



**CA211 - CONTACT CEMENT PVC + MDF PANEL**



**SECTION 1: IDENTIFICATION**

- 1.1 Product identifier:** CA211 - CONTACT CEMENT PVC + MDF PANEL  
**Other means of identification:**  
Non-applicable
- 1.2 Recommended use of the chemical and restrictions on use:**  
Relevant uses (Consumer use): Solvent for coatings  
Relevant uses (Professional users): Solvent for coatings  
Relevant uses (Industrial user): Solvent for coatings  
Uses advised against: All uses not specified in this section or in section 7.3
- 1.3 Name, U.S. address, and U.S. telephone number of the chemical manufacturer, importer, or other responsible party:**  
Lanco Manufacturing Corp.  
Urb. Aponte #5  
00754 San Lorenzo - Puerto Rico - Estados Unidos  
Phone: +1-787-736-4221 - Fax: +1-787-736-5313  
info@lancopaints.com  
http://www.lancopaints.com
- 1.4 Emergency phone number:** CHEMTREC (US Transportation) +1-800-424-9300 | CHEMTREC (International Transportation) +1-703-527-3887

**SECTION 2: HAZARD(S) IDENTIFICATION**

- 2.1 Classification of the substance or mixture:**  
**29 CFR 1910.1200:**  
Classification of the chemical in accordance with paragraph (d)(1)(i) of §1910.1200  
Eye Irrit. 2A: Eye irritation, Category 2A, H319  
Flam. Liq. 2: Flammable liquids, Category 2, H225  
Repr. 2: Reproductive toxicity, Category 2, H361  
Skin Irrit. 2: Skin irritation, Category 2, H315  
STOT RE 1: Specific target organ toxicity, repeated exposure, Category 1, H372  
STOT SE 3: Specific toxicity causing drowsiness and dizziness, single exposure, Category 3, H336
- 2.2 Label elements:**  
**29 CFR 1910.1200:**  
Danger
- 
- Hazard statements:**  
H225 - Highly flammable liquid and vapour.  
H315 - Causes skin irritation.  
H319 - Causes serious eye irritation.  
H336 - May cause drowsiness or dizziness.  
H361 - Suspected of damaging fertility or the unborn child.  
H372 - Causes damage to organs through prolonged or repeated exposure.
- Precautionary statements:**  
P101: If medical advice is needed, have product container or label at hand.  
P102: Keep out of reach of children.  
P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P264: Wash thoroughly after use.  
P280: Wear protective gloves/face protection/protective clothing/respiratory protection/protective footwear.  
P303+P361+P353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.  
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P501: Dispose of the contents/containers according to the local, state and federal regulations.
- Substances that contribute to the classification**  
n-hexane; Toluene; acetone

- CONTINUED ON NEXT PAGE -



**CA211 - CONTACT CEMENT PVC + MDF PANEL**



**SECTION 2: HAZARD(S) IDENTIFICATION (continued)**

**Additional labeling:**



**WARNING**

Federal Hazardous Substances Act (FHSA) >> Chronic toxicity (Reproductive Toxicants)

May damage fertility or the unborn child. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep out of reach of children. Store locked up.

**FIRST AID TREATMENT**

IF exposed or concerned: Get medical advice/attention.

Contains : n-hexane; Toluene; acetone.

This product can expose you to chemicals including n-hexane; Toluene, which is [are] known to the State of California to cause birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

Federal Hazardous Substances Act (FHSA) >> Irritant (Eyes)

May irritate eyes. Do not get in eyes. Keep out of reach of children.

**FIRST AID TREATMENT**

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do and continue rinsing. If eye irritation persists: Get medical advice/attention.

Contains : n-hexane; Toluene; acetone.

Federal Hazardous Substances Act (FHSA) >> Flammable

Flammable. Vapors May Cause Flash Fire. Prevent buildup of vapors—open all windows and doors—use only with cross-ventilation. Keep away from heat, sparks, and open flame. Do not smoke, extinguish all flames and pilot lights, and turn off stoves, heaters, electric motors, and other sources of ignition during use and until all vapors are gone. Close container after use. Keep out of the reach of children.

**2.3 Hazards not otherwise classified (HNOC):**

Non-applicable

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

**3.1 Substances:**

Non-applicable

**3.2 Mixtures:**

**Chemical description:** Solvent/s

**Components:**

Remaining components are non-hazardous and/or present at amounts below reportable limits. The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret in accordance with paragraph (i) of §1910.1200. Therefore, in accordance with Appendix D to § 1910.1200, the product contains:

Identification	Chemical name/Classification	Concentration
CAS: 110-54-3	<b>n-hexane</b> Asp. Tox. 1: H304; Flam. Liq. 2: H225; Repr. 2: H361; Skin Irrit. 2: H315; STOT RE 1: H372; STOT SE 3: H336 - Danger	25 - <50%
CAS: 108-88-3	<b>Toluene</b> Asp. Tox. 1: H304; Flam. Liq. 2: H225; Repr. 2: H361; Skin Irrit. 2: H315; STOT RE 2: H373; STOT SE 3: H336 - Danger	10 - <25%
CAS: 67-64-1	<b>acetone</b> Eye Irrit. 2A: H319; Flam. Liq. 2: H225; STOT SE 3: H336 - Danger	10 - <25%
CAS: 9010-98-4	<b>Polychloroprene</b> Comb. Dust: CD	10 - <25%
CAS: Non-applicable	<b>Phenolic Resin</b>	2.5 - <10%
CAS: 1309-48-4	<b>Magnesium oxide</b>	<1%

To obtain more information on the hazards of the substances consult sections 11, 12 and 16.

