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Pony Testing International Group

Report No.: BDICBV6K13718716

# SDS Report

Sample Description

Synthetic colorless asphalt binder

Applicant

Go Green Industrial(Shanghai) Co.,Ltd

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www.ponytest.com

No.: BDICBV6K13718716  
Code: mb6ijl98

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## Safety Data Sheet (SDS)

according to GHS (Rev.5)

Synthetic colorless asphalt binder

### Section 1: Identification

**Chemical Product name: Synthetic colorless asphalt binder**

**Alternative names: N/A**

**Company product code: N/A**

**Recommended use: Used in the production of colored asphalt mixture**

**Restrictions on use: N/A**

**Supplier name: Go Green Industrial ( Shanghai ) Co.,Ltd**

**Address: Room 808, Yongye Building, No.2240, South Pudong Road, Pudong New District, Shanghai City, 200127, P.R.China.**

**Phone number: +86 21-61053027**

**FAX: +86 21-51876819**

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

**Emergency phone number: +86 21-61053027**

### Section 2: Hazard identification

**Classification of the substance:None**

**GHS label elements: None**

**Other Hazards:**

**Physical and chemical hazards:** The product is combustible under specific conditions.

The product decomposes on heating producing irritating fumes.

**Human health hazards:** May cause skin, eye, digestive tract and respiratory tract irritation.

**Environmental hazards:** Has not been reported.

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### Section 3: Composition/information on ingredients

#### mixture

Ingredient	CAS No.	Composition (by weight)	EC#
Extracts (petroleum), heavy paraffinic distillate solvent	secrecy	45-55	secrecy
Petroleum resins	secrecy	40-48	secrecy
1,3-Butadiene/styrene copolymers	secrecy	2-10	secrecy

### Section 4: First-aid measures

#### Description of first aid measures

**Inhalation:** If inhaled, move to fresh air immediately. If breathing is difficult, give oxygen by trained professionals. If not breathing, give artificial respiration. Get medical aid if symptoms appear.

**Skin:** If skin irritation occur, remove contaminated clothing and shoes immediately and flush skin with plenty of water and soap. Get medical aid if symptoms occur.

**Eyes:** In case of contact with eyes, rinse immediately with plenty of water for at least 20 minutes, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses if easily possible. DO NOT rub eyes with hand. Get medical aid immediately.

**Ingestion:** If swallowed, rinse mouth. Get medical aid immediately.

**Personal protective equipment for first-aid responders:** Use proper personal protective equipment as indicated in Section 8.

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

**Indication of immediate medical attention and special treatment needed:** Treat symptomatically and supportively.



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## Section 5: Fire-fighting measures

**Suitable extinguishing media:** Foam, dry powder, carbon dioxide, dry sand.

**Unsuitable extinguishing media:** No data available.

**Specific Hazards arising from the chemical:** The product is not combustible under normal conditions. Combustible under specific conditions. The product decomposes on heating producing irritating fumes.

**Specific protective actions for fire-fighters:** 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.

## Section 6: Accidental release measures

**Personal precautions:** As an immediate precautionary measure, isolate spill or leak area in all directions. Keep unauthorized personnel away. Stay upwind. Keep out of low areas. Ventilate closed spaces before entering. Use proper personal protective equipment as indicated in Section 8.

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

**Emergency procedures:** Do not touch or walk through spilled material. Stop leak if you can do it without risk. Do not direct water at spill or source of leak.

**Environmental precautions:** Prevent entry into waterways, sewers, basements, or confined areas.

**Methods and materials for containment and cleaning up:** Remove all sources of ignition or heat. Ensure adequate ventilation. Place in



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## Section 7: Handling and storage

**Precautions for safe handling:** Ensure good local exhaust ventilation. Handle and open container with care. Keep away from incompatible substances (see section 10), any sources of ignition or heat (e.g. open flames, hot surfaces), foodstuffs, beverages and foods. Avoid contact with eyes and skin. The work area should be equipped with the corresponding species and quantity of fire-fighting equipments and emergency equipments.

