description:** Mixture composed of organic substances
- Components:**
None of the substances contained in the mixture are above the values fixed in Annex II of Regulation (EC) n°1907/2006

4 FIRST AID MEASURES

- 4.1 Description of first aid measures:**
Consult a doctor in case of discomfort with this Security Data Sheet.
- By inhalation:**
Vapors from heated material may cause irritation of the respiratory system. Symptoms may include cough, headache or throat pain
In case of symptoms, move the person affected into fresh air.
- By skin contact:**
In case of contact it is recommended to clean the affected area thoroughly with water and neutral soap. In case of modifications on the skin (stinging, redness, rashes, blisters,...), seek medical advice with this Security Data Sheet
If the product is hot, cool immediately with cold water, do not try removing it and seek medical advice.
- By eye contact:**
Rinse with water until the product has been eliminated. In case of problems, consult a doctor with the MSDS of this product.
Hot: Vapors can cause eye irritation. Symptoms may include redness, swelling, pain and blurred vision. In case of burns, flush eyes with large amounts of water, DO NOT ATTEMPT TO REMOVE solidified material. Seek medical assistance.
- By consumption:**
In case of consumption in large quantities, it is recommended to seek medical assistance.
- 4.2 Most important symptoms and effects, both acute and delayed:**
No symptoms or delayed effects.

- CONTINUED ON NEXT PAGE -

**R208
MA - 6520**

4 FIRST AID MEASURES (continue)

4.3 Indication of any immediate medical attention and special treatment needed:

Non-applicable

5 FIREFIGHTING MEASURES

5.1 Extinguishing media:

Product not inflammable, low risk of fire by the inflammability characteristics of the product in normal conditions of storage, manipulation and use. In the case of the existence of sustained combustion as a result of improper manipulation, storage or use any type of extinguishing agent can be used (ABC Powder, water,...)

5.2 Special hazards arising from the substance or mixture:

Due to its inflammable nature, the product does not present a fire risk under normal conditions of storage, manipulation and use.

5.3 Advice for firefighters:

Have available a minimum of emergency facilities or equipment (fire blankets, portable first aid kit,...) in accordance with Directive 89/654/EC.

Additional provisions:

Act in accordance with the Internal Emergency Plan and the Information Sheets on actions to take after an accident or other emergencies.

6 ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures:

Hot application: increase ventilation, eliminate all sources of ignition and allow the product to cool.

Isolate leaks provided that there is no additional risk for the people performing this task.

6.2 Environmental precautions:

Product not classified as dangerous for the environment. It is not necessary to take special measures to contain the product.

6.3 Methods and material for containment and cleaning up:

If molten, allow to solidify

It is recommended:

Sweep up and shovel product or other means and place in container for reuse (preferred) or disposal

6.4 Reference to other sections:

See sections 8 and 13.

7 HANDLING AND STORAGE

7.1 Precautions for safe handling:

A.- Precautions for safe manipulation

Comply with the current legislation concerning the prevention of industrial risks with regards manually handling weights. Maintain order, cleanliness and destroy using safe methods (epigraph 6).

B.- Technical recommendations for the prevention of fires and explosions

It is recommended to transfer at a slow speed to avoid the creation of electrostatic charges that could affect inflammable products. Consult epigraph 10 for conditions and materials that should be avoided.

C.- Technical recommendations to prevent ergonomic and toxicological risks

Do not eat or drink during the process, washing hands afterwards with suitable cleaning products.

D.- Technical recommendations to prevent environmental risks

It is not necessary to take special measures to prevent environmental risks. For more information see epigraph 6.2

7.2 Conditions for safe storage, including any incompatibilities:

A.- Technical measures for storage

Minimum Temp.: 5 °C

Maximum Temp.: 30 °C

- CONTINUED ON NEXT PAGE -

R208
MA - 6520

7 HANDLING AND STORAGE (continue)

Maximum time: 12 Months

B.- General conditions for storage

Avoid sources of heat, radiation, static electricity and contact with food

7.3 Specific end use(s):

Follow the recommended application temperature in the provided technical documentation.

Except for the instructions already specified it is not necessary to provide any special recommendation regarding the uses of this product.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters:

Substances whose occupational exposure limits have to be monitored in the work environment

There are no environmental limits for the substances contained in the mixture

8.2 Exposure controls:

A.- General security and hygiene measures in the work place



A ventilation system is recommended for hot application.

