

SAFETY DATA SHEET



Issue Date: May 27, 2015

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Version 2015

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: MasterGard 700

Other Means of Identification:

SDS #: F3210

Recommended Use: Cold applied asphalt damproofing for concrete

Restrictions on Use: Do not apply hot.

Supplier of the Safety Data Sheet including Address:

ChemMasters Inc.
300 Edwards Street
Madison, OH 44057

Telephone Numbers

Company Phone Number

Phone: 800-486-7866, 440-428-2105

Fax: 440-428-7091

Emergency Telephone : ChemTrec 800-424-9300 (United States & Canada), International Call: 1-703-527-3887

2. HAZARDS IDENTIFICATION

Emergency Overview

OSHA Hazards

Flammable Liquid, May cause respiratory irritation, May cause drowsiness or dizziness, May be fatal if swallowed and enters airways, Causes eye irritation, Causes mild skin irritation

Target Organs: Eyes, Skin, Respiratory System, Central Nervous System

GHS Classification

Flammable Liquids Category 3
Specific target organ toxicity – single exposure Category 3
Aspiration Hazard Category 1
Eye Damage/Irritation – Category 2B
Skin Corrosion/Irritation – Category 3

Label Elements, including precautionary statements

Pictograms: Three GHS hazard pictograms in red diamond shapes: an exclamation mark, a silhouette of a person with a star on their chest, and a flame.

Signal Word: Danger

Hazard Statements:

H226 Flammable Liquid and Vapour
H335 May cause respiratory irritation
H336 May cause drowsiness or dizziness
H304 May be fatal if swallowed and enters airways
H316 Causes mild skin irritation
H320 Causes eye irritation

Precautionary Statement(s)

Prevention:

- 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.
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P264 Wash hands and exposed skin thoroughly after handling.
P271 Use only outdoors or in a well-ventilated area.

Response:

- P332+P313 If skin irritation occurs: Get medical advice/attention
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313 If eye irritation persists: Get medical advice/attention.
P304+P340+P312 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.
P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor.
P331 Do NOT induce vomiting.
P370+P378 In case of fire use, dry chemical, alcohol resistant foam, halon or carbon dioxide to extinguish.

Storage: P403+P235+P233 Store in a well-ventilated place. Keep cool. Keep container tightly closed.
P405 Store Locked Up

Disposal: P501 Dispose of contents/container in accordance with local/regional/national regulations.

Hazards not otherwise classified: None Known

3. COMPOSITION/INFORMATION ON INGREDIENTS

Component

Petroleum Asphalt	CAS# 8052-42-4	<70%
Mineral Spirits	CAS# 8052-41-3	<25%
Diatomaceous Earth	CAS# 61790-53-2	<10%
Clay	CAS# 12174-11-7	< 5%
Cellulose Fiber	CAS# 9004-34-6	< 5%

Ingredients not listed on this safety data sheet are considered to be non-hazardous according to OSHA 1910.1200 or are not present above their cutoff levels. Where a range is displayed, the exact percentage of composition has been withheld as a trade secret.

4. FIRST AID MEASURES

First Aid Measures

General Advice: Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

Inhalation: IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.

Eye Contact: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice or attention.

Ingestion: IF SWALLOWED: Immediately call a POISON CENTER/doctor. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth if conscious.

Skin Contact: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. Wash off with soap and plenty of water. If skin irritation occurs: Get medical advice or attention.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media:

Alcohol-resistant foam, dry chemical, halon or carbon dioxide

Specific Hazards Arising from the Chemical

In a fire or if heated a pressure increase will occur and the container may burst.

Vapors are flammable and heavier than air. Vapors may travel across the ground and reach remote ignition sources causing a flashback fire danger.

Material will float on water and can be reignited.

Hazardous Combustion Products:

Carbon oxides, Hydrogen Sulfide & Oxides of Nitrogen

Protective Equipment and Precautions for Firefighters

Wear self-contained breathing apparatus and full protective gear for firefighting.

