



MSDS Report

Sample Description

Cold Pourable Crack Filler

Applicant

Go Green Industrial (Shanghai) Co.,Ltd.





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Material Safety Data Sheet

Cold Pourable Crack Filler

Section 1 - Chemical Product and Company Identification

Sample Name: Cold Pourable Crack Filler

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

Address: 808 Yong Ye Building No.2240 South Pudong Road, Pudong New

District, Shanghai. Post Code: 200127

TEL: +86-21-61053027

FAX: +86-21-51876819

E-mail: Sales@go-green.com.cn

Section 2 - Hazards Identification

This product should not present a health hazard when used under reasonable conditions. However, use or processing of the product in a manner not in accordance with the product's directions for use may affect the performance. Excess heated in any processing or other use will produce irritating or toxic fumes.

UN Hazard Class: None. GHS Classification: None. GHS label elements: None.

Section 3 - Composition, Information on Ingredients

General Chemical Description: This chemical product is a mixture.

Physical State: Viscous liquid.

Color: Black.

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| Chemical Name | Percent (by weight) | CAS No. | EC# |
|------------------------------|------------------------|-----------|-----------|
| Asphalt | 25% | 8052-42-4 | 232-490-9 |
| Kaolin | 32% | 1332-58-7 | 310-194-1 |
| Basalt | 5% | N/A | N/A |
| Additives (anion surfactant) | 10% | N/A | N/A |
| Water | 28% | 7732-18-5 | 231-791-2 |

Section 4 - First Aid Measures

Eyes: Do not allow victim to rub eyes. In case of contact, immediately flush eyes with water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses if easily possible. Get medical aid.

Skin: If skin or hair contact occurs, remove the contaminated clothing. Wash the affected area with soap and water. Launder clothing before re-use. Get medical attention if irritation persists.

Inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid if cough or other symptoms appear.

Ingestion: If swallowed, do not induce vomiting. If the injured is fully conscious: wash mouth out with water. Never give anything by mouth to an unconscious person. Get medical aid immediately.

Note To Physicians: Treat symptomatically and supportively.

Section 5 - Fire Fighting Measures

Extinguishing Media: Use dry chemical, carbon dioxide, or appropriate foam. Can use water spray to keep fire-exposed containers cool. Specific Hazards: Flash Point is $>95^{\circ}$ (Closed cup). The product is not flammable. In case of a fire, oxides of carbon, hydrocarbons, fumes, and smoke may be generated by thermal decomposition.

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Specific Extinguishing Methods: Evacuate area and contact emergency services. Approach fire from upwind to avoid hazardous vapors and toxic decomposition products. Use water fog to cool intact containers and nearby storage areas. Run-off water from fire control should be contained to avoid pollution.

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: Evacuate and ventilate spill area. Keep unnecessary and unprotected personnel from entering. Ventilate closed spaces before entering. Do not walk through spilled material. Avoid breathing vapor or mist. 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: Prevent contamination of drains or waterways.

Measures for Cleaning/Collecting: Contact emergency services if appropriate. Remove all sources of ignition. Stop leak if possible without personal risk. Move containers from spill area. For large spills, provide diking or other appropriate containment to keep material from spreading. For small spills, soak up in absorbent material (e.g. sand, earth, vermiculite or diatomaceous earth) or scrape up and place in sealable appropriate container for disposal according to local regulations. Clean area as appropriate since spilled materials, even in small quantities, may present a slip hazard. Final cleaning may require use of steam, solvents or detergents. Avoid dispersal of spilled material and runoff and contact with soil, water ways, drains and sewers.

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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, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period.

Storage: Store in a closed and adequately labelled container. Store in a cool, dry, well-ventilated area away from incompatible substances (see Section 10), food, drink and foodstuffs. Keep out of the reach of children. Keep container away from the direct sunshine, and any sources of ignition or heat. Inspect regularly for deficiencies such as damage or leaks. Treat carefully, avoid physical damage to containers. The storage area should be equipped with the corresponding species and quantity of fire equipment and leakage emergency equipment.