As a preventative measure it is recommended to use basic individual protection equipment, with the corresponding "CE marking" in accordance with Directive 89/686/EC. For more information on individual protection equipment (storage, use, cleaning, maintenance, class of protection,...) consult the information leaflet provided by the manufacturer. For more information see epigraph 7.1.

B.- Respiratory protection



The use of protection equipment will be necessary if a mist forms or if the professional exposure limits are exceeded.

C.- Specific protection for the hands



LRP Pictogram	IPE	Labelling	CEN Standard	Remarks
 Mandatory hand protection	Chemical protective gloves		EN 374-1:2003 EN 374-3:2003/AC:2006 EN 420:2003+A1:2009	Chemical protective gloves

Hot: gloves to prevent burns must be resistant to the recommended application temperatures

D.- Ocular and facial protection

LRP Pictogram	IPE	Labelling	CEN Standard	Remarks
 Mandatory face protection	Panoramic glasses against liquid splash		EN 166:2001 EN 172:1994/A1:2000 EN 172:1994/A2:2001 EN 165:2005	Panoramic glasses against liquid splash

E.- Bodily protection

LRP Pictogram	IPE	Labelling	CEN Standard	Remarks
	Work clothing		EN 340:2003	Work clothing
	Anti-slip work shoes		EN ISO 20347:2004/A1:2007 EN ISO 20344:2011	Anti-slip work shoes

F.- Additional emergency measures

It is not necessary to take additional emergency measures.

Environmental exposure controls:

- CONTINUED ON NEXT PAGE -

R208
MA - 6520

8 EXPOSURE CONTROLS/PERSONAL PROTECTION (continue)

This product does not contain substances dangerous to the environment, although it is recommended not to spill it. For additional information see epigraph 7.1.D

Volatil organic compounds:

With regard to Directive 1999/13/EC, this product has the following characteristics:

V.O.C. (Supply):	0 % weight
V.O.C. density at 25 °C:	Non-applicable
Average carbon number:	Non-applicable
Average molecular weight:	Non-applicable

9 PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties:

For complete information see the product datasheet.

Apperance:

Physical state at 20 °C:	Solid
Apperance:	Granulated
Color:	Ivory
Odor:	Characteristic

Volatility:

Boiling point at atmospheric pressure:	Non-applicable *
Vapour pressure at 25 °C:	Non-applicable *
Vapour pressure at 50 °C:	Non-applicable *
Evaporation rate at 25 °C:	Non-applicable *

Product description:

Density at 25 °C:	1393 kg/m ³
Relative density at 25 °C:	1,393
Dynamic viscosity at 25 °C:	Non-applicable *
Kinematic viscosity at 25 °C:	Non-applicable *
Kinematic viscosity at 40 °C:	Non-applicable *
Concentration:	Non-applicable *
pH:	Non-applicable *
Vapour density at 25 °C:	Non-applicable *
Partition coefficient n-octanol/water 25 °C:	Non-applicable *
Solubility in water at 25 °C:	Non-applicable *
Solubility property:	Non-applicable *
Decomposition temperature:	Non-applicable *

Flammability:

Flash Point:	Non Flammable
Autoignition temperature:	Non-applicable *
Lower flammability limit:	Non-applicable *
Upper flammability limit:	Non-applicable *

9.2 Other information:

Surface tension at 25 °C:	Non-applicable *
Refraction index:	Non-applicable *

*Not relevant due to the nature of the product, not providing information property of its dangerousness.

- CONTINUED ON NEXT PAGE -

R208
MA - 6520

10 STABILITY AND REACTIVITY

10.1 Reactivity:

No hazardous reactions are expected if the following technical instructions storage of chemicals. See section 7.

10.2 Chemical stability:

Chemically stable under the conditions of storage, handling and use.

10.3 Possibility of hazardous reactions:

Under the conditions no hazardous reactions are expected to produce a pressure or excessive temperatures.

10.4 Conditions to avoid:

Applicable for handling and storage at room temperature:

Shock and friction	Contact with air	Increase in temperature	Sunlight	Humidity
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

Hot application: avoid temperatures and storage areas exceeding the recommended temperatures (see technical documentation).
Avoid product contact with water during use, as it may cause serious problems.

10.5 Incompatible materials:

Acids	Water	Combustive materials	Combustible materials	Others
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

10.6 Hazardous decomposition products:

See epigraph 10.3, 10.4 and 10.5 to find out the specific decomposition products. Depending on the decomposition conditions, complex mixtures of chemical substances can be released: carbon dioxide (CO₂), carbon monoxide and other organic compounds.

