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正本/ORIGIN

编号: TCH25004465  
No: TCH25004465  
日期: 2025-03-05  
Date: 2025-03-05

ZAIQ-RF(HH)-01-19

# Safety Data Sheet

扫描查看在线报告



Applicant name: Ningbo Sunsoul Auto Accessories Co., Ltd

Product name: Tire repair tools kit (Tire vulcanizing cement)

Date of issue: 2025-03-05

Edit institution: Technology Center of Hangzhou Customs District

Approver:



- Note: 1. Unless other wise stated, this test report is only responsible for the sample(s).  
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## 声 明

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This report shall be used in integrity. This organization will not be responsible for any misleading caused by the content of this report.

## 1. Identification of substance

Product Name	Tire repair tools kit (Tire vulcanizing cement)
Trade Name	None
Chemical Name	None
Recommended Use	Used for tire repairing
Supplier	Ningbo Sunsoul Auto Accessories Co., Ltd
Address	Gaofeng Village, Gaoqiao Town, Haishu District, Ningbo, China /315174
Phone Number	+86-0574-81858937
Fax Number	None
WEB or E-mail	None
Emergency Number	Phone +86-15888035517 or call your nearest poison control centre

## 2. Hazards identification

GHS classification	Flammable liquids 2 Germ cell mutagenicity 1B Carcinogenicity 1B Aspiration hazard 1 Hazardous to the aquatic environment, acute hazard 2 Hazardous to the aquatic environment, long-term hazard 2
GHS Pictograms	
Signal words	Danger
Hazard statements	H225:Highly flammable liquid and vapour H340:May cause genetic defects H350:May cause cancer H304:May be fatal if swallowed and enters airways H401:Toxic to aquatic life H411:Toxic to aquatic life with long lasting effects
Precautionary Statement Prevention	P203:Obtain, read and follow all safety instructions before use. P210:Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P233:Keep container tightly closed. P240:Ground and bond container and receiving equipment. P241:Use explosion-proof electrical/ventilating/lighting/.../equipment. P242:Use non-sparking tools. P243:Take action to prevent static discharges. P273:Avoid release to the environment. P280:Wear protective gloves/protective clothing/eye

Precautionary Statement Response	protection/face protection/hearing protection/... P301+P316:IF SWALLOWED: Get emergency medical help immediately. P303+P361+P353:IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse affected areas with water[or shower]. P318:IF exposed or concerned: Get medical advice. P331:Do NOT induce vomiting. P370+P378:In case of fire, use appropriate media to extinguish. P391:Collect spillage.
Precautionary Statement Storage	P403+P235:Store in a well-ventilated place. Keep cool. P405:Store locked up.
Precautionary Statement Disposal	P501:Dispose of contents/container in according with local regulation.
Other hazards which do not result in classification	Not available.

### 3. Composition/information on ingredients

#### ☐ Substances

#### ☒ Mixtures

#### Component Information

Component	CAS number	EINECS number	Mass(%wt)
Solvent oil No.120	8032-32-4	232-453-7	90
Natural rubber	9003-31-0	618-362-9	10

Note: 1. Unless a component presents a severe hazard, it does not need to be considered in the SDS if the concentration is less than 1%.

### 4.First-aid measures

NOTE TO PHYSICIAN	In case of shortness of breath, give oxygen. Keep victim warm. Keep victim under observation. Symptoms may be delayed.
After inhalation	Move to fresh air. Oxygen or artificial respiration if needed. Get immediate medical attention.
After skin contact	Immediately flush skin with plenty of water. Remove and isolate contaminated clothing and shoes. If irritation persists, get medical attention immediately. For minor skin contact, avoid spreading material on unaffected skin. Wash clothing separately before reuse.
After eye contact	First rinse with plenty of water for several minutes (remove contact lenses if easily possible). Assure adequate flushing of the eyes by separating the eyelids with fingers. Get medical attention immediately.
After ingestion	Rinse mouth with water immediately and drink plenty of water. Do not induce vomiting without medical advice. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration. Loosen tight clothing such as a collar, tie, belt or

