

MATERIAL DATA SAFETY SHEET

Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS & 2001/58 EC Standards

SECTION I – PRODUCT IDENTIFICATION

REVISION DATE: 09/16/2017

Product Name: Gel Adhesive
Chemical Name: N/A
Synonyms: GEL ADHESIVE
Trade Name: GEL ADHESIVE
Product use: decoration adhesive
Distributor's Name: CHRISTRIO
Distributor's Address: 2420 Railroad; Corona, CA. 92881
Information Contact: 1 951 808 4730
Emergency Phone: Canada & US (800) 535-5053 International: +420-2440-9250
EU Address: LIBUSSKA 319/126, PRAHA 4, PS: 14 200, Czech Republic

SECTION II – HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

This information may be based on finding related or similar materials

- Do not spray
- Do not heat

Potential Health Effects, Signs, and Symptoms of Exposure:

Primary Route of Entry	Skin, inhalation, eyes.
Eye	Contact with eyes will cause irritation
Skin	Skin contact will cause irritation. May cause allergic skin reaction.
Ingestion	Harmful if swallowed. May cause tract irritation.
Inhalation	Harmful if inhaled. May cause respiratory irritation.
Sub-Chronic Effects	No specific information available.

NOTE: Refer to Section XI, Toxicological Information for Details

SECTION III – COMPOSITION/INFORMSTION ON INGREDIENTS

Chemical Identity	CAS#	EINEC#	INCI Name	Exposure OSHA TWA/STEL	LIMITS ACGIH TWA/STEL	Carcinogen	%
Acrylates Copolymer	25035-69-2	N/DA	N/DA	N/E	N/E	NOT LISTED	90
Pentaerythritol tetra(3-mercaptopropionate)	7575-23-7	N/DA	N/DA	N/E	N/E	NOT LISTED	3
Trimethylbenzoyl Diphenylphosphine Oxide	75980-60-8	N/DA	N/DA	N/E	N/E	NOT LISTED	5
Dimethicone	9006-65-9	N/DA	N/DA	N/E	N/E	NOT LISTED	2

SECTION IV – FIRST AID MEASURES

First Aid for Eye	Immediately flush eyes with plenty of water for at least 15 minutes. Get immediate medical attention.
First Aid for Skin	Immediately flush skin with plenty of water (using soap, if available). Remove contaminated clothing and shoes. Wash before reuse. Get immediate medical assistance if symptoms occur.
First Aid for Inhalation	If symptoms develop and persist, get medical attention.
First Aid for Ingestion	Do not induce vomiting. Keep individual calm. Get medical attention immediately.

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SECTION V – FIRE FIGHTING MEASURES

Flash Point (°F/°C)	Flammable Limit (vol %)	Auto-Ignition Temperature (vol %)
105°C	N/D	N/D

Method:

Extinguishing Media: Foam, dry chemical, or carbon dioxide.

Fire Fighting Instructions: Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear.

Unusual Hazard: Uncontrolled polymerization may occur at high temperatures resulting in explosions or rupture of storage containers

SECTION VI – ACCIDENTAL RELEASE MEASURES

Spill or Release Procedures Remove sources of ignition. Prevent product from entering drains or open waters. Soak up with inert absorbent. Store in a partly filled, closed container until disposal. US Regulations (CERCLA) require reporting spill and release to soil, water and air in excess of reportable quantities. The toll free number for the US Coast Guard National Response Center is (800) 424-8802. EU Regulations require the consultation of Directive 98/24/EC. Dispose and report per regulatory requirements if necessary. Please prevent washing from entering of waterways.

SECTION VII – HANDLING AND STORAGE

Handling Prevent contact with eyes, skin, and clothing. Do not breathe vapor and mist. Wash thoroughly after handling. DO NOT heat or spray. Use only with adequate ventilation. Use only in area provided with appropriate exhaust ventilation.

Storage For safe storage, store at or below 26°C (80°F). Keep in a cool, well ventilated area away from heat, sparks and open flame. Keep container tightly closed until ready for use.

Explosion Hazard N/DA

SECTION VIII – EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls Local exhaust ventilation is recommended when general ventilation is not sufficient to control airborne contamination below occupational exposure limits.

Personal Protective Equipment

General The level of protection and types of controls necessary will depend on potential exposure conditions. Select controls based on a risk assessment of local circumstances below the exposure guidelines/limits. Local guidelines on emission limits for volatile substances must be observed for the discharge of exhaust air containing vapor.

Eye/Face Protection Safety goggles or safety glasses with side shields. In a splash hazard environment, chemical goggles should be used in combination with a full face shield.

Skin Protection Use impermeable gloves and protective clothing as necessary to prevent skin contact. Neoprene gloves.

Respiratory Protection Use OSHA approved respirator if there is potential to exceed exposure limit(s). If this material is handled at elevated temperatures or under mist forming conditions, without engineering controls, an OSHA approved respirator must be used.