Handling: Ensure good local exhaust ventilation. Handle and open container with care. Keep container closed and away from incompatible substances (see Section 10), food, drink and foodstuffs. Keep out of the reach of children. Keep container away from the direct sunshine, and any sources of ignition or heat. Avoid all unnecessary exposure. Avoid contact with eyes, skin and clothing. Avoid ingestion and inhalation. Remove contaminated clothing and wash before reuse. Empty containers retain product residue (Liquid or vapor). The work area should be equipped with the corresponding species and quantity of fire equipment and leakage emergency equipment.

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Section 8 - Exposure Controls, Personal Protection

Exposure Limit:

Composition: CAS# 8052-42-4

- TLV-TWA 0.5 mg/m³ (ACGIH, asphalt fume as benzene-soluble
- REL- Ceiling 5 mg/m3 (NIOSH, 15 min)

Composition: CAS# 1332-58-7

- TLV-TWA 2 mg/m³ (ACGIH, respirable fraction, particulate matter containing no asbestos and <1% crystalline silica)
- PEL-TWA 15 mg/m³ (OSHA, total)
- PEL-TWA 5 mg/m³ (OSHA, respirable fraction)
- REL-TWA 10 mg/m³ (NIOSH, total)
- REL-TWA 5 mg/m³ (NIOSH, respirable fraction)

Composition: CAS# 7732-18-5

No date available.

Monitoring Methods: No information found.

Engineering Controls: Do not inhale vapors. Use in well ventilated areas. In poorly ventilated areas, mechanical explosion proof extraction ventilation is recommended. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

Personal Protective Equipment:

- Eyes: Use appropriate safety glasses or goggles when splash potential exists.
- Skin and Clothing: Wear appropriate protective clothing and gloves to prevent skin contact. Materials can choose rubber, PVC or viton.
- Respirators: An appropriate respirator (e.g. Type A Organic vapor 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 large spilled or fire.
- Other Protection: To maintain good health habits. Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period.

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Section 9 - Physical and Chemical Properties

Physical State: Viscous liquid.

Color: Black.

Odor: Characteristic odor. Molecular Formula: Mixture. Molecular Weight: N/A

PH: N/A

Flash Point: >95℃ (Closed cup).

Boiling Point: N/A Melting Point: N/A

Relative density (water=1): N/A

Viscosity: N/A

Ignition Temperature (°C): N/A Explosion Limits [%(V/V)]: N/A

Water Solubility: N/A

Section 10 - Stability and Reactivity

Chemical Stability: Stable under recommended conditions of storage. Conditions to Avoid: Excess heat, any source of heat or ignition, incompatible materials.

Incompatibilities with Other Materials: Strong oxidizing agents. Hazardous Decomposition Products: Decomposition will not occur if handled and stored properly. In case of a fire, oxides of carbon, hydrocarbons, fumes, and smoke may be generated by thermal decomposition.

Hazardous Polymerization: Has not been reported.

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Section 11 - Toxicological Information

Toxicological Information:

Composition: CAS# 8052-42-4

RTECS# C19900000

Composition: CAS# 1332-58-7

RTECS# GF1670500

Composition: CAS# 7732-18-5

RTECS# ZC0110000

LD50: >90 ml/kg (Oral, rat)

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# 1332-58-7

- ACGIH: A4-Not classifiable as a human carcinogen.
- Not listed as a carcinogen by IARC, NTP, or CA Prop 65.

Composition: CAS# 7732-18-5

Not listed as a carcinogen by ACGIH, IARC, NTP, or CA Prop 65.

Sensitization Rate: Not available.

Teratogenicity: Not available.

