Safety Data Sheet (SDS)

Conforms to Reg. (EC) No 1907/2006, Reg. (EC) No 1272/2008, Reg. (EC) No.453/2010 and their amendments

DATE:2020/12/01

SECTION 1: Identification of the product and the company/undertaking

1.1. Product identifier

Product name: Rubber Solution

Synonyms: Rubber Cement

1.2. Relevant identified uses of the product and uses advised against

1.2.1. Relevant identified uses

Sticky for all rubber repairs.

1.2.2. Uses advised against

Advise against other uses.

1.3. Details of the supplier of the safety data sheet

Supplier name: YING PAIO ENTERPRISE CO.,LTD

Address: No 480-2, Sec. 6, Yen Ping N. Rd., 111070, Taipei, Taiwan

Telephone: +886-2-2812-4515

Fax: +886-2-2813-3016

E-mail: yingpaio@ms17.hinet.net

1.4. Emergency telephone number

Country	Advisory body	Address	Emergency number

SECTION 2: Hazards identification

2.1. Classification of the product

Classification according to Regulation EC No 1272/2008(CLP)

Hazard Codes	Statements
H225	Highly flammable liquid and vapour
H315	Causes skin irritation
H336	May cause drowsiness or dizziness
H411	Toxic to aquatic life with long lasting effects

Other adverse physico-chemical, human health and environmental effects

None

2.2. Label elements

Labelling according to Regulation EC No 1272/2008(CLP)

Hazard pictogram:

Signal word: Danger

Hazard statements:

H225: Highly flammable liquid and vapour.

H315: Causes skin irritation

H336: May cause drowsiness or dizziness.

H411: Toxic to aquatic life with long lasting effects.

Precautionary statements:

Prevention:

P210: Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

P233: Keep container tightly closed.

P240: Ground/bond container and receiving equipment.

P241: Use explosion-proof electrical/ventilating/lighting/ ... /equipment

P242: Use only non-sparking tools.

P243: Take precautionary measures against static discharge.

P261: Avoid breathing dust/fume/gas/mist/vapours/spray.

P264: Wash thoroughly after handling.

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

P273: Avoid release to the environment.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

Response:

P302+P352: IF ON SKIN: Wash with plenty of soap and water

P303+P361+P353: IF ON SKIN (or hair): Remove/Take off immediately al l contaminated clothing. Rinse skin with water/shower.

P304+340: IF INHALE D: Remove victim to fresh air and keep at rest in a position comfortable for breathing

P312: Call a POISON CENTER or doctor/physician if you feel unwell.

P332+P313: If skin irritation occurs: Get medical advice/attention

P362: Take off contaminated clothing and wash before re-use.

P391: Collect spillage.

Storage:

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

P403+P235: Store in a well-ventilated place. Keep cool.

P405: Store locked up.

Disposal: P501: Dispose of contents/container in accordance with local/regional/national/international regulation.

2.3. Other hazards

None

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable.

3.2. Mixture

1. CAS# 2. EC# 3. Index	Name	% w/w	Classification according to (EC) No 1272/2008 (CLP)
1. 108-87-2 2. 203-624-3 3. 601-018-00-7	Methylcyclohexane	85	Flam. Liquid 2; H225 Asp. Toxicity 1; H304 Skin Irritation 2;H315 STOT SE 3;H336 Aquatic Chronic 2;H411
1. 9006-04-6 2. 232-689-0 3. N/A	Rubber, natural	15	Not classified

Full text of R-, H- and EUH-phrases: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation: Move victim to fresh air. If not breathing, give artificial respiration. Get medical attention.

Skin contact: Immediately wash with plenty of soap and water. Get medical attention if irritation occurs.

Eye contact: Immediately flush eyes with running water for at least 20 minutes holding eyelids open. Get medical attention.

Ingestion: Do not induce vomiting. Give 1-2 glasses of water to a conscious victim. Never give anything by mouth to an unconscious victim. Get medical attention.

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

Inhaled:

The material is not thought to produce adverse health effects or irritation of the respiratory tract (as classified by E C Directives using animal models).Nevertheless, good hygiene practice requires that exposure be kept to a minimum and that suitable control measures be used in an occupational setting.

Ingestion:

Although ingestion is not thought to produce harmful effects (as classified under E C Directives), the material may still be damaging to the health of the individual, following ingestion, especially where pre-existing organ (e.g liver, kidney) damage is evident. P resent definitions of harmful or toxic substances are generally based on doses producing mortality rather than those producing morbidity (disease, ill-health).

Skin Contact:

The material is not thought to produce adverse health effects or skin irritation following contact (as classified by EC Directives using animal models).Nevertheless, good hygiene practice requires that exposure be kept to a minimum and that suitable gloves be used in an occupational setting.

