Date of issue: 20/04/2021 Date of revision: 20/04/2021 Version no.: 1

Complying with 1907/2006/EEC Regulation of 18 December 2006 ("REACH Regulation")

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Product name: Two Component Cold Plastic Road Marking White 901
Trade name: COLPLAST

1.2 Relevant identified uses of the substance or mixture and uses advised against

Common uses: Paint for traffic signs.
Uses advised against: N/A

1.3 Details of the supplier of the safety data sheet

Kolibir Ltd.
5 Modeine st. Petach-Tikva
ISRAEL 4927154
Tel.: +972-3-9046652
Fax: +972-3-9046452

E-mail address of person responsible for this SDS: info@kolibir.com

1.4 Emergency telephone number

Emergency telephone number (with hours of operation): +972-50-5218061

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification in accordance with Regulation (EC) No. 1272/2008 (CLP):
Flam. Liq. 3 H226
Acute Tox. 4 H302
Skin Sens. 1 H317
Skin Irrit. 2 H315
Eye Irrit. 2 H319
STOT SE 3 H335
Aquatic Chronic 3 H412

See section 16 for the full text of the H-statements declared above.

2.2 Label elements

Labelling in accordance with Regulation 1272/2008 (CLP)
Hazard pictogram(s):

Signal word: Warning

Hazard statement(s):
H226: Flammable liquid and vapour.
H302: Harmful if swallowed.
H315: Causes skin irritation.
H317: May cause an allergic skin reaction.
H319: Causes serious eye irritation.
H335: May cause respiratory irritation.
H412: Harmful to aquatic life with long lasting effects.

Precautionary Statement(s):
P261: Avoid breathing dust/fume/gas/mist/vapours/spray.
P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P333 + P313: If skin irritation or rash occurs: Get medical advice/attention.
P273: Avoid release to the environment.

2.3 Other hazard
Not available

SECTION 3: Composition/information on ingredients

3.2 Mixtures:

Substance name	Identifiers	%	CLP Classification
n-Butyl acrylate	CAS number: 141-32-2 EC number: 205-480-7	3-16	Flam. Liq. 3 H226 Eye Irrit. 2 H319 Skin Irrit. 2 H315 Skin Sens. 1 H317 STOT SE 3 H335
Methyl methacrylate	CAS number: 80-62-6 EC number: 201-297-1	3-17	Flam. Liq. 2 H225 Skin Irrit. 2 H315 Skin Sens. 1 H317 STOT SE 3 H335
Methacrylic acid, monoester with propane-1,2-diol	CAS number: 27813-02-1 EC number: 248-666-3	0-5.2	Eye Irrit. 2 H319 Skin Sens. 1 H317
1,1'-(p-Tolylimino)dipropan-2-ol	CAS number: 38668-48-3 EC number: 254-075-1	0.1-2	Acute Tox. 2 H300 Eye Irrit. 2 H319 Aquatic Chronic 3 H412
3,7-Dimethyloct-6-enal	CAS number: 106-23-0 EC number: 203-376-6	0-0.4	Eye Irrit. 2 H319 Skin Irrit. 2 H315 Skin Sens. 1B H317
Tris(nonylphenyl) phosphite	CAS number: 26523-78-4 EC number: 247-759-6	0-0.4	Skin Sens. 1 H317 Aquatic Acute 1 H400 Aquatic Chronic 1 H410
2,2'-Ethylenedioxydiethyl dimethacrylate	CAS number: 109-16-0 EC number: 203-652-6	0-5.2	Skin Sens. 1B H317

See section 16 for the full text of the H-statements declared above.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in section 8.

SECTION 4: First aid measures

4.1 Description of first aid measures

Eyes contact: In case of contact with eyes, rinse immediately with plenty of water for at least 15 minutes. Get medical attention.

Skin contact: Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. Get medical attention.

Inhalation: Remove the victim from site of exposure to fresh air. If breathing is difficult, give oxygen. If not breathing give artificial respiration. Get medical attention.

Ingestion: **Do not induce vomiting.** If victim is conscious, wash mouth thoroughly with plenty of water. Never give anything by mouth to an unconscious person. Get medical attention.