**Conditions for safe storage, including any incompatibilities:** Keep container tightly closed. Store closed containers in a cool, dry, well-ventilated area. Keep away from incompatible substances (see section 10), any sources of ignition or heat (e.g. open flames, hot surfaces), feedstuffs, beverages and foods. Avoid physical damage to containers. The storage area should be equipped with the corresponding species and quantity of fire-fighting equipments and emergency equipment.

## Section 8: Exposure controls/personal protection

**• Occupational exposure limits:**

Name	ACGIH	NIOSH	OSHA
Extracts (petroleum), heavy paraffinic distillate solvent	N/A	N/A	N/A
Petroleum resins	N/A	N/A	N/A
1,3-Butadiene/styrene copolymers	N/A	N/A	N/A

**• Appropriate engineering controls: Use adequate general or local exhaust**



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**ventilation to keep airborne concentrations below the permissible exposure limits. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Keep away from heat and fire.**

• **Personal protective equipment:**

- **Eyes Protection:** It is recommended to wear appropriate safety spectacles when work environment needed.
- **Skin and Body Protection:** Wear appropriate protective clothing to prevent skin exposure when work environment needed. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.
- **Respiratory Protection:** It is recommended to wear appropriate protective respiratory masks when work environment needed. A full face positive pressure supplied-air respirator or a self contained breathing apparatus should be used when large spilled or fire. If the respirator is the sole means of protection, use a full-face supplied air respirator.
- **Hand Protection:** It is recommended to wear appropriate gloves to minimize skin exposure. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices.
- **Thermal hazards:** No thermal hazards under normal conditions.

## Section 9: Physical and chemical properties

**Physical State: Pasty solid.**

**Colour: Black**

**Odour: Odorless.**

**Odour threshold: N/A**

**pH: N/A**

**Melting point/freezing point: N/A**

**Initial boiling point and boiling range: N/A**

**Flash Point: N/A**

**Evaporation rate: N/A**

**Flammability (solid, gas): N/A**

**Explosion Limits (vol% in air): N/A**

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**Vapour pressure, kPa at 20°C: N/A**  
**Vapor density: N/A**  
**Density/Relative density (water = 1): N/A**  
**Solubility(ies): N/A**  
**Partition coefficient: n-octanol/water: N/A**  
**Auto-ignition temperature: N/A**  
**Ignition temperature: N/A**  
**Decomposition temperature: N/A**  
**Viscosity: N/A**

## Section 10: Stability and reactivity

**Reactivity: Stable under normal storage and handling conditions.**

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

**Possibility of hazardous reactions: The product is combustible under specific conditions. The product decomposes on heating producing irritating fumes.**

**Conditions to Avoid: Incompatible materials, any sources of ignition or heat (e.g. open flames, smoking, hot surfaces, excess heat).**

**Incompatibilities materials: Strong oxidants, acids, etc.**

**Hazardous decomposition products: In case of fire, may produce carbon oxides, etc.**

## Section 11 – Toxicological information

### Acute toxicity:

Name	LC50/LD50
Extracts (petroleum), heavy paraffinic distillate solvent	No data available
Petroleum resins	No data available
1,3-Butadiene/styrene copolymers	No data available



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**Skin corrosion/irritation: No data available.**

**Serious eye damage/irritation: No data available.**

**Respiratory or Skin sensitization: No data available.**

**Germ Cell mutagenicity: No data available.**

**Carcinogenicity:**

**Composition: 1,3-Butadiene/styrene copolymers**

- IARC: Group 3-Not classifiable as to carcinogenicity to humans.
- Not listed as carcinogens by ACGIH, NTP, or CA Prop 65.

**Other compositions are not listed as carcinogens by ACGIH, IARC, NTP, or CA Prop 65.**

**Reproductive toxicity: No data available.**

**Specific target organ toxicity-Single exposure: No data available.**

**Specific target organ toxicity-Repeated exposure: No data available.**

**Aspiration hazard: No data available.**

**Information on the likely routes of exposure:**

- **Eye:** No health effects are expected under normal use. Contact with this product may cause eye irritation.
- **Skin:** No health effects are expected under normal use. Contact with it may cause skin irritation.
- **Ingestion:** Ingestion is unlikely under normal use. May be harmful if swallowed, may cause digestive tract irritation.
- **Inhalation:** If inhaled vapors, may irritate respiratory tract.