Eye:

When applied to the eye(s) of animals, the material produces severe ocular lesions which are present twenty-four hours or more after Instillation.

Chronic:

Long-term exposure to the product is not thought to produce chronic effects adverse to health (as classified by EC Directives using animal models); nevertheless exposure by al l routes should be minimised as a matter of course.

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

Get medical attention and treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Foam.

Dry chemical powder.

BCF (where regulations permit).

Carbon dioxide.

Use extinguishing media suitable for surrounding area.

5.2. Special hazards arising from the product

Fire Incompatibility: Avoid contamination with oxidising agents i.e. nitrates, oxidising acids, chlorine bleaches, pool chlorine etc. as ignition mayResult.

5.3. Advice for firefighters

Alert Fire Brigade and tell them location and nature of hazard.

Wear breathing apparatus plus protective gloves.

Prevent, by any means available, spillage from entering drains or water courses.

Use water delivered as a fine spray to control fire and cool adjacent area.

DO NOT approach containers suspected to be hot.

Cool fire exposed containers with water spray from a protected location.

Only when safe to do so, remove containers from path of fire.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Wear chemical goggles and chemical resistant gloves.

6.1.2. For emergency responders

Wear breathing apparatus plus protective gloves. Remove ignition sources and provision of sufficient ventilation, evacuate the danger area and consult experts.

6.2. Environmental precautions

Take precautions to prevent entry into waterways, sewers, or surface drainage systems. Dispose according to local or international regulations.

6.3. Methods and material for containment and cleaning up

Use appropriate tools to put the spilled chemicals in suitable container for recovery or disposal.

6.4. Reference to other sections

Refer to Section 8 for Personal Protective Equipment advice.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Do not handle until all safety precautions have been read and understood. Do not eat, drink or smoke when using this product.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: aluminium tube Refer to section 10.
Storage incompatibility: Avoid reaction with strong acid, alkali and oxidizing agents.

7.3. Specific end use(s)

Apart from the uses mentioned in section 1.2, no other specific uses are stipulated.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Substance	Methylcyclohexane			
CAS No.	108-87-2			
	Limit value - Eight hours		Limit value - Short term	
	ppm	mg/m³	ppm	mg/m³
Australia	400	1610		
Austria	400	1600	1600	6400
Belgium	400	1633		
Canada - Ontario	400			
Canada - Québec	400	1610		
Denmark	200	805	400	1610
European Union				
France	400	1600		
Germany (AGS)	200	810	400	1620
Germany (DFG)	200	810	400	1620
Hungary				
Ireland	400	1600		
Italy				
Japan				
Latvia				
New Zealand	400	1610		
Poland		1600		3000

Singapore	400	1610		
South Korea	400	1600		
Spain	400	1630		
Sweden				
Switzerland	400	1600	800	3200
The Netherlands				
USA - NIOSH	400	1600		
USA - OSHA	500	2000		
United Kingdom	196	800		

8.2. Exposure controls

Engineering controls are used to remove a hazard or place a barrier between the worker and the hazard. Well-designed engineering controls can be highly effective in protecting workers and will typically be independent of worker interactions to provide this high level of protection.

The basic types of engineering controls are:

Process controls which involve changing the way a job activity or process is done to reduce the risk.

Enclosure and/or isolation of emission source which keeps a selected hazard "physically" away from the worker and ventilation that strategically "adds" and "removes" air in the work environment.

General Personal Protection: Safety goggles or face shield, chemical resistant gloves, protective clothing and apparatus.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	liquid
Colour:	Clourless
Odour:	Characteristic
pH:	No data available
Melting point/freezing point:	No data available
Boiling point:	100
Flash point:	-4
Vapour pressure:	No data available
Relative density:	No data available
Water solubility:	No data available
Partition coefficient (n-octanol/water):	No data available
Auto-ignition temperature:	No data available
Flammability:	Flammable
Upper/lower explosive limits:	No data available
Explosive properties:	No data available
Oxidising properties:	No data available
Dissociation constants:	No data available
Surface tension:	No data available
Viscosity:	458 mm2/s@40°C

9.2. Other information

No data available.

SECTION 10: Stability and reactivity

10.1. Reactivity

May react with strong acid, alkali, oxidizing agents and incompatible materials.

10.2. Chemical stability

Product is considered stable during storage and transporation under normal condition.

10.3. Possibility of hazardous reactions

Hazardous reactions may occur if contact with incompatible material.

10.4. Conditions to avoid

High temperature, ignition sources (sparks, flames, static), incompatible materials.

10.5. Incompatible materials

Strong acid, alkali and oxidizing agents

10.6. Hazardous decomposition products

On combustion or thermal decomposition, may emit toxic fumes.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

No data available for the mixture.

