




NFPA	WHMIS	PPE	Transport Symbol
			Not Regulated

Preparation Date 08-Dec-2006

Revision Date 15-May-2009

Revision Number 1

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name Ultra-Shield Rubberized Cement
Product Code 5105
UN-No 1999
Contact Manufacturer
 GMX, Inc.
 9105 Way Ave.
 Cleveland, OH 44105
 Ph: (216) 641-7502 Fax: (216) 641-0633

Emergency Telephone Number 1-800-762-8225 (24 Hrs.)

2. HAZARDS IDENTIFICATION

Emergency Overview		
Combustible material		
Appearance Black.	Physical State Liquid.	Odor Petroleum distillates.

Mexico - Grade Moderate risk, Grade 2

Potential Health Effects

Principle Routes of Exposure Skin contact, Eye contact, Inhalation, Ingestion.

Acute Effects

Eyes

Avoid contact with eyes. Moderately irritating to the eyes.

Skin

Avoid contact with skin. Repeated or prolonged skin contact may cause allergic reactions with susceptible persons. May cause sensitization by skin contact.

Inhalation

Avoid breathing vapors or mists. May cause irritation of respiratory tract.

Ingestion

Harmful if swallowed. Ingestion may cause irritation to mucous membranes. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea.

Chronic Effects

Prolonged exposure may cause chronic effects. Repeated contact may cause allergic reactions in very susceptible persons.

See Section 11 for additional Toxicological information.

Main Symptoms	Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting.
Aggravated Medical Conditions	Liver disorders. Kidney disorders. Skin disorders. Central nervous system.
Interactions with Other Chemicals	No information available.
Potential Environmental Effects	See Section 12 for additional Ecological information.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Components

Chemical Name	CAS-No	Weight %	North American Hazard Indicator
Petroleum Asphalt	8052-42-4	30 - 60	1
Carbon Black	1333-86-4	0.1 - 1	1
Styrene-Butadiene-Styrene, reprocessed	9003-55-8	1 - 5	1
Petroleum naphtha, light aromatic	64742-95-6	10 - 30	1
Hydrous Alumino Silicate	12174-11-7	5 - 10	1
Quartz (Crystalline Silica)	14808-60-7	0.1 - 1	1

4. FIRST AID MEASURES

General Advice	Immediate medical attention is required. Show this safety data sheet to the doctor in attendance. Remove from exposure, lie down.
Eye Contact	Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Keep eye wide open while rinsing. Remove from exposure, lie down. Call a physician immediately.
Skin Contact	Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes.
Inhalation	Move to fresh air. Call a physician immediately.
Ingestion	Do not induce vomiting. Call a physician or Poison Control Centre immediately. Never give anything by mouth to an unconscious person.
Notes to Physician	Treat symptomatically.
Protection of First-aiders	Use personal protective equipment. Avoid contact with skin, eyes and clothing. Remove all sources of ignition.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media	Foam. Dry powder. Dry chemical. Carbon dioxide (CO ₂).
Unsuitable Extinguishing Media	Do not use a solid water stream as it may scatter and spread fire.

Hazardous Combustion ProductsCarbon monoxide, Carbon dioxide (CO₂), Hydrocarbons.**Explosion Data****Sensitivity to mechanical impact**

No

Sensitivity to static discharge

Yes

Specific Hazards Arising from the Chemical

Combustible material. Keep product and empty container away from heat and sources of ignition.

Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Standard procedure for chemical fires.

NFPA**Health 1****Flammability 2****Instability 0****6. ACCIDENTAL RELEASE MEASURES****Personal Precautions**

Use personal protective equipment. Keep people away from and upwind of spill/leak. Remove all sources of ignition. Evacuate personnel to safe areas. Ensure adequate ventilation.

Environmental Precautions

Prevent further leakage or spillage if safe to do so. Prevent product from entering drains.

Methods for Containment

Dike with inert absorbant material

Methods for Cleaning Up

Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labelled containers. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).