Potential Health Effects:

- Eye: Contact may result in irritation, lacrimation, pain and redness.
- Skin: Prolonged or repeated contact may result in irritation. If contact with hot material may cause burn.
- Ingestion: Will not occur under normal use. If ingest, may causes gastrointestinal irritation with diarrhea, nausea or vomiting.
- Inhalation: Inhalation may cause respiratory tract irritation, shortness of breath, coughing and headache. Over exposure may result in nausea, dizziness and drowsiness.

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- Effects of short-term exposure: The product is irritating to the eyes and the respiratory tract. The product when heated causes burns on the skin.
- Effects of long-term or repeated exposure: Fumes of asphalt are possibly carcinogenic to humans.

Section 12 - Ecological Information

Environmental: No data are available on the adverse effects of kaolin and basalt on the environment. Aliphatic hydrocarbons behave differently in the environment depending on their size. Water: Light aliphatics volatilise rapidly from water (half life-few hours). Bioconcentration should not be significant. Soil: Light aliphatics biodegrade quickly in soil and water, heavy aliphatics biodegrade very slowly. Atmosphere: Vapor-phase aliphatics will degrade by reaction with hydroxyl radicals.

Ecological Toxicity: Not available.

Persistence and degradability: Not available.

Bioaccumulative Potential: Not available.

Mobility: Not available.

Section 13 - Disposal Considerations

The generation of waste should be avoided or minimized wherever possible. Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

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.

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Section 14 - Transport Information

Not regulated as a hazardous material for transportation. (TDG; IMDG

CODE; IATA DGR) **UN Number: N/A**

UN Proper Shipping Name: N/A

UN Classification: N/A Packing Group: N/A Packaging Sign: N/A

Transport Fashion: Cargo by air, by sea.

Section 15 - Regulatory Information

Regulatory Information: Reference to the local, national, US, EU, CA,

Australia and international regulations.

TSCA:

CAS# 8052-42-4, CAS# 1332-58-7

and CAS# 7732-18-5 are listed.

Canada:

CAS# 8052-42-4, CAS# 1332-58-7

and CAS# 7732-18-5 are listed in DSL.

OSHA:

CAS# 8052-42-4 and CAS# 1332-58-7 are listed.

CAS# 7732-18-5 is unlisted.

California Prop 65:

CAS# 8052-42-4, CAS# 1332-58-7

and CAS# 7732-18-5 are unlisted.

AICS:

CAS# 8052-42-4, CAS# 1332-58-7

and CAS# 7732-18-5 are listed.

Australian High Volume Industrial Chemicals List (HVICL):

CAS# 8052-42-4 is listed on the 2002 and 2006 Australian HVICL.

CAS# 1332-58-7 is listed on the 2002 Australian HVICL. CAS# 7732-18-5 is listed on the 2006 Australian HVICL.

European Labeling in Accordance with EC Directives:

Hazard Symbols: None. Risk Description: None. Safety Description: None.

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防伪说明:(1)《检测报告》的报告编号是唯一的,即每一个报告编号仅对应唯一的《检测报告》; (2)《检测报告》采用特制防伤纸张印制,纸张表面带有"PONY"防伤纹路、该防伤纹路不支持复印,即复制件不会带有"PONY"防伪纹路; (3)《检测报告》采用的防伪纸张内部亦加带有高科技"PONY"防伤水印,只有在验钞机等紫外线照射下方可显出无色荧光防伤字样;



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Section 16 - Additional Information

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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); AICS: (Australian Inventory of Chemical Substances); CAS: (Chemical Abstracts Service); DSL:(the Domestic Substances List of Canada); EC:(European Commission); 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); IMDG: (International Maritime Dangerous Goods); LD50: (Lethal dose, 50 percent kill); MAC: (Maximum allowable concentration); NDSL: (the Non-domestic Substances List of Canada); NIOSH: (US National Institute for Occupational Safety and Health); NTP: (US National Toxicology Program); OSHA: (US Occupational Safety and Health); 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); TSCA: (Toxic Substances Control Act of USA); TWA: (Time Weighted Average) ;TLV: (Threshold Limit Value)

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