Further Information:

Use water spray to cool unopened containers. See Section 7 for safe handling and storage

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

Use personal protective equipment. Avoid breathing dust/fume/gas/mist/vapours/spray. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas.

Environmental Precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains or waterways.

Methods and Material for Containment and Cleaning Up

Contain spillage, and then collect with an electrically protected vacuum cleaner or by wet-brushing and place in container for disposal according to local regulations.

7. HANDLING AND STORAGE

Precautions for Safe Handling

Do not handle until all safety precautions have been read and understood. Use only outdoors or in a well-ventilated area. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapours/spray.

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ground and bond container and receiving equipment. Take measures to prevent the buildup of electrostatic charge. Use non-sparking tools.

This product is not to be applied hot. Heating will cause additional vapors to be released increasing risk of fire and respiratory irritation.

Wear protective gloves/protective clothing/eye protection/face protection. Wash hands and skin thoroughly after handling.

Conditions for Safe Storage, Including any Incompatibilities

Keep container tightly closed in a dry, cool and well ventilated place.

Containers which are opened must be carefully resealed and kept upright to prevent leakage.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Component Exposure Limits

Asphalt, CAS#: 8052-42-4: ACGIH TWA 0.5 mg/m³, OSHA TWA 25 ppm
Mineral spirits CAS# 8051-41-3: ACGIH TLV 100 ppm, OSHA PEL 500 ppm.

Appropriate Engineering Controls

Local Ventilation: Recommended
General Ventilation: Recommended

Individual Protection Measures, such as Personal Protective Equipment

Eye/Face Protection: Use proper protection – Safety Glasses as a minimum

Skin and Body Protection: Wash at mealtime and end of shift. Skin contact must be avoided by using impervious protective clothing (gloves, aprons, boots, etc.). Use chemical protective gloves as a minimum and wash skin promptly upon any skin contact.

Respiratory Protection: Use respiratory protection unless adequate local exhaust ventilation is provided or exposure assessment demonstrates that exposures are within recommended exposure guidelines. Where concentrations are above recommended limits or are unknown, appropriate respiratory protection should be worn. Follow OSHA respirator regulations (29 CFR 1910.134) and use NIOSH/MSHA approved respirators.

General Hygiene Considerations

Handle in accordance with good industrial hygiene and safety practice. Wash hands before & after breaks and work day. Use waterless hand cleaner to remove dried material from skin.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties

Physical State

Appearance: Liquid

Color: Black

Odor: Petroleum Solvent Odor

Odor threshold: No Data

<u>Property</u>	<u>Value</u>	<u>Remarks – Method</u>
Vapor Pressure	2.1 mm Hg @ 20°C	
Vapor Density	Heavier than air	
Relative Density	Not Available	
pH:	Not Relevant	
Melting/Freezing Point	Not Relevant	
Solubility	Not soluble in water	
Evaporation Rate	0.1	
Flash Point	40.5 Degrees C (105 Degree F)	PM (D93) Closed Cup
Flammability Limits	Lower Limit: 0.9% Upper Limit: 6.7%	
Flammability (Solid, gas)	Not Relevant	
Auto Ignition Temperature	540°F	
Initial Boiling Point/Boiling Range	300°F	
Decomposition Temperature	Not Available	
Viscosity	100-110 @ 77°F	Stormer, in kreb units
Specific Gravity	0.98 at 25 Degrees C	8.16 +/- 0.01 Lbs./gal.

10. STABILITY AND REACTIVITY

Chemical Stability:

Stable

Possibility of Hazardous Reactions:

Hazardous polymerization will not occur.

Conditions to Avoid:

Heat, Flames and Sparks

Incompatible Materials:

Keep away from strong oxidizing agents, strong alkalis and strong acids.

Hazardous Decomposition Products

Carbon oxides, Nitrogen Oxides & Hydrogen Sulfide.