Other Information

Not applicable

7. HANDLING AND STORAGE**Handling**

Wear personal protective equipment. Do not breathe vapours or spray mist. Ensure adequate ventilation. Keep away from open flames, hot surfaces and sources of ignition. Take precautionary measures against static discharges. Use only in an area containing flame proof equipment. To avoid ignition of vapours by static electricity discharge, all metal parts of the equipment must be grounded.

Storage

Keep in properly labelled containers. Keep tightly closed in a dry and cool place.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION**Exposure Guidelines**

Chemical Name	ACGIH TLV	OSHA PEL	Ontario TWAEV	Mexico
Petroleum Asphalt	TWA: 0.5 mg/m ³		TWA: 0.5 mg/m ³	STEL: 10 mg/m ³ TWA: 5 mg/m ³
Carbon Black	TWA: 3.5 mg/m ³	TWA: 3.5 mg/m ³	TWA: 3.5 mg/m ³	STEL: 7 mg/m ³ TWA: 3.5 mg/m ³
Quartz (Crystalline Silica)	TWA: 0.025 mg/m ³		TWA: 0.10 mg/m ³	TWA: 0.1 mg/m ³

Chemical Name	NIOSH IDLH
Carbon Black	1750 mg/m ³
Quartz (Crystalline Silica)	50 mg/m ³

IDLH: Immediately Dangerous to Life or Health

Engineering Measures Ensure adequate ventilation, especially in confined areas.

Personal Protective Equipment

Eye/face Protection Tightly fitting safety goggles. Safety glasses with side-shields.
Skin Protection Long sleeved clothing. Chemical resistant apron. Impervious butyl rubber gloves. Break through time. .?. Lightweight protective clothing. Antistatic boots.
Respiratory Protection Wear a positive-pressure supplied-air respirator.

Hygiene Measures

When using, do not eat, drink or smoke. Regular cleaning of equipment, work area and clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Black	
Odor	Petroleum distillates	
Physical State	Liquid	
pH	Not available	
Flash Point	100°F / 38°C	
Method	Tag closed cup	
Autoignition Temperature	Not available	
Boiling Point/Range	300-355°F / 149-179°C	
Freezing Point	Not available	
Flammability Limits in Air	Lower Not available	Upper Not available
Explosion Limits	Lower 1.0%	Upper 7.0%
Explosive Properties	Explosive Properties	
Oxidizing Properties	Not available	
Evaporation Rate	0.1 (n-butyl cetate =1)	
Vapor Pressure	10 mmHg @ 100 °F	
Vapor Density	4.3 @ Air = 1	
Specific Gravity	0.96	
Solubility	Not available	
Water Solubility	Not available	
Volatiles	23-27%	
VOC Content	250 g/L	

10. STABILITY AND REACTIVITY

Stability	Stable under recommended storage conditions. Hazardous polymerisation does not occur.
Conditions to Avoid	Heat, flames and sparks. Heating in air.
Incompatible Materials	No materials to be especially mentioned.
Hazardous Decomposition Products	Carbon oxides.
Possibility of Hazardous Reactions	Hazardous polymerisation does not occur

11. TOXICOLOGICAL INFORMATION

Acute Toxicity

Component Information

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Petroleum Asphalt	5000 mg/kg Rat	2000 mg/kg Rabbit	
Carbon Black	15400 mg/kg Rat	3 g/kg Rabbit	
Petroleum naphtha, light aromatic	8400 mg/kg Rat	2000 mg/kg Rabbit	3400 ppm Rat 4 h 5.2 mg/L Rat 4 h
Quartz (Crystalline Silica)	500 mg/kg Rat		

Chronic Toxicity

Carcinogenicity

The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical Name	ACGIH	IARC	NTP	OSHA	Mexico
Carbon Black		Group 2B		X	
Hydrous Alumino Silicate		Group 2B		X	
Quartz (Crystalline Silica)	A2	Group 1	Known	X	

