



Pony Testing International Group

Report No.: W06042020216D

# SDS Report

Sample Description

Micro-paving Cold Mix Color Asphalt

---

Applicant

Go Green Industrial (Shanghai) Co., Ltd

---

Pony Testing International Group

[www.ponytest.com](http://www.ponytest.com)

## Safety Data Sheet (SDS)

according to ISO11014:2009

Micro-paving Cold Mix Color Asphalt

### Section 1 - Chemical Product and Company Identification

**Sample Name:** Micro-paving Cold Mix Color Asphalt

**Recommended uses:** Road maintenance and paving

**Company Identification:** Go Green Industrial (Shanghai) Co., Ltd

**Address:** Rm 808, Yongye Building, No.2240 South Pudong Road, Pudong New District, Shanghai, China.

**Tel:** +86-21-61053027

**Fax :** +86-21-51876819

**E-mail:** sales@go-green.com.cn

**Post code:** 2000127

**Contact Person:** Paris Lau

**Emergency Telephone:** +86-21-61053027

### Section 2 – Hazards Identification

#### EMERGENCY OVERVIEW

**Physical and chemical hazards:** This product is not combusive.

**Human health hazards:** This product should not present a health hazard when used under reasonable conditions.

**Environment hazards:** N/A

**Specific hazards:** N/A

**UN Classification:** None.

**European Classification in Accordance with EC Directives 1999/45/EC:** None.

**Important symptoms:** See Section 11 for more information.

**An outline of an anticipated emergency:** In case of accident or if you feel unwell, seek medical advice immediately. See Section 4 for more information.

### Section 3 – Composition, Information on Ingredients

**General Chemical Description:** This chemical product is a mixture.

**Composition, Information on Ingredients:**

Chemical Name	Percent (by weight)	CAS No.	EC#
Basalt	85%-93%	N/A	N/A
Asphalt	4%-6%	8052-42-4	232-490-9
Additives	1%	N/A	N/A
Iron Oxide Red	2%-4%	1332-37-2	215-570-8

Please refer to section 16 for an overview of all R-phrases mentioned here.

## Section 4 - First Aid Measures

**Inhalation:** If inhaled, remove to fresh air. Seek medical aid if cough or other symptoms appear.

**Skin:** If a reaction with skin contact occurs, remove the contaminated clothing. Wash the affected area with water. Get medical aid if irritation develops or persists. Abrasions should be treated promptly with thorough cleansing of the affected area.

**Eyes:** In case of contact, immediately flush eyes with water for at least 15 minutes, occasionally lifting the upper and lower eyelids. **DO NOT** rubbing eyes with hand. Check for and remove any contact lenses if easily possible. Get medical aid if symptoms occur.

**Ingestion:** Ingestion of this material is unlikely. If it does occur, get medical aid.

**Most important acute and delayed symptoms/effects:** See Section 11 for more information.

**Protection of first-aiders:** Use proper personal protective equipment as indicated in Section 8.

**Note To Physicians:** Treat symptomatically and supportively.

## Section 5 - Fire Fighting Measures

**Extinguishing Media:** Use extinguishing powder or foam, Carbon dioxide

**Specific Hazards:** The product is not combustive.

**Specific Extinguishing Methods:** Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Approach fire from upwind to avoid hazardous vapors and toxic decomposition products. Move containers from fire area if this can be done without risk. Prevent run off from fire control dilution from entering streams or drinking water supply.

**Protective Equipment:** As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.

## Section 6 - Accidental Release Measures

**Person-related Safety Precautions:** Review Section 5 and Section 7 sections before proceeding with clean-up. Use proper personal protective equipment as indicated in Section 8.

**Measures for Environmental Protection:** Avoid dispersal of spilled material and runoff and contact with soil, water ways, drains and sewers.

**Measures for Cleaning/Collecting:** Remove all sources of ignition. Stop leak if safe to do so. Move containers from spill area. Collect up, and then place into a suitable container for disposal or recycle.

## Section 7 - Handling and Storage

**General Information:** This product should be stored, handled and used in accordance with good industrial hygiene practices and in conformity with any legal regulation. Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Wash hands thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period.