11. TOXICOLOGICAL INFORMATION

Likely Routes of Exposure: Inhalation, Skin Contact, Eye Contact, Ingestion

Symptoms of Exposure:

Causes eye irritation, causes mild skin irritation and may cause respiratory irritation.
May cause headache, dizziness, anesthesia, drowsiness, unconsciousness and other central nervous system effects.

Delayed and Immediate Effects as well as Chronic Effects from Short and Long-Term Exposure

Carcinogenicity: IARC, ACGIH, NTP, OSHA

Asphalt, CAS 8052-42-4 is listed by IARC as a 2B, possibly carcinogenic to humans. It is listed by ACGIH as A4, not classifiable as a human carcinogen.

Repeated Contact: Repeated skin contact may cause skin dryness, irritation and dermatitis.

Ingestion: If swallowed, aspiration into the lungs can cause chemical pneumonitis that is potentially fatal.

Other Chronic Effects:

None known

Numerical Measures of Toxicity

Asphalt, CAS#: 8052-42-4: Acute Toxicity: Oral-Rat LD50 >5000 mg/kg
Mineral spirits CAS# 8051-41-3: Acute Toxicity: Oral-Rat >5 grams/kg; Dermal-Rabbit >1400 ppm/8 h

12. ECOLOGICAL INFORMATION

Ecotoxicity: No Data Available

Persistence and Degradability: No Data Available

Bioaccumulation: No Data Available

Mobility: Material will float on water.

Other Adverse Effects: No Data Available

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Disposal of Wastes: Under RCRA 40 CFR 261 this material is a hazardous waste. Dispose of in accordance with all federal, state, and local regulations. If uncertain of local requirements, contact the proper environmental authorities for information on waste disposal in your area. Contact a licensed professional waste disposal service to dispose of this material.

Contaminated Packaging: Dispose of as unused product.

14. TRANSPORT INFORMATION

DOT

Not regulated if shipped in non-bulk containers <119 gallons (<450 liters)

Bulk (\geq 119 gallon containers): UN1999, Tars liquid, 3, III

IATA

UN1999, Tars liquid, 3, III

IMDG

UN1999, Tars liquid, 3, III

Marine Pollutant: No

15. REGULATORY INFORMATION

International Inventories

TSCA: All chemical substances in this material are included on or exempted from listing on the TSCA Inventory of Chemical Substances.

US Federal Regulations

SARA 302: None

SARA 311/312 Hazard Categories: Acute: Yes, Fire: Yes, Chronic: Yes

SARA 313 Hazard Categories: None known

CWA (Clean Water Act): This product contains petroleum hydrocarbons and may be subject to regulation by Section 311 of the Clean Water Act and the Oil Pollution Act. Releases of the product into or leading to surface waters must be reported to the National Response Center at 1-800-424-8802.

Supplemental State Compliance Information

California:

Warning: This product contains the following chemical(s) listed by the State of California under the Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65) as being known to cause cancer, birth defects or other reproductive harm. **Asphalt, CAS#: 8052-42-4**

This product may contain trace amounts of other components known to the State of California to cause cancer, birth defects or other reproductive harm.

States Right To Know:

Asphalt, CAS#: 8052-42-4: New Jersey, Massachusetts, Minnesota, Pennsylvania

Mineral Spirits, CAS# 8051-41-3: New Jersey, Massachusetts, Minnesota, Pennsylvania

Cellulose Fiber, CAS# 9004-34-6: New Jersey, Massachusetts, Minnesota, Pennsylvania

U.S. EPA Label Information: VOC <300

Canada

WHMIS Classification: Class D2B & B3 (Toxic & Flammable)

Symbol: Stylized T & Flammable



16. OTHER INFORMATION

HMIS Classification:

Health hazard: 2*
Flammability: 2
Physical Hazards: 0

NFPA Rating:

Health hazard: 2
Fire: 2
Reactivity Hazard: 0

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Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet