Safety Data Sheet

Contact Adhesive RG 1K Rubber Cement 6123006 and 6123007

1. Identification of the substance/mixture and of the company/undertaking

1.1. **Product identifier**

Trade name:
Contact Adhesive RG 1K Rubber Cement 6123006 and 6123007

Product code:
-

REACH registration number:
Not applicable.

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

Relevant identified uses of the substance or mixture:
Contact gluing.

Uses advised against:
-

The full text of any mentioned and identified use categories are given in section 16.

1.3. **Details of the supplier of the safety data sheet**

Company and address:
RG Rom Gummi A/S
Neptunvej 1
DK-7620 Lemvig
T: +45 9782 2033
M: info@romgummi.dk

Safety Data Sheet date:
06. June 2017

Version number:
7.0

1.4. **Emergency telephone number**
Contact The National Poisons Information Service (dial 111, 24 h service). See section 4 “First aid measures”.

2. Hazards identification

2.1. Classification of the substance or mixture

Flam. Liq. 2; H225
Skin Irrit. 2; H315
Eye Irrit. 2; H319
STOT SE 3; H335
STOT SE 3; H336
STOT RE 2; H373
Aquatic Chronic 2; H411
See full text of H-phrases in section 2.2.

2.2. Label elements

Hazard pictogram(s):

Signal word:
Danger.

Hazard statement(s):
Highly flammable liquid and vapour (H225)
Causes skin irritation (H315)
Causes serious eye irritation (H319)
May cause respiratory irritation (H335)
May cause drowsiness or dizziness (H336)
May cause damage to organs through prolonged or repeated exposure (H373)
Toxic to aquatic life with long lasting effects (H411)

Safety statement(s):
General:
If medical advice is needed, have product container or label at hand. (P101)
Keep out of reach of children. (P102)

Prevention:
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. (P210)

Use only outdoors or in a well-ventilated area. (P271)

Response:
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. (P305+P351+P338)

Storage:
Store in a well-ventilated place. Keep container tightly closed. (P403+P233)

Disposal:
-

Identity of the substances primarily responsible for the major health hazards:
Ethyl acetate, xylene, Naphtha (petroleum), hydrotreated light < 0,1% benzene.

2.3. **Other Hazards**

This product contains teratogenic substances, which may cause long-term adverse effects to the unborn foetus.
This product contains substances that may cause adverse effects to the reproductive system.
This product contains an organic solvent. Repeated or prolonged exposure to organic solvents may result in adverse effects to the nervous system and internal organs such as liver and kidneys.

Additional labelling:
Contains Colophony. May produce an allergic reaction. (EUH208)

Additional warnings:
Tactile warning.

VOC:
-

3. Composition/information on ingredients

3.1. **Substances/Mixtures**

NAME:	Ethyl acetate
IDENTIFICATION NOS.:	CAS-no: 141-78-6 EC-no: 205-500-4 REACH-no: 01-2119475103-46-XXXX Index-no: 607-022-00-5
CONTENT:	25-40%
CLP CLASSIFICATION:	Flam. Liq. 2, STOT SE 3, Eye Irrit. 2 H225, H319, H336, EUH066
NOTE:	S

NAME:	Xylene
IDENTIFICATION NOS.:	CAS-no: 1330-20-7 EC-no: 215-535-7 REACH-no: 01-2119488216-32-XXXX Index-no: 601-022-00-9
CONTENT:	15 - <25%
CLP CLASSIFICATION:	Flam. Liq. 3, Asp. Tox. 1, Acute Tox. 4, Skin Irrit. 2, Eye Irrit. 2, Acute Tox. 4, STOT SE 3, STOT RE 2 H226, H304, H312, H315, H319, H332, H335, H373
NOTE:	SL

NAME:	Naphtha (petroleum), hydrotreated light < 0,1% benzene
IDENTIFICATION NOS.:	CAS-no: 64742-49-0 EC-no: 265-151-9 REACH-no: 01-2119475133-43-xxxx Index-no: 649-328-00-1
CONTENT:	15 - <25%
CLP CLASSIFICATION:	Flam. Liq. 2, STOT SE 3, Skin Irrit. 2, Asp. Tox. 1, Aquatic Chronic 2 H225, H304, H315, H336, H411

NAME:	Ethylbenzene
IDENTIFICATION NOS.:	CAS-no: 100-41-4 EC-no: 202-849-4 REACH-no: 01-2119489370-35-XXXX Index-no: 601-023-00-4
CONTENT:	5 - <10%
CLP CLASSIFICATION:	Flam. Liq. 2, Acute Tox. 4, STOT RE 2, Asp. Tox. 1 H225, H304, H332, H373
NOTE:	SL

