

SAFETY DATA SHEET



Issue Date: June 27, 2017

Revision Date: June 25, 2018

Version: 2017

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: MasterGard 400

Other Means of Identification

SDS #: F3200

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

2. HAZARDS IDENTIFICATION

Emergency Overview

OSHA Hazards:

May cause eye and skin irritation, may cause respiratory irritation, may be fatal if swallowed and enters airways.

GHS Classification:

Specific Target Organ toxicity – single exposure: Category 3

Aspiration Hazard – Category 1

Label Elements, including precautionary statements

Pictograms:



Signal Word: DANGER

Hazard Statements:

H335 May cause respiratory irritation.

H304 May be fatal if swallowed and enter airways

Precautionary Statement(s)

Prevention:

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P271 Use only outdoors or in a well-ventilated area.

Response:

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.

Storage:

P403+P233 Store in a well-ventilated place. 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: May cause eye and skin irritation

3. COMPOSITION/INFORMATION ON INGREDIENTS

Component

Water – Non Hazardous	CAS#: 7732-18-5	<60%
Petroleum Asphalt	CAS#: 8052-42-4	<45%
Clay	CAS#: 12174-11-7	<10%
Chromium Oxide	CAS#: 1333-82-0	<0.1%

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.

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. If not breathing, give artificial respiration. Consult a physician.

Eye Contact: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Ingestion: IF SWALLOWED: Do NOT induce vomiting. Immediately call a POISON CENTER/doctor.

Skin Contact: Wash off with soap and plenty of water. If skin irritation occurs: Get medical advice or attention.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Product is not combustible. Use water spray (fog), alcohol-resistant foam, dry chemical, or carbon dioxide for surrounding fire.

Specific Hazards Arising from the Chemical:

None Known

Hazardous Combustion Products

Carbon dioxides, Nitrogen oxides, Hydrogen sulfide

Protective Equipment and Precautions for Firefighters

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

Further Information

Use water to cool containers to prevent bursting. High heat can cause water in this product to form steam which can cause bulging and bursting of containers. See Section 7 for safe handling and storage.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

In case of spill wear appropriate personal protective equipment during any cleanup and response activities. Avoid skin contact and inhalation.

Environmental Precautions

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

Methods and Material for Containment and Cleaning Up

Dike and contain spill with inert absorbent materials. Soak up with inert material and dispose of waste. Keep waste in suitable, closed containers for disposal.

7. HANDLING AND STORAGE

Precautions for Safe Handling

Use only outdoors or in a well-ventilated area. Avoid contact with skin and eyes. Avoid inhalation of vapour or mist. This product is not to be applied hot. Heating will cause additional vapors to be released which may cause respiratory irritation.

Conditions for Safe Storage, Including any Incompatibilities

General information: Keep at a temperature not exceeding 38 Degrees C (100 Degrees F). Do not allow material to freeze. Keep container tightly closed in a dry and well ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Safe Storage: No Additional Data

Incompatibilities: None known

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Component Exposure Limit

Asphalt, CAS#: 8052-42-4: ACGIH TWA 0.5 mg/m³, OSHA TWA 25 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. Note: Trace amounts of monomers may be released during use of this material. Use adequate ventilation to keep vapour concentrations below applicable standard.

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: Brown

Odor: Petroleum

Odor threshold: No Data

<u>Property</u>	<u>Value</u>	<u>Remarks – Method</u>
Vapor Pressure	Not Available	
Vapor Density	Not Available	
Relative Density	Not Available	
pH:	5-7	
Melting/Freezing Point	Freezing Point 32 Degrees F (0 Degrees C)	
Solubility	Soluble in water	
Evaporation Rate	Equal to water	
Flash Point	≥450 Degrees F (>232 Degrees C)	Closed Cup
Flammability Limits	Not Relevant	
Flammability (Solid, gas)	Not Relevant	
Auto Ignition Temperature	Not Available	
Initial Boiling Point/Boiling Range	Boiling Point 212 Degrees F (100 Degrees C)	
Decomposition Temperature	Not Available	
Viscosity	Not Available	
Specific Gravity	1.02 +/- 0.01	Density: 8.48 lb./gal. +/- 0.1

10. STABILITY AND REACTIVITY

Chemical Stability: Stable

Possibility of Hazardous Reactions: No Data Available.

Conditions to Avoid: None known

Incompatible Materials: None known

Hazardous Decomposition Products: Carbon dioxides, Nitrogen oxides, Hydrogen sulfides

11. TOXICOLOGICAL INFORMATION

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

Symptoms of Exposure:

Ingestion may cause nausea, vomiting and irritation of the mouth, throat & gastrointestinal system.

Direct contact may cause skin irritation. Direct contact may cause eye irritation.

Vapors may result in eye and upper respiratory tract irritation.

Numerical measures of toxicity:

No Data Available

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.

Specific target organ toxicity: Single exposure – Category 3, Respiratory System,
May cause respiratory irritation.

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.

12. ECOLOGICAL INFORMATION

Eco toxicity: No Data Available

Persistence and Degradability: No Data Available

Bioaccumulation: No Data Available

Mobility: No Data Available

Other Adverse Effects: No Data Available

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Disposal of Wastes: This product is not expected to be a hazardous waste under RCRA. Dispose of in conformance with all federal, state and local regulations.

Contaminated Packaging: Dispose of as unused material.

14. TRANSPORT INFORMATION

D.O.T.: Not Regulated

I.M.D.G.: Not Regulated

Marine Pollutant: No

I.A.T.A.: Not Regulated

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 Known

SARA 311/312 Hazard Categories: Acute Health Hazard, Chronic Health Hazard

SARA 313 Hazard Components: None Known

CWA (Clean Water Act):

None Known

Supplemental State Compliance Information

California:

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.

Petroleum Asphalt, CAS#: 8052-42-4

Chromium Oxide, CAS#: 1333-82-0

New Jersey Right To Know:

CAS Number	Component Name
8052-42-4	Petroleum Asphalt
1333-82-0	Chromium Oxide

Pennsylvania Right To Know:

CAS Number	Component Name
8052-42-4	Petroleum Asphalt
1333-82-0	Chromium Oxide

U.S. EPA Label Information: No Data

16. OTHER INFORMATION

HMIS Classification:

Health hazard:	2*
Flammability:	1
Physical Hazards:	0

NFPA Rating:

Health hazard:	2
Fire:	1
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