4.2 Most important symptoms and effects, both acute and delayed

See section 2.2 (Label elements) and/or section 11 (Toxicological information) for the most important known symptoms and effects.

4.3 Indication of any immediate medical attention and special treatment needed

Not available

SECTION 5: Fire-fighting measures

5.1 Extinguishing media

Suitable: Foam, carbon dioxide, dry powder.
Not suitable: Water jet.

5.2 Special hazards arising from the substance or mixture

Flammable liquid and vapour. Under fire conditions may emit toxic and irritating fumes.

5.3 Advice for firefighters

Special protective equipment for fire fighters: Fire fighters should wear full protective clothing and self-contained breathing apparatus in positive pressure mode.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Ventilate area of spill. Keep away from sources of ignition.

6.2 Environmental precautions

Prevent entry into waterways, sewers, basements or confined areas.

6.3 Methods and materials for containment and cleaning up

Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations.

6.4 Reference to other sections

See Section 1 for emergency contact information.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Avoid contact with skin and eyes. Avoid inhalation of vapors, mist or gas. Wash thoroughly after handling. Handle in accordance with good industrial hygiene and safety practice. Keep away from sources of ignition - No smoking. Take measures to prevent the build up of electrostatic charge.

Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also section 8 for additional information measures.

7.2 Conditions for safe storage, including any incompatibilities

Storage: Keep container tightly closed in a dry, cool and well-ventilated place. Keep away from oxidizing agents.

7.3 Specific end use(s): N/A

SECTION 8: Exposure control/personal protection

8.1 Control parameters

Occupational exposure limit values:

Substance name	Occupational exposure limits
n-Butyl acrylate	EU-OELs 2 ppm (LTEL), 10 ppm (STEL)
Methyl methacrylate	EU-OELs 50 ppm (LTEL), 100 ppm (STEL)

8.2 Exposure controls

Engineering measures

Use process enclosures, local exhaust ventilation, or others engineering controls to keep airborne levels below recommend exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

Person Protective measures

Respiratory protection: Suitable respirator. Be sure to use an approved/certified equipment or equivalent equipment. Wear appropriate respirator when ventilation is inadequate.

Hand protection: Wear protective gloves to prevent skin exposure.

Eye protection: Wear protective safety glasses.

Skin protection: Wear appropriate long-sleeved clothing to minimize skin contact.

Environmental exposure controls: Not available

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance: High viscosity liquid with colour according to product specification
Odour: Characteristic
Odour threshold: Not determined
pH: Not applicable
Melting point/Freezing point: Not determined
Initial boiling point/boiling range: 129°C
Flash point: 29°C
Evaporation rate: Not determined

Flammability: Not applicable
Upper/lower flammability or explosive limits: Lower: 1.5 Vol %, Upper: 12.5 Vol %
Vapor pressure: Not determined
Vapor density: Not determined
Relative density: Not determined
Solubility(ies): Not miscible or difficult to mix with water
Partition coefficient Octanol/Water: Not determined
Auto-ignition temperature: 292°C
Decomposition temperature: Not determined
Viscosity: Not determined
Explosive properties: Product is not explosive. However, formation of explosive air/vapour is possible
Oxidizing properties: Not determined

9.2 Other information
Solvent content: Not determined
VOC content: Not determined
Solids content: Not determined

SECTION 10: Stability and reactivity

10.1 Reactivity
Not available

10.2 Chemical stability
The product is stable under normal handling and storage conditions described in Section 7.

10.3 Possibility of hazardous reactions
Hazardous reactions are not expected, under normal conditions of storage and use.