NAME:	Zinc oxide
IDENTIFICATION NOS.:	CAS-no: 1314-13-2 EC-no: 215-222-5 Index-no: 030-013-00-7
CONTENT:	0.25 - <1%
CLP CLASSIFICATION:	Aquatic Acute 1, Aquatic Chronic 1 H400, H410 (M-acute = 1) (M-chronic = 1)

NAME:	Colophony
IDENTIFICATION NOS.:	CAS-no: 8050-09-7 EC-no: 232-475-7 Index-no: 650-015-00-7
CONTENT:	0.25 - <1%
CLP CLASSIFICATION:	Skin Sens. 1 H317

NAME:	6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol
IDENTIFICATION NOS.:	CAS-no: 119-47-1 EC-no: 204-327-1
CONTENT:	0.25 - <1%
CLP CLASSIFICATION:	Repr. 2, Aquatic Chronic 4 H361, H413

(*) See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.
S = Organic solvent L = European occupational exposure limit.

Other information:

ATEmix(inhale, vapour) > 20
ATEmix(dermal) > 2000
ATEmix(oral) > 2000
Eye Cat. 2 Sum = Sum(Ci/S(G)CLi) = 3,9952 - 5,9928

Skin Cat. 2 Sum = Sum(Ci/S(G)CLi) = 3,588 - 5,382
N chronic (CAT 2) Sum = Sum(Ci/(M(chronic)i*25)*0.1*10^CATi) = > 1 - 1,358688
N acute (CAT 1) Sum = Sum(Ci/M(acute)i*25) = 0,02272 - 0,03408

4. First aid measures

4.1. Description of first aid measures

General information:

In the case of accident: Contact a doctor or casualty department – take the label or this safety data sheet. The doctor can contact The National Poisons Information Service (dial 111, 24 h service). Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person water or other drink.

Inhalation:

Bring the person into fresh air and stay with him.

Skin contact:

Remove contaminated clothing and shoes immediately. Ensure to wash exposed skin thoroughly with soap and water. Skin cleanser can be used. DO NOT use solvents or thinners.

Eye contact:

Remove contact lenses and open eyes widely. Flush eyes with water or saline water(20-30°C) for at least 15 minutes. Seek medical assistance and continue flushing during transport.

Ingestion:

In the case of ingestion, contact a doctor immediately and bring the safety data sheet or label. If the person is conscious, give them water. DO NOT try to induce vomiting, unless this is recommended by a doctor. Hold head facing down to prevent vomit returning to the mouth and throat. Prevent shock by keeping the injured person warm and calm. Initiate immediate resuscitation if breathing stops. If unconscious, roll the injured person into recovery position. Call an ambulance.

Burns:

Rinse with water until the pain stops then continue to rinse for a further 30 minutes.

4.2. Most important symptoms and effects, both acute and delayed

Neurotoxic effects: This product contains organic solvents, which may cause adverse effects to the nervous system. Symptoms of neurotoxicity include: loss of appetite, headache, dizziness, ringing in ears, tingling sensations of skin, sensitivity to the cold, cramps, difficulty in concentrating, tiredness, etc. Repeated exposure to solvents can result in the breaking down of the skin's natural fat layer and may result in an increased absorption potential of other hazardous substances at the area of exposure. This product contains substances that may trigger an allergic reaction to predisposed persons. Irritation effects: This product contains substances, which may cause irritation upon

exposure to skin, eyes or lungs. Exposure may result in an increased absorption potential of other hazardous substances at the area of exposure.

4.3. **Indication of any immediate medical attention and special treatment needed**
Nothing special.

Information to medics:
Bring this safety data sheet.

5. Firefighting measures

5.1. **Extinguishing media**
Recommended: alcohol-resistant foam, carbonic acid, powder, water mist.
Waterjets should not be used, since they can spread the fire.

5.2. **Special hazards arising from the substance or mixture**
If the product is exposed to high temperatures, e.g. in the event of fire, dangerous catabolic substances are produced. These are: Carbon oxides. Some metal oxides. Fire will result in dense black smoke. Exposure to combustion products may harm your health. Fire fighters should wear appropriate protection equipment. Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire-extinguishing water to enter the sewage system and nearby surface waters.

5.3. **Advice for firefighters**
No specific requirements.

