

TIRE RECLAIMED RUBBER MSDS

Section 1: Chemical Products and Company Identification

Product Name: Environment-friendly Refined Top-grade Tire
Reclaimed Rubber

Company: Fujian Huanke Chemical Rubber Group Co., Ltd

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CAS#: not available

Section 2: Composition and Information on Ingredient

Pure() Compound(√)

Name: Environment-friendly refined top-grade tire reclaimed
rubber

Hazards composition content (unit:mg/kg) CAS NO.

Sum of 16 PAH

≤200

not available

Section 3: Hazards Identification

Dangerous Level: Flammable solid.

Potential Health Effect: Inhalation, ingestion, skin contact,
eyes contact.

Health Hazards: Eye contact and ingestion is the main effect
way. Very small number of people will cause red spots and other
allergic phenomena for skin contact. Eating will cause damage
to digestive tract, inhaled combustion exhaust gas will caused
nasal irritation, dizziness and headache

Environment hazards: Pollution to the environment, water and
soil, and pollution to the air when burning

Explosion danger: Flammable when met with high fever, fire,
strong oxidants.

Section 4: First Aid Measures

Skin contact: wash off the contacted clothes, immediately wash
the contacted skin thoroughly with soap and water, allergies
require medical treatment.

Eye contact: immediately filed eyelid, with plenty of water or

saline flush at least 15 minutes, serious medical treatment immediately.

Inhalation: rapidly out of the scene and go for fresh air. Keep the airway clear. If breathing difficult, give oxygen. Once breathing stopped, artificial respiration immediately, and required medical treatment.

Ingestion: stuck a finger to promote vomiting, rinse immediately, and sent to hospital for treatment.

Section 5: Fire Fighting Measures

Hazardous characteristics: flammable and have risk when met a fire, heat, strong oxidants.

Hazardous combustion products: carbon dioxide, carbon monoxide.

Fire fighting methods and extinguishing agents: can use foam, carbon dioxide, dry powder, mist water, 1211 fire. Small area of fire, mist water can generally fight; also can gland with sand; more effective when use foam, dry powder, carbon dioxide fire extinguishing. It can use foam, carbon dioxide, dry powder, sand too. The best fire fighting method is using anti-insoluble foam.

Fire precautions and measures: fire rescue personnel should

wear positive pressure self-contained breathing apparatus (oxygen, air, chemical oxygen breathing apparatus are acceptable), wear fireproof clothing.

Section 6: Spill Contingency

Emergency measures: Environment-friendly refined top-grade tire reclaimed rubber is in solid and lump form, if it omission on the ground, just wear glove to pick it up, clean the adhesion of the impurity on the surface and re-place it to the right storage area.

Section 7: Handling and Storage

Handling Precautions: operators wear masks, gloves and other PPE, no other special operating requirements

Storage Precautions: keep it away from acid, alkali, oil and other substances affecting the quality of product, the environment temperature should below 40°C, and 1m away from the hit source, 10~20cm from the ground and wall at least. Prevent moisture, sun, fire and make sure it in a clean environment. It should be covered during transport, prevent from moisture,

sun and other dirty environment and do not mix transport with acid, alkali, oil and other substances affecting the quality of products.

Section 8: Exposure controls/personal protection

Maximum Allowable Concentration: China, without standard.

Monitoring Methods: gas chromatography.

Project Control: Production process should be exhaust ventilation. Safety shower and eye wash facilities available.

Respiratory Protection: The operator should wear a mask.

Eyes Protection: no need special protection.

Body Protection: No need special requirements.

Protective Hand: No need special requirements

Other Protection: prohibit smoking, eating and drinking in work place. Avoid of drinking alcoholic beverages before working, take a shower after work. Conduct pre-employment and periodic medical examinations.

Section 9: Physical and Chemical Properties

Physical State and Appearance: black lump solid.

PH(1% soln/ water): not available

Melting Point (°C): not available.....

Specific Gravity (water=1): 1.20

Boiling Point (°C): not available

Relative Vapor Density (air=1): not available

Flash Point (°C): not available

Upper Explosive Limit% (V / V): not available

Ignition Temperature (°C): not available

Explosive Limit% (V / V): not available

Solubility: insoluble in water, soluble in alcohol, ether, acetone, chloroform and other organic solvents.

Uses: mainly used for the goods inside and outside the tire, bridge bearings, belt, water stop, shoes, hose, cable skin both inside and outside and other kinds of rubber products which human body is not in direct contact.

Section 10: Stability and Reactivity Data

Stability: State

Mix Prohibited Materials: strong acid, alkali, organic solvents.

Conditions Avoided: fire, heat.

Polymerization Hazard: The non-aggregate.

Decomposition Products: carbon monoxide, carbon dioxide

Section 11: Toxicological Data

Acute toxicity:

LD50: not available.

LC50: not available.

Stimulate resistance: not available.

Mutagenicity: not available.

To Cancer: not available.

Section 12: Ecological Information

Ecotoxicity: not available.

Biodegradation: not available.

Non-biodegradable: not available.

Other harmful effects: harmful to the environment, special attention should be on surface water, soil, air pollution.

Section 13: Waste Disposal

Waste characteristics:

Hazardous waste () Industrial solid waste (✓)

Waste Disposal Method: suggested mixing recycled.

Waste Note: No special requirements

Section 14 Transportation Information

UN No.: Not available

Packaging Flag: flammable solids.

Packing Type: Bag

Packing: According to customer requirements, no special requirements, the company uses plastic film packaging

Section 15 Regulatory Information

Not available

Section 16 Other Information

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