**SECTION 4: FIRST-AID MEASURES**

**4.1 Description of necessary measures:**

- CONTINUED ON NEXT PAGE -



#### SECTION 4: FIRST-AID MEASURES (continued)

The symptoms resulting from intoxication can appear after exposure, therefore, in case of doubt, seek medical attention for direct exposure to the chemical product or persistent discomfort, showing the SDS of this product.

**By inhalation:**

Remove the person affected from the area of exposure, provide with fresh air and keep at rest. In serious cases such as cardiorespiratory failure, artificial resuscitation techniques will be necessary (mouth to mouth resuscitation, cardiac massage, oxygen supply, etc.) requiring immediate medical assistance.

**By skin contact:**

Remove contaminated clothing and footwear, rinse skin or shower the person affected if appropriate with plenty of cold water and neutral soap. In serious cases see a doctor. If the product causes burns or freezing, clothing should not be removed as this could worsen the injury caused if it is stuck to the skin. If blisters form on the skin, these should never be burst as this will increase the risk of infection.

**By eye contact:**

Rinse eyes thoroughly with lukewarm water for at least 15 minutes. Do not allow the person affected to rub or close their eyes. If the injured person uses contact lenses, these should be removed unless they are stuck to the eyes, as this could cause further damage. In all cases, after cleaning, a doctor should be consulted as quickly as possible with the SDS of the product.

**By ingestion/aspiration:**

Do not induce vomiting, but if it does happen keep the head down to avoid aspiration. Keep the person affected at rest. Rinse out the mouth and throat, as they may have been affected during ingestion.

**4.2 Most important symptoms/effects, acute and delayed:**

Acute and delayed effects are indicated in sections 2 and 11.

**4.3 Indication of immediate medical attention and special treatment needed, if necessary:**

Non-applicable

#### SECTION 5: FIRE-FIGHTING MEASURES

**5.1 Suitable (and unsuitable) extinguishing media:**

**Suitable extinguishing media:**

Foam extinguisher (AB), Dry Chemical Powder (ABC) Fire Extinguisher, Carbon dioxide extinguisher (BC)

**Unsuitable extinguishing media:**

Water jet

**5.2 Specific hazards arising from the chemical:**

As a result of combustion or thermal decomposition reactive sub-products are created that can become highly toxic and, consequently, can present a serious health risk.

**5.3 Special protective equipment and precautions for fire-fighters:**

Depending on the magnitude of the fire it may be necessary to use full protective clothing and Self Contained Breathing Apparatus. Minimum emergency facilities and equipment should be available (fire blankets, portable first aid kit,...)

**Additional provisions:**

As in any fire, prevent human exposure to fire, smoke, fumes or products of combustion. Only properly trained personnel should be involved in firefighting. Evacuate nonessential personnel from the fire area. Destroy any source of ignition. In case of fire, refrigerate the storage containers and tanks for products susceptible to inflammation. Avoid spillage of the products used to extinguish the fire into an aqueous medium.

#### SECTION 6: ACCIDENTAL RELEASE MEASURES

**6.1 Personal precautions, protective equipment and emergency procedures:**

**For non-emergency personnel:**

Isolate leaks provided that there is no additional risk for the people performing this task. Evacuate the area and keep out those without protection. Personal protection equipment must be used against potential contact with the spilt product (See section 8). Above all prevent the formation of any vapour-air flammable mixtures, through either ventilation or the use of an inert medium. Remove any source of ignition. Eliminate electrostatic charges by interconnecting all the conductive surfaces on which static electricity could form, and also ensuring that all surfaces are connected to the ground.

**For emergency responders:**

Wear protective equipment. Keep unprotected persons away. See section 8.

**6.2 Environmental precautions:**

- CONTINUED ON NEXT PAGE -



**CA211 - CONTACT CEMENT PVC + MDF PANEL**



**SECTION 6: ACCIDENTAL RELEASE MEASURES (continued)**

This product is not classified as hazardous to the environment. Keep product away from drains, surface and underground water.

**6.3 Methods and materials for containment and cleaning up:**

For accidental releases in excess of reportable quantities (RQ) (Table 302.4), refer to 40 CFR 302 for detailed instructions concerning reporting requirements and notify the National Response Center (800) 424-8802.