12. ECOLOGICAL INFORMATION

Ecotoxicity

Contains no substances known to be hazardous to the environment or not degradable in waste water treatment plants

Carbon Black

Water Flea Data

Daphnia magna EC50>5600 mg/L (24 h)

Petroleum naphtha, light aromatic

Water Flea Data

Daphnia magna EC50=6.14 mg/L (48 h)

Persistence/Degradability

Not available

Bioaccumulation/ Accumulation

Not available

Mobility in Environmental Media

Not available

Petroleum Asphalt

log Pow = 6

13. DISPOSAL CONSIDERATIONS

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Waste Disposal Method	Should not be released into the environment. It must undergo special treatment, e.g. at suitable disposal site, to comply with local regulations.
Contaminated Packaging	Clean container with water. Empty containers should be taken for local recycling, recovery or waste disposal.
US EPA Waste Number	D001

14. TRANSPORT INFORMATION

<u>DOT</u>	Not Regulated
Subsidiary Class	
UN-No	1999
Reportable Quantity (RQ)	
<u>TDG</u>	Not regulated
Subsidiary Class	
<u>MEX</u>	Not regulated
Subsidiary Class	
<u>ICAO</u>	
UN-No	UN1999
Proper Shipping Name	Tars, liquid
Hazard Class	3
Subsidiary Class	
Packing Group	III
Description	Tars, liquid,UN1999,PG III
<u>IATA</u>	
UN-No	UN1999
Proper Shipping Name	Tars, liquid
Hazard Class	3
Subsidiary Class	
Packing Group	III
ERG Code	3L
Description	Tars, liquid,UN1999,PG III
<u>IMDG/IMO</u>	
Proper Shipping Name	Tars, liquid
Hazard Class	3
Subsidiary Class	
UN-No	UN1999
Packing Group	III
EmS No.	F-E, S-E
Description	Tars, liquid,UN1999,PG III

15. REGULATORY INFORMATION

International Inventories

Chemical Name	TSCA	DSL	NDSL	EINECS	ELINCS	ENCS	CHINA	KECL	PICCS	AICS
Petroleum Asphalt	X	X	-	X	-	-	X	X	X	X
Carbon Black	X	X	-	X	X	X	X	X	X	X
Styrene-Butadiene-Styrene, reprocessed	X	X	-	-	-	X	X	X	X	X
Petroleum naphtha, light aromatic	X	X	-	X	-	-	X	X	X	X
Hydrous Alumino Silicate	-	-	-	-	-	-	X	-	X	X
Quartz (Crystalline Silica)	X	X	-	X	-	X	X	X	X	X

TSCA	Does not Comply
DSL	Does not Comply
NDSL	Complies
EINECS	Does not Comply
ELINCS	Does not Comply
ENCS	Does not Comply
CHINA	Does not Comply
KECL	Does not Comply
PICCS	Does not Comply
AICS	Does not Comply

USA**Federal Regulations****SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40n of the Code of Federal Regulations, Part 372:

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)

This product contains the following HAPs:

State Regulations**California Proposition 65**

This product contains the following Proposition 65 chemicals:

Chemical Name	CAS-No	Category	Type
Carbon Black	1333-86-4	Carcinogen	
Hydrous Alumino Silicate	12174-11-7	Carcinogen	
Quartz (Crystalline Silica)	14808-60-7	Carcinogen	

State Right-to-Know

Chemical Name	Massachusetts	New Jersey	Pennsylvania	Illinois	Rhode Island
Petroleum Asphalt	X	X	X		X
Carbon Black	X	X	X	X	X
Quartz (Crystalline Silica)	X	X	X		X

Canada

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

WHMIS Hazard Class

B3 Combustible liquid

D2B Toxic materials

Legend

NPRI - National Pollutant Release Inventory

16. OTHER INFORMATION**Preparation Date** 08-Dec-2006**Revision Date** 15-May-2009**Revision Summary** Not available

Disclaimer

The information provided on this MSDS 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 as 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 material or in any process, unless specified in the text.

End of MSDS