6. Accidental release measures

6.1. **Personal precautions, protective equipment and emergency procedures**
Avoid inhalation of vapours from spilled material. Avoid direct contact with spilled substances. Storages not yet ignited must be cooled by water mist. Remove flammable materials if conditions allow it. Ensure sufficient ventilation.

6.2. **Environmental precautions**
Avoid discharge to lakes, streams, sewers, etc. In the event of leakage to the surroundings, contact local environmental authorities. It is recommended to install waste collection trays to prevent emissions to the waste water system and surrounding environment.

6.3. **Methods and material for containment and cleaning up**
Use sand, sawdust, earth, vermiculite, diatomaceous earth to contain and collect non-combustible

absorbent materials and place in container for disposal, according to local regulations. To the extent possible cleaning is performed with normal cleaning agents. Avoid use of solvents.

6.4. **Reference to other sections**

See section on “Disposal considerations” in regard of handling of waste. See section on 'Exposure controls/personal protection' for protective measures.

7. Handling and storage

7.1. **Precautions for safe handling**

Avoid static electricity. Protect electrical equipment in accordance with current standards. To divert static electricity during transmission, containers must be grounded and connected by wire with the receiving containers. Do not use spark-forming tools.
Smoking, storage of tobacco, consumption and storage of food or liquids are not allowed in the workrooms. It is recommended to install waste collection trays to prevent emissions to the waste water system and surrounding environment. See section on 'Exposure controls/personal protection' for information on personal protection. Avoid direct contact with the product.

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

Always store in containers of the same material as the original container. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Must be stored in a cool and well-ventilated area, away from possible sources of ignition.

Storage temperature:
Protect from heat/overheating.

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

This product should only be used for applications quoted in section 1.2.

8. Exposure controls/personal protection

8.1. **Control parameters**

OEL:
Ethylbenzene:
Long-term exposure limit (8-hour TWA reference period): 100 ppm |441 mg/m³
Short-term exposure limit (15-minute reference period): 125 ppm | 552 mg/m³
Comments: Sk (Sk = Can be absorbed through skin)

Xylene:
Long-term exposure limit (8-hour TWA reference period): 50 ppm | 220 mg/m³
Short-term exposure limit (15-minute reference period): 100 ppm | 441 mg/m³
Comments: Sk BMGV (Bmgv = Biological Monitoring Guidance Value. Sk = Can be absorbed through skin)

Ethyl acetate:
Long-term exposure limit (8-hour TWA reference period): 200 ppm | - mg/m³
Short-term exposure limit (15-minute reference period): 400 ppm | - mg/m³

DNEL / PNEC:
No data available.

8.2. **Exposure controls**
Compliance with the accepted occupational exposure limits values should be controlled on a regular basis.

General recommendations:
Observe general occupational hygiene standards.

Exposure scenarios:
In the event exposure scenarios are appended to the safety data sheet, the operational conditions and risk management measures in these shall be complied with.

Exposure limits:
Professional users are subjected to the legally set maximum concentrations for occupational exposure. See occupational hygiene limit values above.

Appropriate technical measures:
Airborne gas and dust concentrations must be kept at a minimum and below current limit values (see above). Installation of an exhaust system if normal air flow in the work room is not sufficient is recommended. Ensure emergency eyewash and –showers are clearly marked.

Hygiene measures:
In between use of the product and at the end of the working day all exposed areas of the body must be washed thoroughly. Always wash hands, forearms and face.

Measures to avoid environmental exposure:
Keep containment materials near the workplace. If possible, collect spillage during work.

Individual protection measures, such as personal protective equipment:

Generally:
Use only CE marked protective equipment.

Respiratory equipment:
Recommended: A. Class 2 (medium capacity). Brown.

Skin protection:
Wear appropriate protection clothing, e.g. coveralls in polypropylene approved type 6 and Category III.

Hand protection:
Recommended: Nitrile rubber. Discard immediately after use
Material thickness: 0,5 mm.

Eye protection:
Wear safety glasses with side shields.

9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Form	Liquid
Colour	Yellow
Odour	No data available.
Odour threshold (ppm)	No data available.
pH	No data available.
Viscosity (40°C)	No data available.
Density (g/cm³)	0,87

Phase changes:

Melting point (°C)	No data available.
Boiling point (°C)	104
Vapour pressure	No data available.
Decomposition temperature (°C)	No data available.
Evaporation rate (n-butylacetate = 100)	No data available.

Data on fire and explosion hazards:

Flash point (°C)	7
Ignition (°C)	No data available.
Auto flammability (°C)	No data available.
Explosion limits (% v/v)	No data available.
Explosive properties	No data available.

Solubility:

Solubility in water	Insoluble
n-octanol/water coefficient	No data available.

9.2. **Other information**

Solubility in fat (g/L)	No data available.

10. Stability and reactivity

10.1. **Reactivity**

No data available.

10.2. **Chemical stability**

The product is stable under the conditions, noted in the section “Handling and storage”.

10.3. **Possibility of hazardous reactions**

Nothing special.

10.4. **Conditions to avoid**

Avoid static electricity. Do not expose to any forms of heat (e.g. solar radiation). May lead to excess pressure.

10.5. **Incompatible materials**

Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

10.6. **Hazardous decomposition products**

The product is not degraded when used as specified in section 1.

11. Toxicological information

11.1. Information on toxicological effects

Acute toxicity:

Substance	Species	Test	Route of exposure	Result
6,6'-di-tert-butyl-2,2'-methyl...	Rat	LD50	Oral	>10000mg/kg
zinc oxide	Rat	LD50	Oral	7950 mg/kg
zinc oxide	Rat	LC50	Inhalation	2500 mg/min
Naphtha (petroleum), hydrotrea...	Rat	LC50	Inhalation	>23300 mg/m3
Naphtha (petroleum), hydrotrea...	Rat	LD50	Dermal	>2920 mg/kg
Naphtha (petroleum), hydrotrea...	Rat	LD50	Oral	>5840 mg/kg
xylene	Rat	LC50	Inhalation	20 mg/l 4h
xylene	Rat	LD50	Oral	>3900 mg/kg
ethyl acetate	Rat	LC50	Inhalation	56000 mg/l/4h
ethyl acetate	Rat	LD50	Oral	5600 mg/kg

Skin corrosion/irritation:
Causes skin irritation.

Serious eye damage/irritation:
Causes serious eye irritation.

Respiratory or skin sensitisation:
This product contains substances that may trigger an allergic reaction to predisposed persons.

Germ cell mutagenicity:
No data available.

Carcinogenicity:
No data available.

Reproductive toxicity:
No data available.

STOT-single exposure:
May cause respiratory irritation. May cause drowsiness or dizziness.

STOT-repeated exposure:
May cause damage to organs through prolonged or repeated exposure.

Aspiration hazard:
No data available.

Long-term effects:
Reproductive toxicity: This product contains teratogenic substances, which may produce anomalies and/or developmental defects to the human offspring. Adverse effects include: death, growth retardation, congenital disorders, delayed mental development, and functional disorders.
Reproductive toxicity: This product contains reprotoxic substances, which may harm the reproductive capacity. Adverse effects include: sterility, effects on the sexual function, lowered effective fertility and dysfunctional menstrual cycle.
Neurotoxic effects: This product contains organic solvents, which may cause adverse effects to the nervous system. Symptoms of neurotoxicity include: loss of appetite, headache, dizziness, ringing in ears, tingling sensations of skin, sensitivity to the cold, cramps, difficulty in concentrating, tiredness, etc. Repeated exposure to solvents can result in the breaking down of the skin's natural fat layer and may result in an increased absorption potential of other hazardous substances at the area of exposure.
Irritation effects: This product contains substances, which may cause irritation upon exposure to skin, eyes or lungs. Exposure may result in an increased absorption potential of other hazardous substances at the area of exposure.

12. Ecological information

12.1. Toxicity

Substance	Species	Test	Duration	Result
6,6'-di-tert-butyl-2,2'-methyl...	Fish	LC50	96h	>50mg/l
zinc oxide	Daphnia	EC50	48 h	>1000 mg/l
zinc oxide	Fish	LC50	96 h	1,1 mg/l
zinc oxide	Algae	EC50	72 h	0,17 mg/l
Naphtha (petroleum), hydrotrea...	Fish	LC50	96 h	13,4 mg/l
Naphtha (petroleum), hydrotrea...	Daphnia	EC50	48 h	3 mg/l
xylene	Fish	LC50	96 h	2 mg/l
xylene	Daphnia	EC50	48 h	8,5 mg/l
xylene	Algae	LC50	72 h	3,2 mg/l
ethyl acetate	Fish	LC50	96 h	>200 mg/l
ethyl acetate	Daphnia	EC50	48 h	>700 mg/l
ethyl acetate	Algae	IC50	72 h	>100 mg/l

12.2. Persistence and degradability

Substance	Biodegradability	Test	Result
Naphtha (petroleum), hydrotrea...	Yes	No data available	No data available
xylene	Yes	No data available	No data available
ethyl acetate	Yes	No data available	No data available

12.3. Bioaccumulative potential

Substance	Potential bioaccumulation	LogPow	BCF
No data available.			