Prevent the entrance of product in drains, sewers or watercourses. Absorb the spill using sand or inert absorbent and move it to a safe place. Do not absorb in sawdust or other combustible absorbents. Collect the product in appropriate containers and manage it according to current legislation.

Spillages in water or sea:

Small spillages:

Contain spillage using barriers or similar equipment. Use suitable absorbents for collection and treat the waste in accordance with current regulations.

Large spillages:

If possible, contain spillage in open water using barriers or similar equipment. If this is not possible, try to control its spread and collect the product with suitable mechanical means. Always consult experts before using dispersants and make sure you have the necessary approvals if they are to be used. Treat the waste according to current regulations.

**6.4 Reference to other sections:**

See sections 8 and 13.

**SECTION 7: HANDLING AND STORAGE**

**7.1 Precautions for safe handling:**

A.- General precautions for safe use

Comply with the current standards 29 CFR 1910 Occupational Safety and Health Standards. Keep containers hermetically sealed. Control spills and residues, destroying them with safe methods (section 6). Avoid leakages from the container. Maintain order and cleanliness where dangerous products are used.

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

Because the product is a flammable liquid, storage should meet the requirement of 29 CFR 1910.106, Flammable and Combustible Liquids Code. Transfer in well ventilated areas, preferably through localized extraction. Fully control sources of ignition (mobile phones, sparks,...) and ventilate during cleaning operations. Avoid the existence of dangerous atmospheres inside containers, applying inertization systems where possible. Transfer at a slow speed to avoid the creation of electrostatic charges. Against the possibility of electrostatic charges: ensure a perfect equipotential connection, always use groundings, do not wear work clothes made of acrylic fibres, preferably wearing cotton clothing and conductive footwear. Comply with the essential security requirements for equipment and systems and with the minimum requirements for protecting the security and health of workers. Consult section 10 for conditions and materials that should be avoided.

C.- Technical recommendations on general occupational hygiene

PREGNANT WOMEN SHOULD NOT BE EXPOSED TO THIS PRODUCT. Transfer in fixed places that comply with the necessary security conditions (emergency showers and eyewash stations in close proximity), using personal protection equipment, especially on the hands and face (See section 8). Limit manual transfers to containers of small amounts. Do not eat or drink during the process, washing hands afterwards with suitable cleaning products.

D.- Technical recommendations to prevent environmental risks

It is recommended to have absorbent material available at close proximity to the product (See subsection 6.3)

**7.2 Conditions for safe storage, including any incompatibilities:**

A.- Specific storage requirements

Minimum Temp.:	45 °F
Maximum Temp.:	100 °F
Maximum time:	12 Months
NFPA 30:	IA

B.- General conditions for storage

Avoid sources of heat, radiation, static electricity and contact with food. For additional information see subsection 10.5

**7.3 Specific end use(s):**

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

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

- CONTINUED ON NEXT PAGE -



**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)**

**8.1 Control parameters:**

Substances whose occupational exposure limits have to be assessed in the workplace:

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000):

Identification	Occupational exposure limits		
	n-hexane CAS: 110-54-3	8-hour TWA PEL	500 ppm
	Ceiling Values - TWA PEL		
Toluene <sup>(1)</sup> CAS: 108-88-3	8-hour TWA PEL	200 ppm	300 mg/m <sup>3</sup>
	Ceiling Values - TWA PEL		
acetone CAS: 67-64-1	8-hour TWA PEL	1000 ppm	2400 mg/m <sup>3</sup>
	Ceiling Values - TWA PEL		
Magnesium oxide CAS: 1309-48-4	8-hour TWA PEL		15 mg/m <sup>3</sup>
	Ceiling Values - TWA PEL		

US. ACGIH Threshold Limit Values (2022):

Identification	Occupational exposure limits		
	n-hexane CAS: 110-54-3	TLV-TWA	20 ppm
	TLV-STEL		
Toluene <sup>(1)</sup> CAS: 108-88-3	TLV-TWA	20 ppm	
	TLV-STEL		
acetone CAS: 67-64-1	TLV-TWA	250 ppm	
	TLV-STEL	500 ppm	
Magnesium oxide CAS: 1309-48-4	TLV-TWA		10 mg/m <sup>3</sup>
	TLV-STEL		

CALIFORNIA- TABLE AC-1 PERMISSIBLE EXPOSURE LIMITS FOR CHEMICAL CONTAMINANTS:

Identification	Occupational exposure limits		
	n-hexane CAS: 110-54-3	PEL	50 ppm
	STEL		
Toluene <sup>(1)</sup> CAS: 108-88-3	PEL	10 ppm	37 mg/m <sup>3</sup>
	STEL	150 ppm	560 mg/m <sup>3</sup>
acetone CAS: 67-64-1	PEL	500 ppm	1200 mg/m <sup>3</sup>
	STEL	750 ppm	1780 mg/m <sup>3</sup>
Magnesium oxide CAS: 1309-48-4	PEL		10 mg/m <sup>3</sup>
	STEL		

NIOSH: Immediately Dangerous To Life or Health (IDLH) Values:

Identification	Occupational exposure limits		
	n-hexane CAS: 110-54-3	TWA	
	IDLH Value	1100 ppm	
Toluene <sup>(1)</sup> CAS: 108-88-3	TWA		
	IDLH Value	500 ppm	
acetone CAS: 67-64-1	TWA		
	IDLH Value	2500 ppm	
Magnesium oxide CAS: 1309-48-4	TWA		
	IDLH Value		750 mg/m <sup>3</sup>

<sup>(1)</sup> Skin

**Biological limit values:**

Biological Exposure Indices (BEIs®) - ACGIH

Identification	BEIs®	Determinant	Sampling Time
n-hexane CAS: 110-54-3	0.5 mg/L	2,5-Hexanedione in urine	End of shift
Toluene CAS: 108-88-3	0.02 mg/L	Toluene in blood	Prior to last shift of workweek
acetone CAS: 67-64-1	25 mg/L	Acetone in urine	End of shift

**8.2 Appropriate engineering controls:**

A.- Individual protection measures, such as personal protective equipment

- CONTINUED ON NEXT PAGE -



**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)**

Always provide effective general and, when necessary, local exhaust ventilation to maintain the ambient workplace atmosphere below the exposure limits.. For more information on Personal Protection Equipment (storage, use, cleaning, maintenance, class of protection,...) consult the information leaflet provided by the manufacturer. For additional information see subsection 7.1. All information contained herein is a recommendation, the information on clothing performance must be combined with professional judgment, and a clear understanding of the clothing application, to provide the best protection to the worker. All chemical protective clothing use must be based on a hazard assessment to determine the risks for exposure to chemicals and other hazards. Conduct hazard assessments in accordance with 29 CFR 1910.132.

**B.- Respiratory protection**

Pictogram	PPE	Remarks
 Mandatory respiratory tract protection	Filter mask for gases and vapours (Filter type: A)	Replace when there is a taste or smell of the contaminant inside the face mask. If the contaminant comes with warnings it is recommended to use isolation equipment. Use respirator in accordance with manufacturer's use limitations and OSHA standard 1910.134 (29CFR)

**C.- Specific protection for the hands**

Pictogram	PPE	Remarks
 Mandatory hand protection	Chemical protective gloves (Material: Linear low-density polyethylene (LLDPE), Breakthrough time: > 480 min, Thickness: 0.062 mm)	The Breakthrough Time indicated by the manufacturer must exceed the period during which the product is being used. Do not use protective creams after the product has come into contact with skin. Use gloves in accordance with manufacturer's use limitations and OSHA standard 1910.138 (29CFR)

As the product is a mixture of several substances, the resistance of the glove material can not be calculated in advance with total reliability and has therefore to be checked prior to the application.

**D.- Eye and face protection**

Pictogram	PPE	Remarks
 Mandatory face protection	Face shield	Clean daily and disinfect periodically according to the manufacturer's instructions. Use if there is a risk of splashing. Use this PPE in accordance with manufacturer's use limitations and OSHA standard 1910.133 (29CFR)

**E.- Bodily protection**

Pictogram	PPE	Remarks
 Mandatory complete body protection	Disposable clothing for protection against chemical risks, with antistatic and fireproof properties	For professional use only. Clean periodically according to the manufacturer's instructions.
 Mandatory foot protection	Safety footwear for protection against chemical risk, with antistatic and heat resistant properties	Replace boots at any sign of deterioration.

**F.- Additional emergency measures**

It is advised to implement additional emergency equipments in workplaces that are particularly exposed to the product or in situations where risk assessments highlight the necessity of such equipments.

Emergency measure	Standards	Emergency measure	Standards
 Emergency shower	ANSI Z358-1 ISO 3864-1:2011, ISO 3864-4:2011	 Eyewash stations	DIN 12 899 ISO 3864-1:2011, ISO 3864-4:2011

**Environmental exposure controls:**

To comply with environmental protection regulations, it is recommended to prevent any spillage of the product and its container. For more detailed information, please refer to subsection 7.1.D.

**40 CFR Part 59 (VOC):**

V.O.C.(weight-percent):	63.5 % weight
V.O.C. at 68 °F:	629 kg/m <sup>3</sup> (629 g/L)

- CONTINUED ON NEXT PAGE -



SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

**California Air Resources Board (CARB) - VOC Regulatory:**

V.O.C.(weight-percent):	63.5 % weight
V.O.C. at 68 °F:	615.92 kg/m <sup>3</sup> (615.92 g/L)

**South Coast Air Quality Management District (AQMD) - VOC Regulatory:**

V.O.C.(weight-percent):	63.5 % weight
V.O.C. at 68 °F:	615.92 kg/m <sup>3</sup> (615.92 g/L)

**Ozone Transport Commission (OTC) Rules - VOC Regulatory:**

V.O.C.(weight-percent):	63.5 % weight
V.O.C. at 68 °F:	615.92 kg/m <sup>3</sup> (615.92 g/L)

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

**9.1 Information on basic physical and chemical properties:**

For complete information see the product datasheet.

**Appearance:**

Physical state at 68 °F:	Liquid
Appearance:	Viscous
Color:	Non-applicable *
Odor:	Solvent

**Volatility:**

Boiling point at atmospheric pressure:	161 °F
Vapour pressure at 68 °F:	15798 Pa
Vapour pressure at 122 °F:	53597.08 Pa (53.6 kPa)
Evaporation rate at 68 °F:	Non-applicable *

**Product description:**

Density at 68 °F:	775.9 kg/m <sup>3</sup>
Relative density at 68 °F:	0.776
Dynamic viscosity at 68 °F:	Non-applicable *
Kinematic viscosity at 68 °F:	Non-applicable *
Kinematic viscosity at 104 °F:	>20.5 mm <sup>2</sup> /s
Concentration:	Non-applicable *
pH:	Non-applicable *
Vapour density at 68 °F:	Non-applicable *
Partition coefficient n-octanol/water 68 °F:	Non-applicable *
Solubility in water at 68 °F:	Non-applicable *
Solubility properties:	Non-applicable *
Decomposition temperature:	Non-applicable *
Melting point/freezing point:	Non-applicable *

**Flammability:**

Flash Point:	<20 °F
Flammability (solid, gas):	Non-applicable *
Autoignition temperature:	453 °F
Lower flammability limit:	Non-applicable *
Upper flammability limit:	Non-applicable *

**Particle characteristics:**

\*Non-applicable due to the nature of the product, not providing information property of its hazards.

- CONTINUED ON NEXT PAGE -



**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES (continued)**

Median equivalent diameter: Non-applicable \*

**9.2 Other information:**

**Information with regard to physical hazard classes:**

Explosive properties: Non-applicable \*

Oxidising properties: Non-applicable \*

Corrosive to metals: Non-applicable \*

Heat of combustion: Non-applicable \*

Aerosols-total percentage (by mass) of flammable components: Non-applicable \*

**Other safety characteristics:**

Surface tension at 68 °F: Non-applicable \*

Refraction index: Non-applicable \*

MIR (Maximum Incremental Reactivity): 0

\*Non-applicable due to the nature of the product, not providing information property of its hazards.

**SECTION 10: STABILITY AND REACTIVITY**

**10.1 Reactivity:**

No hazardous reactions are expected because the product is stable under recommended storage conditions. See section 7 from Safety Data Sheet.

**10.2 Chemical stability:**

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

**10.3 Possibility of hazardous reactions:**

Under the specified conditions, hazardous reactions that lead to excessive temperatures or pressure are not expected.

**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	Risk of combustion	Avoid direct impact	Not applicable

**10.5 Incompatible materials:**

Acids	Water	Oxidising materials	Combustible materials	Others
Avoid strong acids	Not applicable	Avoid direct impact	Not applicable	Avoid alkalis or strong bases

**10.6 Hazardous decomposition products:**

See subsection 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 (CO<sub>2</sub>), carbon monoxide and other organic compounds.

**SECTION 11: TOXICOLOGICAL INFORMATION**

**11.1 Information on toxicological effects:**

The experimental information related to the toxicological properties of the product itself is not available

**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 (acute effect):

- Acute toxicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for consumption. For more information see section 3
- Corrosivity/Irritability: The consumption of a considerable dose can cause irritation in the throat, abdominal pain, nausea and vomiting.

B- Inhalation (acute effect):

- CONTINUED ON NEXT PAGE -



**SECTION 11: TOXICOLOGICAL INFORMATION (continued)**

- Acute toxicity : Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for inhalation. For more information see section 3.
- Corrosivity/Irritability: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.
- C- Contact with the skin and the eyes (acute effect):
  - Contact with the skin: Produces skin inflammation.
  - Contact with the eyes: Causes serious eye irritation.
- D- CMR effects (carcinogenicity, mutagenicity and toxicity to reproduction):
  - Carcinogenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for the effects mentioned. For more information see section 3.  
IARC: Toluene (3: Not classifiable as to its carcinogenicity to humans); Xylene (3: Not classifiable as to its carcinogenicity to humans); Ethylbenzene (2B: Possibly carcinogenic to humans); Formaldehyde (1: Carcinogenic to humans); Ethylbenzene (2B: Possibly carcinogenic to humans); Formaldehyde (1: Carcinogenic to humans); Polychloroprene (3: Not classifiable as to its carcinogenicity to humans); Talc (3: Not classifiable as to its carcinogenicity to humans)
  - Mutagenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.
  - Reproductive toxicity: Suspected of damaging fertility or the unborn child
- E- Sensitizing effects:
  - Respiratory: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous with sensitising effects. For more information see section 3.
  - Skin: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.
- F- Specific target organ toxicity (STOT) - single exposure:
 

Exposure in high concentration can cause a breakdown in the central nervous system causing headache, dizziness, vertigo, nausea, vomiting, confusion, and in serious cases, loss of consciousness.
- G- Specific target organ toxicity (STOT)-repeated exposure:
  - Specific target organ toxicity (STOT)-repeated exposure: Serious health effects in the case of prolonged consumption, including death, serious functional disorders or morphological changes of toxicological importance.
  - Skin: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.
- H- Aspiration hazard:
 

Based on available data, the classification criteria are not met. However, it does contain substances classified as hazardous for this effect. For more information see section 3.

**Other information:**

Non-applicable

**Specific toxicology information on the substances:**

Identification	Acute toxicity		Genus
Toluene CAS: 108-88-3	LD50 oral	5580 mg/kg	Rat
	LD50 dermal	12124 mg/kg	Rat
	LC50 inhalation vapour	28.1 mg/L (4 h)	Rat
acetone CAS: 67-64-1	LD50 oral	5800 mg/kg	Rat
	LD50 dermal	7426 mg/kg	Rabbit
	LC50 inhalation vapour	76 mg/L (4 h)	Rat

**Acute Toxicity Estimate (ATE mix):**

ATE mix		Ingredient(s) of unknown toxicity
Oral	>5000 mg/kg (Calculation method)	0 %
Dermal	>5000 mg/kg (Calculation method)	0 %
LC50 inhalation vapour	>20 mg/L (4 h) (Calculation method)	0 %

**SECTION 12: ECOLOGICAL INFORMATION**

The experimental information related to the eco-toxicological properties of the product itself is not available

- CONTINUED ON NEXT PAGE -



SECTION 12: ECOLOGICAL INFORMATION (continued)

Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

12.1 Ecotoxicity (aquatic and terrestrial, where available):

Acute toxicity:

Identification	Concentration		Species	Genus
n-hexane CAS: 110-54-3	LC50	4 mg/L (96 h)	Carassius auratus	Fish
	EC50	Non-applicable		
	EC50	Non-applicable		
Toluene CAS: 108-88-3	LC50	5.5 mg/L (96 h)	Oncorhynchus kisutch	Fish
	EC50	3.78 mg/L (48 h)	Ceriodaphnia dubia	Crustacean
	EC50	Non-applicable		
acetone CAS: 67-64-1	LC50	5540 mg/L (96 h)	Oncorhynchus mykiss	Fish
	EC50	8800 mg/L (48 h)	Daphnia pulex	Crustacean
	EC50	3400 mg/L (48 h)	Chlorella pyrenoidosa	Algae

Chronic toxicity:

Identification	Concentration		Species	Genus
acetone CAS: 67-64-1	NOEC	Non-applicable		
	NOEC	2212 mg/L	Daphnia magna	Crustacean

12.2 Persistence and degradability:

Substance-specific information:

Identification	Degradability		Biodegradability	
n-hexane CAS: 110-54-3	BOD5	Non-applicable	Concentration	100 mg/L
	COD	Non-applicable	Period	28 days
	BOD5/COD	Non-applicable	% Biodegradable	98 %
Toluene CAS: 108-88-3	BOD5	2.5 g O2/g	Concentration	100 mg/L
	COD	Non-applicable	Period	14 days
	BOD5/COD	Non-applicable	% Biodegradable	100 %
acetone CAS: 67-64-1	BOD5	Non-applicable	Concentration	100 mg/L
	COD	Non-applicable	Period	28 days
	BOD5/COD	Non-applicable	% Biodegradable	96 %

12.3 Bioaccumulative potential:

Substance-specific information:

Identification	Bioaccumulation potential	
n-hexane CAS: 110-54-3	BCF	
	Pow Log	5.8
	Potential	
Toluene CAS: 108-88-3	BCF	90
	Pow Log	2.73
	Potential	Moderate
acetone CAS: 67-64-1	BCF	1
	Pow Log	-0.24
	Potential	Low

12.4 Mobility in soil:

Identification	Absorption/desorption		Volatility	
n-hexane CAS: 110-54-3	Koc	Non-applicable	Henry	Non-applicable
	Conclusion	Non-applicable	Dry soil	Non-applicable
	Surface tension	1.798E-2 N/m (77 °F)	Moist soil	Non-applicable
Toluene CAS: 108-88-3	Koc	178	Henry	672.8 Pa·m <sup>3</sup> /mol
	Conclusion	Moderate	Dry soil	Yes
	Surface tension	2.793E-2 N/m (77 °F)	Moist soil	Yes
acetone CAS: 67-64-1	Koc	1	Henry	2.93 Pa·m <sup>3</sup> /mol
	Conclusion	Very High	Dry soil	Yes
	Surface tension	2.304E-2 N/m (77 °F)	Moist soil	Yes

- CONTINUED ON NEXT PAGE -



**CA211 - CONTACT CEMENT PVC + MDF PANEL**



**SECTION 12: ECOLOGICAL INFORMATION (continued)**

**12.5 Results of PBT and vPvB assessment:**

Non-applicable

**12.6 Other adverse effects:**

Not described

**SECTION 13: DISPOSAL CONSIDERATIONS**

**13.1 Disposal methods:**

The next characteristic per RCRA could apply to the unused product if it becomes a waste material: Ignitability. The next EPA hazardous waste number could apply: D001.