SECTION 12: Ecological information

12.1. Aquatic toxicity

No data available for the mixture.

12.2. Persistence and degradability

Biodegradation:	No data available
Abiotic degradation:	No data available

12.3. Bioaccumulative potential

Bioconcentration factor (BCF):	No data available

12.4. Mobility in soil

Distribution to environmental compartments:	No data available
Adsorption/Desorption:	No data available

12.5. Results of PBT and vPvB assessment

No data available.

12.6. Other adverse effects

No data available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product disposal: refer to specific national regulation.

Contaminated packaging: contaminated, empty containers must be disposed of as chemical waste.

SECTION 14: Transport information

Based on available information, the product is not considered as dangerous goods and the UN recommendation on the transport of dangerous goods does not necessarily apply, however, it is highly recommended to get professional advice for appropriate transport.

Label required

None

Land transport (ADR / RID / GGVSE)

14.1 UN number	1133	
14.2 UN proper shipping name	ADHESIVES	
14.3 Transport hazard class(es)	3	
14.4 Packing group	II	
14.5 Environmental hazards	None	
14.6 Special precautions for user	Hazard identification (Kemler)	33
	Classification Code	F1
	Hazard Label	3
	Special provisions	640C
	Add limited quantity	5L

Air transport (ICAO-IATA / DGR)

14.1 UN number	1133	
14.2 UN proper shipping name	ADHESIVES	
14.3 Transport hazard class(es)	ICAO/IATA Class: 3	
	ICAO/IATA Subrisk: None	
	ERG Code 3L	
14.4 Packing group	II	
14.5 Environmental hazards	None	
14.6 Special precautions for user	Special provisions	A3
	Cargo Only Packing Instructions	364
	Cargo Only Maximum Qty /Pack	60L
	Passenger and Cargo Packing Instructions	353
	Passenger and Cargo Maximum Qty / Pack	5L
	Passenger and Cargo Limited Quantity Packing Instructions	Y341
	Passenger and Cargo Maximum Qty / Pack	1L

Sea transport (IMDG-Code / GGVSee)

14.1 UN number	1133	
14.2 UN proper shipping name	ADHESIVES	
14.3 Transport hazard class(es)	3	
14.4 Packing group	II	
14.5 Environmental hazards	None	
14.6 Special precautions for user	EMS Number	F-E ,S-D
	Special provisions	None
	Limited Quantities	5L

Inland waterways transport (ADNR / River Rhine)

14.1 UN number	1133	
14.2 UN proper shipping name	ADHESIVES	
14.3 Transport hazard class(es)	3	
	ADNR Label: 3	
14.4 Packing group	II	
14.5 Environmental hazards	None	
14.6 Special precautions for user	Classification code	F1
	Limited quantity	LQ3
	Equipment required	No data available
	Fire cones number	1

14.7. Transport in bulk according to Annex II of MARPOL 73 / 78 and the IBC code

No data available

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

This safety data sheet is in compliance with the following EU legislation and its adaptations - as far as applicable - 67/548/EEC, 1999/45/EC, Regulation (EC) No 1272/2008, Regulation (EC) No 1907/2006, 98/24/EC, 92/85/EEC, 94/33/EC, 91/689/EEC and 1999/13/EC.

15.1.2. International/national regulations

UN recommendation on the transport of dangerous goods.

15.1.3. Regulation for ingredients

None

15.2. Chemical safety assessment

No chemical safety assessment report was provided for this safety data sheet compilation.

SECTION 16: Other information

16.1 Key literature references and sources for data

- ESIS (European chemical Substances Information System), *http://esis.jrc.ec.europa.eu/*
- Information on Chemicals in ECHA website, *http://echa.europa.eu/information-on-chemicals*
- IFA GESTIS - International limit values for chemical agents - Occupational exposure limits (OELs), *http://www.dguv.de/ifa/en/gestis/limit_values/index.jsp*

16.2 List of relevant hazard statements and risk phrases

H phrase H304: May be fatal if swallowed and enters airways.

16.3 Other

This product should be stored, handled and used in accordance with good industrial hygiene practices and in conformity with any legal regulation. Many factors determine whether the reported Hazards are Risks in the workplace or other settings. Risks may be determined by reference to Exposures Scenarios. Scale of use, frequency of use and current or available engineering controls must be considered.

For detailed advice on Personal Protective Equipment, refer to the following EUCEN Standards:

EN 16 Personal eye-protection
EN 340 Protective clothing
EN 374 Protective gloves against chemicals and micro-organisms
EN 13832 Footwear protecting against chemicals
EN 133 Respiratory protective devices

The information presented in this SDS is based on our current knowledge and available data as of the issue date, and is only intended to describe the product for the purposes of protecting human health and environment from potential hazard. It should not therefore be construed as guaranteeing any specific property of the product.