10.4 Conditions to avoid
Heat, flames and sparks.

10.5 Incompatible materials
Oxidizing agents.

10.6 Hazardous decomposition products
Other decomposition products: not available
In the event of fire: see section 5

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity:

Product/substance name	Test	Species	Dose
n-Butyl acrylate	LD50, Oral LD50, Administration onto the skin LC50, Inhalation	Rat Rabbit Rat	900 mg/kg 2 mL/kg 2730 ppm/4H
Methyl methacrylate	LD50, Oral LC50, Inhalation	Rat Rat	7872 mg/kg 78000 mg/m^3/4H
Methacrylic acid, monoester with propane-1,2-diol	LD50, Oral	Rat	11200 mg/kg
3,7-Dimethyloct-6-enal	LD50, Oral LD50, Administration onto the skin	Rat Rabbit	2420 mg/kg >2500 mg/kg
2,2'-Ethylenedioxydiethyl dimethacrylate	LD50, Oral	Rat	10837 mg/kg
Tris(nonylphenyl) phosphite	LD50, Oral	Rat	>2000 mg/kg

Skin corrosion/irritation: Causes skin irritation.

Serious eye damage/irritation: Causes serious eye irritation.

Respiratory or skin sensitization: May cause an allergic skin reaction.

Germ cell mutagenicity: Not available

Carcinogenicity: Not available

Reproductive toxicity: Not available

Specific target organ toxicity (single exposure): May cause respiratory irritation.

Specific target organ toxicity (repeated exposure): Not available

Aspiration hazard: Not available

SECTION 12: Ecological information

12.1 Toxicity

Product/ingredient name	Toxicity to fish	Toxicity to crustaceans
Tris(nonylphenyl) phosphite	LC50/96h - Zebra fish (Brachydanio rerio) - 7.1 mg/L	EC50/48h - Water flea (Daphnia magna) - 0.42 mg/L

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
Not available

12.6 Other adverse effects
Harmful to aquatic life with long lasting effects.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product

Waste must be disposed of in accordance with federal, state and local environmental control regulations.

Packing

Empty containers should be taken for local recycling, recovery or waste disposal.

SECTION 14: Transport information

14.1 Un number

ADR/RID: 1993 IMDG: 1993 IATA: 1993

14.2 Proper shipping name

ADR/RID: FLAMMABLE LIQUID, N.O.S. (n-Butyl acrylate, Methyl methacrylate)
IMDG: FLAMMABLE LIQUID, N.O.S. (n-Butyl acrylate, Methyl methacrylate)
IATA: Flammable liquid, n.o.s. (n-Butyl acrylate, Methyl methacrylate)

14.3 Transport hazard class(es)

ADR/RID: 3 IMDG: 3 IATA: 3

14.4 Packing group

ADR/RID: III IMDG: III IATA: III

14.5 Environmental hazard

Marine Pollutant: N/A

14.6 Special precautions for user

Not available

14.7 Transport to bulk according to Annex II of MARPOL 79/78 and the IBC Code

Not available

SECTION 15: Regulatory information

This SDS complies with the following requirements of:
EU Regulation (EC) No.1907/2006 (REACH) including amendments
Regulation (EC) No.1272/2008 (CLP)

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

Not available

15.2 Chemical safety assessment

Not available

SECTION 16: Other information

Full text of Hazards Statements referred to in sections 2 and 3:
Flam. Liq. - Flammable liquid
Skin Irrit. - Skin irritation
Eye Irrit. - Eye irritation
Skin Sens. - Skin sensitization

Acute Tox. - Acute toxicity
STOT SE - Specific target organ toxicity — single exposure
Aquatic Acute - Hazardous to the aquatic environment
Aquatic Chronic - Hazardous to the aquatic environment
H225: Highly flammable liquid and vapour.
H226: Flammable liquid and vapour.
H300: Fatal if swallowed.
H302: Harmful if swallowed.
H315: Causes skin irritation.
H319: Causes serious eye irritation.
H317: May cause an allergic skin reaction.
H335: May cause respiratory irritation.
H400: Very toxic to aquatic life.
H410: Very toxic to aquatic life with long lasting effects.
H412: Harmful to aquatic life with long lasting effects.

Training advice: Before using/handling the product one must read carefully present SDS.

Key Legend Information:
CAS - Chemical Abstract Service
ACGIH - American Conference of Governmental Industrial Hygienists
OSHA - Occupational Safety and Health Administration
NTP - National Toxicology program
IARC - International Agency for Research on Cancer
N/A - Not available
H - statements- Hazard statements
TLV - Threshold Limit Value
TWA - Time-weighted average
STEL - Short-Term Exposure Limit
CSA - Chemical safety assessment

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