## Section 12 - Ecological information

**Toxicity: No data available.**

**Persistence and degradability: No data available.**

**Bioaccumulative Potential: No data available.**

**Mobility in Soil: No data available.**

**Other adverse effects: No data available.**

## Section 13 - Disposal considerations



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**Disposal methods:** 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

### Air transport (ICAO-IATA / DGR 57<sup>th</sup>)

UN Number: N/A

UN Proper Shipping Name: N/A

Transport hazard class: N/A

Subsidiary risk: N/A

Packaging group: N/A

Packaging Sign: N/A

Other Information: N/A

Special precautions for user: N/A

Marine Pollutant (Y/N): No.

### Sea transport (IMDG CODE 37-14 edition)

UN Number: N/A

UN Proper Shipping Name: N/A

Transport hazard class: N/A

Subsidiary risk: N/A

Packaging group: N/A

Packaging Sign: N/A

Other Information: N/A

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Page 9 of 11**Special precautions for user: N/A****Marine Pollutant (Y/N): No.****Land transport (TDG)****UN Number: N/A****UN Proper Shipping Name: N/A****Transport hazard class: N/A****Subsidiary risk: N/A****Packaging group: N/A****Packaging Sign: N/A****Other Information: N/A****Special precautions for user: N/A****Marine Pollutant (Y/N): No.**

## Section 15: Regulatory information

**Safety, health and environmental regulations specific for the product in question**

Name	TSCA	DSL/NDSL	EINECS/ ELINCS/ NLP	IECSC
Extracts (petroleum), heavy paraffinic distillate solvent	Listed	Listed in DSL	Listed	Listed
Petroleum resins	Listed	Listed in DSL	Listed	Listed
1,3-Butadiene/styrene copolymers	Listed	Listed in DSL	Listed	Listed

**Reference laws and regulations:**

- Safety data sheet for chemical products - Content and order of sections (ISO11014: 2009)
- International Air Transport Association Dangerous Goods Regulations (IATA DGR) (57th Edition)
- International Maritime Dangerous Goods Rules (IMDG Code) (37-14 edition)



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- Globally Harmonized System of Classification and labeling of Chemicals (GHS) (ST/SG/AC.10/30/Rev.5)
- Toxic Substances Control Act (TSCA)
- California Proposition 65
- Inventory of Existing Chemical Substances in China (IECSC)
- Canadian Environmental Protection Act (CEPA)
- European Inventory of Existing Commercial chemical Substances (EINECS)
- European List of Notified Chemical Substances (ELINCS)

## Section 16 – Other information

**Issue Time: 2016-3-9**

**Issue Department: Technical department**

**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:

CAS: (Chemical Abstracts Service);

EC: (European Commission);

ACGIH: (American Conference of Governmental Industrial Hygienists);

NIOSH: (US National Institute for Occupational Safety and Health);

OSHA: (US Occupational Safety and Health);

TLV: (Threshold Limit Value);

TWA: (Time Weighted Average);

STEL: (Short Term Exposure Limit);

PEL: (Permissible Exposure Level);

REL: (Recommended Exposure Limit);

PC-STEL: (Permissible concentration-time weighted average);

PC-TWA: (Permissible concentration-short time exposure limit);



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LC50: (Lethal concentration, 50 percent kill);  
LD50: (Lethal dose, 50 percent kill);  
IARC: (International Agency for Research on Cancer);  
EC50: (Median effective concentration);  
BCF: (Bioconcentration Factor);  
BOD: (Biochemical oxygen demand);  
NOEC: (No observed effect concentration);  
NTP: (US National Toxicology Program);  
RTECS: (Registry of Toxic Effects of Chemical Substances);  
IATA: (International Air Transport Association);  
IMDG: (International Maritime Dangerous Goods);  
TDG: (Recommendations on the TRANSPORT OF DANGEROUS GOODS Model Regulations);  
TOC: (Total Organic Carbon);  
TSCA: (Toxic Substances Control Act of USA);  
DSL: (the Domestic Substances List of Canada);  
NDSL: (the Non-domestic Substances List of Canada)

\*\*\*End of report \*\*\*



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