Most important symptoms/effects, acute and delayed	<p>waistband. Do not use mouth-to-mouth method if victim ingested the substance. Seek immediate medical attention. May cause genetic defects. May cause cancer. May be fatal if swallowed and enters airways.</p> <p>Acute poisoning: Exposure to high concentrations of petroleum ether (Solvent oil No.120) vapor can cause anesthesia symptoms and irritation to the eyes, respiratory mucosa, and skin. Inhaling petroleum ether (Solvent oil No.120) vapor causes hypoxia and death due to the exclusion of oxygen in the lungs. Petroleum ether (Solvent oil No.120) has a stimulating effect on the skin. Inhalation of liquid this product into the respiratory tract can cause aspiration pneumonia. Chronic poisoning: mainly manifested as multiple peripheral neuropathy. Headache, dizziness, loss of appetite, and weakness; Progressive sensory abnormalities in the distal limbs, especially in the lower limbs, with reduced sensation of touch, pain, vibration, and position, and numbness; Muscle weakness, pain, tremors in the limbs, and decreased tendon reflexes. The electromyography examination showed multiple peripheral neuropathies and a decrease in motor nerve conduction velocity.</p>
5. Fire-fighting measures	
<p>Suitable extinguishing agents</p> <p>Special hazards caused by the material, its products of combustion or flue gases</p> <p>Protective equipment for fire-fighters</p>	<p>Foam, dry powder, carbon dioxide. Water spray can be used to cool closed containers.</p> <p>Highly flammable liquids whose vapor-air mixtures can burn or explode in case of an open flame.</p> <p>Can be released in case of fire: carbon oxides, underburned hydrocarbons.</p> <p>Wear full protective clothing, including helmet, self-contained positive pressure or pressure demand breathing apparatus, protective clothing and face mask.</p>
6. Accidental release measures	
<p>Person-related safety precautions</p> <p>Measures for environmental protection</p> <p>Measures for cleaning/collecting</p>	<p>Ensure adequate ventilation. Remove all sources of ignition. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering. Keep unnecessary personnel away.</p> <p>Prevent further leakage or spillage if safe to do so. Do not allow material to be released to the environment without proper governmental permits.</p> <p>If there is a large amount of overflow, cover the inlet of the sewer and build a protective embankment to prevent the overflow from flowing into the sewer or water environment. Seal the container. Evacuate unprotected personnel. Extinguish all ignition sources. Ventilate the workplace with fresh air. In</p>

Additional information	<p>case of large spills or in confined spaces, use mechanical ventilation to disperse and vent vapors. Cover with inorganic absorbent. Collect the produced solution containing residues in a container and dispose of as soon as possible.</p> <p>See Section 7 for information on safe handling</p> <p>See section 8 for information on personal protection equipment.</p> <p>See Section 13 for information on disposal.</p>
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## 7. Handling and storage

### Handling

Information for safe handling

Avoid contact with skin, eyes, mucous membranes and clothing. In case of insufficient ventilation, wear suitable respiratory equipment.

Information about protection against explosions and fires

Avoid breathing dust/fume/gas/mist/vapours/spray. Eating, drinking and smoking should be prohibited strictly in the operation, storage, and processing areas. Workers should wash hands and face before eating, drinking and smoking. Empty containers may contain harmful residues.

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

Take measures to prevent the build up of electrostatic charge. Use explosion-proof electrical/ventilating/lighting/.../equipment.

### STORAGE

Requirements to be met by storerooms and containers

Store in a cool, well-ventilated warehouse without direct sunlight. Keep cool. Keep away from fire and heat sources. Store separately from oxidants, acids, alkalis and feed, and avoid mixed storage. Store in original container, keep container tightly closed when not in use. Regularly inspect all containers to ensure clear labels and containers are free of damage and leaks. When storing in large quantities, the corresponding variety and quantity of fire fighting equipment and ventilation facilities should be provided.

Information about storage in one common storage facility

Separate from strong oxidants.

Further information about storage conditions

No data.

## 8. Exposure controls/personal protection

Limit Values for Exposure

Component	CAS number	ACGIH TLV-TWA	ACGIH TLV-STEL	NIOSH REL-TWA	NIOSH REL-STEL
Solvent oil No.120	8032-32-4	N.E.	N.E.	350 mg/m <sup>3</sup>	N.E.
Natural rubber	9003-31-0	N.E.	N.E.	N.E.	N.E.

Appropriate engineering controls	Facilities storing or utilizing this material should be equipped with an eyewash and a safety shower facility. Use adequate ventilation to keep airborne concentrations low.
General protective and hygienic measures	Do not get this material in contact with skin. Do not get this material on clothing. Avoid contact with eyes. Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.
Personal protective equipment	Splash goggles, gloves, lab coat and respirator or mask.
Breathing equipment	When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.
Protection of hands	Wear appropriate chemical resistant gloves.
Eye/Face protection	Use safety glasses with side shields or safety goggles as mechanical barrier for prolonged exposure.
Body protection	Full set of anti chemical reagent overalls, flame retardant antistatic protective clothing, choose body protection according to the amount and concentration of the dangerous substance at the work place.

Note:1. N.E. not established.

### 9.Physical and chemical properties

Physical state	Liquid
Colour	Colorless to slight yellow
Odour	Pungent odour
Melting point/freezing point	No data available
Boiling point or initial boiling point and boiling range	>35 °C
Flammability	Highly flammable
Lower and upper explosion limit/flammability limit	No data available
Flash point	<23 °C (Closed cup)
Auto-ignition temperature	No data available
Decomposition temperature	No data available
pH	No data available
Kinematic viscosity	No data available
Solubility	No data available
Partition coefficient: n-octanol/water (log value)	No data available
Vapour pressure	No data available

Density and/or relative density (water=1)	ca. 1.4 g/ml
Relative vapour density (air=1)	No data available
Particle characteristics	Not applicable

#### 10. Stability and reactivity

Reactivity	No data available
Chemical stability	Stable under recommended conditions of storage.
Possibility of hazardous reactions	Not polymerized.
Conditions to avoid (e.g. static discharge, shock or vibration)	Incompatible materials, high heat, open fire, light and other sources of ignition.
Incompatible materials	Strong oxidants.
Hazardous decomposition products	Carbon oxides, underburned hydrocarbons.

#### 11. Toxicological information

Routes of Entry: Dermal contact, eye contact, inhalation, ingestion.	
Acute Toxicity	
Solvent oil No.120 (CAS 8032-32-4)	LD50 (Oral, rat): >5000 mg/kg LC50 (Inhalation, rat): >5.61 mg/l (4 h) LD50 (Dermal, rabbit): >2000 mg/kg
Skin corrosion/Irritation	Not classified
Serious eye damage/irritation	Not classified
Respiratory or skin sensitization	Not classified
Germ cell mutagenicity	May cause genetic defects.
Carcinogenicity	May cause cancer.
Reproductive toxicity	Not classified
STOT-single exposure	Not classified
STOT-repeated exposure	Not classified
Aspiration hazard	May be fatal if swallowed and enters airways.
Chronic Effects	Not classified
Further Information	None

#### 12. Ecological information

Ecotoxicity	
Aquatic Toxicity	Test & Species
	96 Hr LC50 fish: N/A
	48 Hr EC50 Daphnia: N/A
	72 Hr EC50 Algae: N/A
Persistence and degradability	Not available
Bioaccumulative potential	Not available



Mobility in soil	Not available
Additional Information	Toxic to aquatic life with long lasting effects.

### 13. Disposal considerations

#### WASTE DISPOSAL INSTRUCTIONS

Contact a qualified professional waste disposal service to dispose of this material.  
Dispose of in accordance with local environmental regulations or local authority requirements.

### 14. Transport information

The Recommendation of Transport of Dangerous Goods (TDG)

UN Number	UN 1133
Proper Shipping Name	ADHESIVES containing flammable liquid
Class/Division	Class 3 Flammable Liquids
Package Group	PG II
Subsidiary risk	—
labelling pictogram	



Maritime transport IMDG	Being same with TDG
	Marine pollutant (Yes/No): Yes
Air transport ICAO-TI and IATA-DGR	Being same with TDG

### 15. Regulatory information

#### European/International Regulations

**OSHA:** Hazardous by definition of Hazard Communication Standard (29CFR 1910.1200).

**EINECS Status:** The main components of this chemical (Except Natural rubber) are included in EINECS inventory.

**EPA TSCA Status:** The main components of this chemical are included in TSCA inventory.

**Canadian DSL (Domestic Substances List):** The main components of this chemical are included in DSL.

**HMIS (Hazardous Material Identification System Ratings):**

Health:	2
Flammability:	3
Physical hazard:	0
Personal protection:	J
(4. Severe Hazard; 3. Serious Hazard; 2. Moderate Hazard; 1. Slight Hazard; 0. Minimal Hazard)	

**WHMIS (Canadian  
Workplace Hazardous  
Material Identification  
System Ratings):**  
**GB 12268-2012 List of  
dangerous goods**

B2, D2A (Solvent oil No.120).

This product is a dangerous goods on the GB 12268-2012 list of dangerous goods.

16. other information

Employers should use this information only as a supplement to other information gathered by them, and should make independent judgment of suitability of this information to ensure proper use and protect the health and safety of employees. This information is furnished without warranty, and any use of the product not in conformance with this Material Safety Data Sheet, or in combination with any other product or process, is the responsibility of the user.

This Material Safety Data Sheet was based on the "Globally Harmonized System of Classification and Labelling of Chemicals", "Recommendations on the TRANSPORT OF DANGEROUS GOODS Model Regulations", "INTERNATIONAL MARITIME DANGEROUS GOODS CODE", "International Air Transport Association Dangerous Goods Regulations", the National Standards and other related dangerous chemicals management laws, regulations and standards, which are periodically updated and changed. To make dangerous goods / hazardous chemicals comply with the relevant requirements of the latest management, regularly update is recommended.

This Material Safety Data Sheet has been compiled in both English and Chinese. For any discrepancies, the Chinese version shall prevail.

**Abbreviations and  
acronyms**

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road  
RID: Regulations Concerning the International Transport of Dangerous Goods by Rail  
IMDG: International Maritime Code for Dangerous Goods  
IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)  
ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)  
EINECS: European Inventory of Existing Commercial Chemical Substances  
CAS: Chemical Abstracts Service  
LC50: Lethal concentration, 50 percent  
LD50: Lethal dose, 50 percent  
EC50: Effective concentration, 50 percent

**Edit Date**

05.03.2025

**Update and Revise**

Original edition

**Edit Standard**

*Globally Harmonized System of Classification and Labelling of Chemicals* Part 1.5

**Revised Institution**

Technology Center of Hangzhou Customs District