**Handling:** Ensure good local exhaust ventilation. Handle and open container with care. Keep container closed and away from incompatible substances

(see section 10), food and drink. Avoid contact with eyes. Avoid prolonged or repeated contact with skin. Avoid ingestion and inhalation. The work area should be equipped with the corresponding species emergency equipments.

**Storage:** Keep container closed when not in use. Store in a cool, dry, well-ventilated area away from incompatible substances (see section 10), food and drink. Avoid sprinkling the granule, preventing fall. Treat carefully, avoid physical damage to containers. The storage area should be equipped with the corresponding species and quantity of emergency equipment.

## Section 8 - Exposure Controls, Personal Protection

### **Exposure Limit:**

**Composition:** CAS# 8052-42-4

- TLV-TWA 0.5 mg/m<sup>3</sup> (ACGIH, asphalt fume as benzene-soluble aerosol)
- REL- Ceiling 5 mg/m<sup>3</sup> (NIOSH, 15 min)

**Monitoring Methods:** No information found.

**Engineering Controls:** Use adequate ventilation to keep airborne concentrations low. Equipped with safety shower and eyes bath.

### **Personal Protective Equipment:**

- Ø **Respiratory Protection:** No special requirement under normal use. An appropriate respirator or mask should be used whenever workplace conditions warrant a respirator's use. A full face positive pressure supplied-air respirator or a self contained breathing apparatus should be used when fire.
- Ø **Hand Protection:** No special requirement under normal use. It is recommended to wear appropriate protective gloves when there is the risk of greater exposure.
- Ø **Eyes:** No special requirement under normal use. Use appropriate safety glasses when there is the risk of contact.
- Ø **Skin and Body Protection:** No special requirement under normal use. It is recommended to wear appropriate protective clothing when there is the risk of greater exposure.
- Ø **Other Protection:** To maintain good health habits. Smoking should be prohibited in areas where this material is stored.

## Section 9 - Physical and Chemical Properties

**Physical State:** Red viscous solid, with special odor.

**pH:** N/A.

**Melting range:** N/A

**Freezing Point:** N/A

**Boiling Point:** N/A

**Flash Point:** N/A

**Explosive limits, vol% in air:** N/A

**Vapor Pressure:** N/A

**Vapor Density (Air=1):** N/A

**Relative density of the vapour/air-mixture at 20°C (air=1):** N/A

**Density:** N/A

**Solubility:** N/A

**Octanol/water partition coefficient as log Pow:** N/A

**Auto-ignition Temperature:** N/A

**Decomposition temperature:** N/A

**Odour threshold:** N/A

**Evaporation rate:** N/A

**Viscosity:** N/A

## Section 10 - Stability and Reactivity

**Chemical Stability:** Stable under normal storage and handling conditions.

**Possibility of hazardous reactions:** Has not been reported.

**Conditions to Avoid:** Incompatible materials, dust generation.

**Incompatibilities with Other Materials:** Strong bases, Strong acids, Strong oxidizing agents.

**Hazardous Decomposition Products:** Irritating and toxic gas.

**Hazardous Polymerization:** Has not been reported.

## Section 11 - Toxicological Information

Report ID: W06042020216D

Page 6 of 9

**Toxicological Information:****Composition: CAS# 8052-42-4****- RTECS# CI9900000****Composition: CAS# 1332-37-2****- LD50: >5000mg/kg (oral, rat)****Skin irritation/corrosion: No date available.****Eye irritation/corrosion: No date available.****Respiratory or Skin sensitisation: No date available.****Reproductive Cell Mutagenicity: No date available.****Carcinogenicity:****Composition: CAS# 8052-42-4****- ACGIH: A4-Not classifiable as a human carcinogen.****- IARC: Group 2B-Possibly carcinogenic to humans. Listed as Bitumens, extracts of steam-refined and air-refined.****- IARC: Group 3-Not classifiable as to carcinogenicity to humans. Listed as Bitumens, steam-refined, cracking-residue and air-refined.****- Not listed by NTP, or CA Prop 65.****Composition: CAS# 1332-37-2****- No data available.****Specific target organ toxicity-Single exposure: No date available.****Specific target organ toxicity-Repeated exposure: No date available.****Aspiration hazard: No date available.****Potential Health Effects:****Ø Eye: No health effects are expected under normal use. Contact may cause eyes mechanical irritation.****Ø Skin: No health effects are expected under normal use. Repeated or prolonged contact may Irritate to skin and mucous membranes.****Ø Ingestion: Ingestion of this material is harmful.****Ø Inhalation: No health effects are expected under normal use. If inhaled dust, may cause respiratory tract irritation with cough****Section 12 - Ecological Information****Ecological Toxicity:****Composition: CAS# 1332-37-2****- Lco: >100mg/l (Golden Orfe)****Persistence and degradability: Not available.**

**Bioaccumulative Potential: Not available.**

**Mobility in Soil: Not available.**

**Other adverse effects: Not available.**

**Other Information: Do not allow this material released to environment without proper treatment.**

### Section 13 - Disposal Considerations

**Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Disposal should be in accordance with applicable regional, national and local laws and regulations.**

**The generation of waste should be avoided or minimized wherever possible. Contaminated packaging material should be treated equivalent to residual chemical. Clean packaging material should be subjected to waste management schemes (recovery recycling, reuse) according to local legislation. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.**

**Refer to Section 7-Handling and Storage and Section 8-Exposure Controls/Personal Protection for additional handling information and protection of employees.**

### Section 14 - Transport Information

**Not regulated as a hazardous material for transportation. (UN TDG Rev.17; IMDG Code 35-10 edition)**

**UN: N/A**

**UN Classification: N/A**

**UN proper Shipping Name: N/A**

**Packaging Sign: N/A**

**Packaging group: N/A**

**Marine Pollutant (Y/N): No.**

**Transport in bulk according to MARPOL73/78 Annex II and the IBC Code:  
N/A**

**Transport Fashion: By air, by sea, by rail, by road.**



**Packaging information: Bags and barrel, tray packaging.****Shipping Notice: N/A**

## Section 15 - Regulatory Information

**Regulatory Information: Reference to the local, national, US, EU, CA and international regulations.**

CAS No.	TSCA	IECSC	DSL/NDSL
8052-42-4	Listed	Listed	Listed in DSL
1332-37-2	Listed	Listed	Listed in DSL

## Section 16 - Additional Information

**Issue Time: 2012-06-12****Issue Department: Technical department****Data review unit:****Modification record:****Notice to reader**

**To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.**

**Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.**

**Other Information:**

ACGIH: (American Conference of Governmental Industrial Hygienists) ; BCF: (Bioconcentration Factor) ; BOD: (Biochemical oxygen demand) ; CAS: (Chemical Abstracts Service) ; DSL: (the Domestic Substances List of Canada) ; EC: (European Commission) ; EC50: (Median effective concentration) ; ENCS (MITI No.) : (Existing and New Chemical Substances of Japan) ; IARC: (International Agency for Research on Cancer) ; IATA: (International Air Transport Association) ; IECSC: (Inventory of Existing Chemical Substances in China) ; LC50: (Lethal concentration, 50 percent kill) ;LD50: (Lethal dose, 50 percent kill) ; NDSL: (the Non-domestic Substances List of

Canada) ; NIOSH: (US National Institute for Occupational Safety and Health) ; NOEC: (No observed effect concentration) ; NTP: (US National Toxicology Program) ; OSHA: (US Occupational Safety and Health) ; PC-STEL: (Permissible concentration-time weighted average) ; PC-TWA: (Permissible concentration-short time exposure limit) ; PEL: (Permissible Exposure Level) ; REL: (Recommended Exposure Limit) ; RTECS: (Registry of Toxic Effects of Chemical Substances) ; STEL: (Short Term Exposure Limit) ; TDG: (Recommendations on the TRANSPORT OF DANGEROUS GOODS Model Regulations) ; TLV: (Threshold Limit Value) ; TOD: (Total Organic Carbon) ; TSCA: (Toxic Substances Control Act of USA) ; TWA: (Time Weighted Average) ;