

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:2015/7/30

Product name: Rubber solution

Synonyms: Rubber Cement

Sticky for all rubber repairs.

Advise against other uses.

Supplier name: YING PAIO ENTERPRISE CO.,LTD

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Country

Advisory body

Address

Emergency number

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

None

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Product Name: 1,4-Dioxane

Product Number: 1,4-Dioxane-7, 453 2010-1-1

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 all 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.

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

None

Not applicable.

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

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

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.

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. Present definitions of harmful or toxic substances are generally based on doses producing mortality rather than those producing morbidity (disease, ill-health).

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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 all routes should be minimised as a matter of course.

Get medical attention and treat symptomatically.

Foam.

Dry chemical powder.

BCF (where regulations permit).

Carbon dioxide.

Use extinguishing media suitable for surrounding area.

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

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.

Wear chemical goggles and chemical resistant gloves.

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

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

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

Refer to Section 8 for Personal Protective Equipment advice.

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

Storage conditions: aluminium tube Refer to section 10.

Storage incompatibility: Avoid reaction with strong acid, alkali and oxidizing agents.

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

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

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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		

Engineering 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.

Physical state: liquid
Colour: Colourless
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

Physical state: liquid
Colour: Colourless
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
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May react with strong acid, alkali, oxidizing agents and incompatible materials.

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

Hazardous reactions may occur if contact with incompatible material.

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

Strong acid, alkali and oxidizing agents

On combustion or thermal decomposition, may emit toxic fumes.

No data available for the mixture.

No data available for the mixture.

Biodegradation: No data available

Abiotic degradation: No data available

Bioconcentration factor (BCF): No data available

Distribution to environmental compartments: No data available

Adsorption/Desorption: No data available

No data available.

No data available.

Product disposal: refer to specific national regulation.

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

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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.

None

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	64GC
	Add limited quantity	5L

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

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

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

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No data available

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.

UN recommendation on the transport of dangerous goods.

None

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

- 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),

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

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.