11 TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects:

LD50 oral > 2000 mg/kg (rat)

Dangerous health implications:

In case of exposure that is repetitive, prolonged or at concentrations higher than recommended by the occupational exposure limits, it may result in adverse effects on health depending on the means of exposure:

A.- Ingestion:

This product is composed of substances classified as not dangerous according to current information.

B- Inhalation:

This product is composed of substances classified as not dangerous according to current information.

C- Contact with the skin and the eyes:

This product is composed of substances classified as not dangerous according to current information.

D- CMR effects (carcinogenicity, mutagenicity and toxicity to reproduction):

This product is composed of substances classified as not dangerous according to current information.

E- Sensitizing effects:

This product is composed of substances classified as not dangerous according to current information.

F- Specific target organ toxicity (STOT)-time exposure:

This product is composed of substances classified as not dangerous according to current information.

G- Specific target organ toxicity (STOT)-repeated exposure:

This product is composed of substances classified as not dangerous according to current information.

H- Aspiration hazard:

This product is composed of substances classified as not dangerous according to current information.

Specific toxicology information on the substances:

Not available

12 ECOLOGICAL INFORMATION

- CONTINUED ON NEXT PAGE -

**R208
MA - 6520**

12 ECOLOGICAL INFORMATION (continue)

The experimental information related to the ecotoxicological properties of the mixture itself is not available

12.1 Toxicity:

Not available

12.2 Persistence and degradability:

Not available

12.3 Bioaccumulative potential:

Not available

12.4 Mobility in soil:

Not available

12.5 Results of PBT and vPvB assessment:

Non-applicable

12.6 Other adverse effects:

Not described

13 DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods:

Code	Description	Waste class (Directive 2008/98/EC)
08 04 10	Waste adhesives and sealants other than those mentioned in 08 04 09	Non dangerous

Waste management (disposal and evaluation):

Consult the authorized waste service manager on the assessment and disposal operations in accordance with Annex 1 and Annex 2 (Directive 2008/98/EC)

Regulations related to waste management:

In accordance with Annex II of Regulation (EC) n°1907/2006 (REACH) the community or state provisions related to waste management are stated

Community legislation: Directive 2008/98/EC, 2000/532/EC: Commission Decision of 3 May 2000

14 TRANSPORT INFORMATION

This product is not regulated for transport (ADR/RID,IMDG,IATA)

15 REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture:

Candidate substances for authorisation under the (CE) 1907/2006 (REACH) regulation: Non-applicable

(CE) 2037/2000 Regulation, about substances that deplete the ozone layer: Non-applicable

Active substances for which a decision of non-inclusion onto Annex I or IA of Directive 98/8/EC Non-applicable

(CE) 689/2008 Regulation, in relation to the import and export of hazardous chemical products: Non-applicable

Limitations to commercialisation and the use of certain dangerous substances and mixtures (Annex XVII, REACH):

Non-applicable

Specific provisions in terms of protecting people or the environment:

It is recommended to use the information included in this safety data sheet as data used in a risk evaluation of the local circumstances in order to establish the necessary risk prevention measures for the manipulation, use, storage and disposal of this product.

Other legislation:

Non-applicable

15.2 Chemical safety assessment:

The supplier has not carried out evaluation of chemical safety.

- CONTINUED ON NEXT PAGE -

16 OTHER INFORMATION

Legislation related to safety data sheets:

This safety data sheet has been designed in accordance with ANNEX II-Guide to the compilation of safety data sheets of Regulation (EC) N° 1907/2006

Text of R-phrases considered in epigraph 3:

Directive 67/548/EC and Directive 1999/45/EC:

Non-applicable

CLP Regulation (EC) n° 1272/2008.

Non-applicable

Advice related to training:

Minimal training is recommended to prevent industrial risks for staff using this product, in order to facilitate their comprehension and interpretation of this safety data sheet, as well as the label on the product.

Principal bibliographical sources:

<http://ecb.jrc.ec.europa.eu/esis>

<http://echa.europa.eu>

<http://eur-lex.europa.eu>

The information contained in this security data sheet is based on sources, technical knowledge and current legislation at European and state level, without being able to guarantee its accuracy. This information cannot be considered a guarantee of the properties of the product, it is simply a description of the security requirements. The occupational methodology and conditions for users of this product are not within our awareness or control, and it is ultimately the responsibility of the user to take the necessary measures to obtain the legal requirements concerning the manipulation, storage, use and disposal of chemical products. The information on this security data sheet only refers to this product, which should not be used for needs other than those specified.

- END OF SAFETY DATA SHEET -