Wastes generated by normal household activities (e.g., routine house and yard maintenance) are excluded from the definition of hazardous waste ( Title 40 of the Code of Federal Regulations Part 261.4)

**Waste management (disposal and evaluation):**

Follow RCRA framework and EPA regulation for to ensure that hazardous waste is managed safely and properly.Waste should not be disposed of to drains. Remind, It is the responsibility of the waste generator to evaluate whether his wastes are hazardous by characteristics or listing.See section 6 for further information about Accidental release measures.

**Regulations related to waste management:**

Legislation related to waste management:

40 CFR Solid Wastes - Part 239 through 282.

State regulatory requirements for generators may be more stringent than those in the federal program. Be sure to check the state's policies.

**SECTION 14: TRANSPORT INFORMATION**

**Transport of dangerous goods by land:**

With regard to 49 CFR on the Transport of Dangerous Goods:



**14.1 UN number:** UN1133

**14.2 UN proper shipping name:** ADHESIVES

**14.3 Transport hazard class(es):** 3

Labels: 3

**14.4 Packing group, if applicable:** II

**14.5 Marine pollutant:** Yes

**14.6 Special precautions which a user needs to be aware of, or needs to comply with, in connection with transport or conveyance either within or outside their premises**

Physico-Chemical properties: see section 9

Limited quantities: 5 L

Under 49 CFR 171.4, Except when transporting aboard a vessel, the requirements of this subchapter specific to marine pollutants do not apply to non-bulk packagings transported by motor vehicles, rail cars, and aircraft

**14.7 Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code):** Non-applicable

**Transport of dangerous goods by sea:**

With regard to IMDG 42-24:



**SECTION 14: TRANSPORT INFORMATION (continued)**



- 14.1 UN number:** UN1133
- 14.2 UN proper shipping name:** ADHESIVES
- 14.3 Transport hazard class(es):** 3  
Labels: 3
- 14.4 Packing group, if applicable:** II
- 14.5 Marine pollutant:** Yes
- 14.6 Special precautions which a user needs to be aware of, or needs to comply with, in connection with transport or conveyance either within or outside their premises**  
Special regulations: Non-applicable  
EmS Codes: F-E, S-D  
Physico-Chemical properties: see section 9  
Limited quantities: 5 L  
Segregation group: Non-applicable
- 14.7 Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code):** Non-applicable

**Transport of dangerous goods by air:**

With regard to IATA/ICAO 2025:



- 14.1 UN number:** UN1133
- 14.2 UN proper shipping name:** ADHESIVES
- 14.3 Transport hazard class(es):** 3  
Labels: 3
- 14.4 Packing group, if applicable:** II
- 14.5 Marine pollutant:** Yes
- 14.6 Special precautions which a user needs to be aware of, or needs to comply with, in connection with transport or conveyance either within or outside their premises**  
Physico-Chemical properties: see section 9
- 14.7 Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code):** Non-applicable

**SECTION 15: REGULATORY INFORMATION**

- 15.1 Safety, health and environmental regulations specific for the product in question:**



**CA211 - CONTACT CEMENT PVC + MDF PANEL**



**SECTION 15: REGULATORY INFORMATION (continued)**

- CALIFORNIA LABOR CODE - The Hazardous Substances List: *n-hexane (110-54-3)*; *Toluene (108-88-3)*; *acetone (67-64-1)*; *Magnesium oxide (1309-48-4)*
- California Proposition 65 (the Safe Drinking Water and Toxic Enforcement Act of 1986) - Birth defects or other reproductive harm: *n-hexane (110-54-3)*; *Toluene (108-88-3)*
- California Proposition 65 (the Safe Drinking Water and Toxic Enforcement Act of 1986) - Cancer: Non-applicable
- CANADA-Domestic Substances List (DSL): *n-hexane (110-54-3)*; *Toluene (108-88-3)*; *acetone (67-64-1)*; *Polychloroprene (9010-98-4)*; *Magnesium oxide (1309-48-4)*
- CANADA-Non-Domestic Substances List (NDSL): Non-applicable
- Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) - Reportable Quantities: *n-hexane (110-54-3)* - 5000 lb; *Toluene (108-88-3)* - U220; *acetone (67-64-1)* - U002
- Hazardous Air Pollutants (Clean Air Act): *n-hexane (110-54-3)*; *Toluene (108-88-3)*
- Massachusetts RTK - Substance List: *n-hexane (110-54-3)*; *Toluene (108-88-3)*; *acetone (67-64-1)*; *Magnesium oxide (1309-48-4)*
- Minnesota - Hazardous substances ERTK: *n-hexane (110-54-3)*; *Toluene (108-88-3)*; *acetone (67-64-1)*; *Magnesium oxide (1309-48-4)*
- New Jersey Worker and Community Right-to-Know Act: *n-hexane (110-54-3)*; *Toluene (108-88-3)*; *acetone (67-64-1)*; *Magnesium oxide (1309-48-4)*
- New York RTK - Substance list: *n-hexane (110-54-3)*; *Toluene (108-88-3)*; *acetone (67-64-1)*; *Magnesium oxide (1309-48-4)*
- NTP (National Toxicology Program): Non-applicable
- OSHA Specifically Regulated Substances (29 CFR 1910.1001-1096): Non-applicable
- Pennsylvania Worker and Community Right-to-Know Law: *n-hexane (110-54-3)*; *Magnesium oxide (1309-48-4)*
- Protective Action Criteria (PAC) with AEGs, ERPGs, & TEELs: *n-hexane (110-54-3)*; *Toluene (108-88-3)*; *acetone (67-64-1)*; *Magnesium oxide (1309-48-4)*
- Rhode Island - Hazardous substances RTK: *n-hexane (110-54-3)*; *Toluene (108-88-3)*; *acetone (67-64-1)*
- SB-258 Cleaning Product Right to Know Act : *n-hexane (110-54-3)*; *Toluene (108-88-3)*; *acetone (67-64-1)*
- The Toxic Substances Control Act (TSCA) : *n-hexane (110-54-3)*; *Toluene (108-88-3)*; *acetone (67-64-1)*; *Polychloroprene (9010-98-4)*; *Magnesium oxide (1309-48-4)*
- Toxic chemical release reporting under EPCRA section 313 (40 CFR Part 372): *n-hexane (110-54-3)*; *Toluene (108-88-3)*