12.4. **Mobility in soil**

Xylene: Log Koc= 2,572885, Calculated from LogPow (Moderate mobility potential.).

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

This mixture/product does not contain any substances considered to meet the criteria classifying them as PBT and/or vPvB.

12.6. **Other adverse effects**

This product contains substances that are toxic to the environment. May result in adverse effects to aquatic organisms. This product contains substances, which due to poor biodegradability, may cause adverse long-term effects to the aquatic environment.

13. Disposal considerations

13.1. **Waste treatment methods**

Product is covered by the regulations on hazardous waste.

Waste:

EWC code

08 04 09	waste adhesives and sealants containing organic solvents or other dangerous substances.

Specific labelling:

-

Contaminated packing:

Contaminated packaging must be disposed of similarly to the product.

14. Transport information

14.1-14.4 This product is within scope of the regulations of transport of dangerous goods.	
ADR/RID	
14.1. UN Number:	1133
14.2. UN proper shipping name:	ADHESIVES containing flammable liquid
14.3. Transport hazard class(es):	3
14.4. Packing group: Notes: Tunnel restriction code:	II - D/E
IMDG	
UN-No.	1133
Proper Shipping Name	Adhesives, containing flammable liquid

Class	3
PG*	II
EmS	F-E, S-D
MP**	-
Hazardous constituent	-

IATA/ICAO	
UN-No.	1133
Proper Shipping Name	Adhesives, containing flammable liquid
Class	3
PG*	II

14.5. **Environmental hazards**

-

14.6. **Special precautions for user**

-

14.7. **Transport in bulk according to Annex II of Marpol and the IBC Code**

No data available.

(*) Packing group, (**) Marine pollutant.

15. Regulatory information

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

Restrictions for application:

People under the age of 18 shall not be exposed to this product cf. Council Directive 94/33/EC of 22 June 1994 on the protection of young people at work.

Pregnant women and women breastfeeding must not be exposed to this product. The risk, and possible technical precautions or design of the workplace needed to eliminate exposure, must be considered.

Demands for specific education:

-

Additional information:

Sources:

Council Directive 92/85/EEC on the introduction of measures to encourage improvements in the safety and health at work of pregnant workers and workers who have recently given birth or are breastfeeding.

Council Directive 94/33/EC of 22 June 1994 on the protection of young people at work.
The Control of Substances Hazardous to Health Regulations 2002. SI 2002/2677. The Stationery Office, 2002.
Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 (CLP).
EC regulation 1907/2006 (REACH).

15.2. **Chemical safety assessment**
No.

16. Other information

Full text of H-phrases as mentioned in section 3:
H225 - Highly flammable liquid and vapour.
H226 - Flammable liquid and vapour.
H304 - May be fatal if swallowed and enters airways.
H312 - Harmful in contact with skin.
H315 - Causes skin irritation.
H317 - May cause an allergic skin reaction.
H319 - Causes serious eye irritation.
H332 - Harmful if inhaled.
H335 - May cause respiratory irritation.
H336 - May cause drowsiness or dizziness.
H361 - Suspected of damaging fertility or the unborn child.
H373 - May cause damage to organs through prolonged or repeated exposure.
H400 - Very toxic to aquatic life.
H410 - Very toxic to aquatic life with long lasting effects.
H411 - Toxic to aquatic life with long lasting effects.
H413 - May cause long lasting harmful effects to aquatic life.
EUH066 - Repeated exposure may cause skin dryness or cracking.

The full text of identified uses as mentioned in section 1:
-

Additional label elements:
-

Other:
In accordance with Regulation (EC) No. 1272/2008 (CLP) the evaluation of the classification of the mixture is based on:
The classification of the mixture in regard of physical hazards has been based on experimental data.
The classification of the mixture in regard of health hazards are in accordance with the calculation methods given by Regulation (EC) No. 1272/2008 (CLP).
The classification of the mixture in regard of environmental hazards are in accordance with the calculation methods given by Regulation (EC) No. 1272/2008 (CLP).
It is recommended to hand over this safety data sheet to the actual user of the product. Information in this safety data sheet cannot be used as a product specification.
The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.

The safety data sheet is validated by:
Flemming Krogh

Date of last essential change:
01. March 2017

Date of last minor change:
01. March 2017