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SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Odor & Odor Theshold	pH	Specific Gravity	Viscosity	% Volatile
Clear Liqued	Light	N/A	1.10	N/DA	.80%

Boiling Point/ Feezing Point	Decomposition Temperature	Octanol/Water Partitioning Coefficient	Vapor Pressure	Vapor Density	Evaporation Rate	Ignition	Solution In Water
>93° (200°F)	N/A	N/A	N/A	N/A	N/A	N/D	Slight

Flash point (°F/°C)	Flammable Limit (Vol %)	Auto-ignition Temperature (Vol %)
105°C	N/A	N/A

SECTION X - STABILITY AND REACTIVITY

Stability: Stable under normal conditions of storage and use	Incompatibility (Materials to Avoid): Strong Acids. Strong oxidizing agents. Bases.
Hazardous Decomposition Products: Oxides of carbon. Oxides of nitrogen. Irritating organic vapors.	Hazardous Polymerization: May occur

Conditions to Avoid:

Heat, flames, sparks, and other sources of ignition. Do not heat above 26°C (80°F).

SECTION XI - TOXICOLOGICAL INFORMATION

Acute Oral Toxicity	Acute Dermal Toxicity	Acute Inhalation Toxicity	Irritation - Skin	Irritation -Eye
N/DA	N/DA	N/DA	N/DA	N/DA

Since this product contains very low concentration of active components, the primary toxicological information is derived from the obligomers. Further hazardous properties cannot be excluded. The prodcut should be handled with care when dealing with chemicals.

SECTION XII - Ecological Information

Ecotoxicological Information

General information(s): N/DA

SECTION XIII- DISPOSAL CONSIDERATIONS

Information provided is for unused product only.

Recommended method of disposal: Dispose of according to P.R.C., province and local governmental regulations.

ECE Hazardous waste number: Not a RCRA hazardous waste.

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SECTION XIV – TRANSPORT INFORMATION

DOT (49 CFR 172) (GND)	
Proper Shipping Name	Non- Hazardous for transport
Identification	N/A
Marine Pollutant	N/A
Special Provisions	N/A
Emergency Response Guidebook (ERG) #	N/A
IATA (DGR) (AIR)	
Proper Shipping Name	Non- Hazardous for transport
Class or Division	N/A
UN or ID Number	N/A
Packing Instructions	N/A
Emergency Response Guidance(ICAO)#	N/A
IMO (IMDG)	
Proper Shipping Name	Non- Hazardous for transport
Class or Division	N/A
UN or ID Number	N/A
Special Provision & Stowage/Segregation	N/A
Emergency Schedule (EmS)#	N/A
Other Information	

SECTION XV – REGULATORY INFORMATION

Labelling: * According to european directives on classification, packaging and labelling of dangerous substances 67/548 and last up-dated adaptations 2004/73/CE and Directive 1999/45/EC of the European Parliament and of the Council relating to the classification, packaging and labelling of dangerous products EC number: Not applicable.

Hazard Symbol:

Xi: Irritant, **F:** Highly Flammable



Risk Phrases:

R36: Irritating to eyes

Safety Phrases:

S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

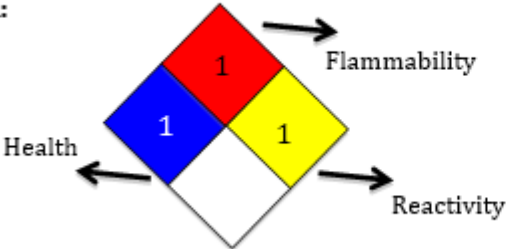
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SECTION XVI - OTHER INFORMATION

EU Class and Risk/Safety Phrases for Referenced Ingredients (See Section 2):

Hazard Rating system (Pictograms)

<p>NFPA:</p> 	<p>HMIS:</p> <table border="1"> <tr><td>1</td><td>HEALTH</td></tr> <tr><td>1</td><td>FLAMMABILITY</td></tr> <tr><td>1</td><td>REACTIVITY</td></tr> <tr><td> </td><td> </td></tr> </table>	1	HEALTH	1	FLAMMABILITY	1	REACTIVITY		
1	HEALTH								
1	FLAMMABILITY								
1	REACTIVITY								

According legislation(s): * This safety data sheet is in compliance with Title IV of the REACH regulation n°1907/2006/EC

* Refer to any national rule that may be relevant, such as, for instance : * Council Directive 98/24/EC of 7 April 1998 on the protection of the health and safety of workers from the risks related to chemical agents at work * Directive 1999/92/EC of the European Parliament on minimum requirements for improving the safety and health protection of workers potentially at risk from explosive atmospheres Commission Directive 2006/15/EC of 7 February 2006 establishing a second list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC * Council Directive 1999/13/EC of 11 March 1999 on the limitation of emissions of volatile organic compounds due to the use of organic solvents in certain activities and installations.

N/E - Not Establish N/R – No Review N/DA – No Data Available N/A – Not Applicable
 OSHA PEL for nuisance dust 15mg/m³ (total dust) 5mg/m³ (Respirable dust)
 ACGIH PEL for nuisance dust 10mg/m³

Prepared By:	CHRISTRIO
Update Composition	September 16, 2017

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