**Specific provisions in terms of protecting people or the environment:**

It is recommended to use the information provided in this safety data sheet as a foundation for conducting workplace-specific risk assessments. These assessments will help establish the appropriate risk prevention measures for handling, using, storing, and disposing of this product.

**Other legislation:**

Take into consideration other applicable federal, state, and local laws and local regulations.

**SECTION 16: OTHER INFORMATION**

**Legislation related to safety data sheets:**

This safety data sheet has been designed in accordance with Appendix d to §1910.1200 - Safety data sheets

**Texts of the legislative phrases mentioned in section 2:**

- H315: Causes skin irritation.
- H361: Suspected of damaging fertility or the unborn child.
- H336: May cause drowsiness or dizziness.
- H372: Causes damage to organs through prolonged or repeated exposure.
- H225: Highly flammable liquid and vapour.
- H319: Causes serious eye irritation.

**Texts of the legislative phrases mentioned in section 3:**

The phrases indicated do not refer to the product itself; they are present merely for informative purposes and refer to the individual components which appear in section 3

**29 CFR 1910.1200:**

- Asp. Tox. 1: H304 - May be fatal if swallowed and enters airways.
- Comb. Dust: CD - May form combustible dust concentrations in air
- Eye Irrit. 2A: H319 - Causes serious eye irritation.
- Flam. Liq. 2: H225 - Highly flammable liquid and vapour.
- Repr. 2: H361 - Suspected of damaging fertility or the unborn child.
- Skin Irrit. 2: H315 - Causes skin irritation.
- STOT RE 1: H372 - Causes damage to organs through prolonged or repeated exposure.
- STOT RE 2: H373 - May cause damage to organs through prolonged or repeated exposure.
- STOT SE 3: H336 - May cause drowsiness or dizziness.

**Advice related to training:**

- CONTINUED ON NEXT PAGE -



SECTION 16: OTHER INFORMATION (continued)

According to 29 CFR 1910.1200, training on chemical hazards is necessary for employees using this product. This training will facilitate their understanding and interpretation of the safety data sheet, as well as the product label.

**Principal bibliographical sources:**

Occupational Safety & Health Administration (OSHA).

**Abbreviations and acronyms:**

IMDG: International maritime dangerous goods code

IATA: International Air Transport Association

ICAO: International Civil Aviation Organisation

COD: Chemical Oxygen Demand

BOD5: 5-day biochemical oxygen demand

BCF: Bioconcentration factor

LD50: Lethal Dose 50

CL50: Lethal Concentration 50

EC50: Effective concentration 50

Log-POW: Octanol-water partition coefficient

Koc: Partition coefficient of organic carbon

IARC: International Agency for Research on Cancer

Date of compilation: 6/6/2024

Revised: 2/27/2026



Manufacturer Disclaimer: The information contained in this safety data sheet ("SDS") is based on sources, technical knowledge and current legislation. Furthermore, is based on data believed to be accurate; thus, the company does not assume any liability for its accuracy. The information provided herein cannot be considered a guarantee of the properties of this product and the same is simply a description of the security requirements. The use, occupational methodology and/or conditions for users of this product are not within our awareness or control. It is ultimately the responsibility of the user(s) to take the necessary measures to obtain the legal requirements concerning the manipulation, storage, use and disposal of chemical products. The information of this SDS only refers to this product, which should not be used for purposes other than those specified. Finally, the manner in which this product is used and whether there is any infringement of patents is the sole responsibility of the user(s).

END OF SAFETY DATA SHEET