




NFPA	WHMIS	PPE	Transport Symbol
			Not Regulated

Preparation Date No data available

Revision Date 15-May-2009

Revision Number 3

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name Ultra-Shield SB Waterproofing
Product Code 1721
UN-No Not available
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		
Appearance Black.	Physical State Liquid.	Odor Petroleum distillates.

Mexico - Grade Slight risk, Grade 1

Potential Health Effects

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

Acute Effects

Eyes May cause slight irritation.
Skin May cause sensitization by skin contact.
Inhalation Symptoms and signs include headache, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness.
Ingestion Ingestion may cause irritation to mucous membranes.

Chronic Effects

Repeated contact may cause allergic reactions in very susceptible persons

See Section 11 for additional Toxicological information.

Aggravated Medical Conditions Skin disorders. Liver disorders. Kidney disorders.

Interactions with Other Chemicals Not 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
Stoddard solvent	8052-41-3	10 - 30	1
Petroleum Asphalt	8052-42-4	30 - 60	1
Petroleum naphtha, light aromatic	64742-95-6	5 - 10	1
Poly(butadiene-co-styrene)	9003-55-8	5 - 10	1

4. FIRST AID MEASURES

Eye Contact	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
Skin Contact	Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes. If skin irritation persists, call a physician.
Inhalation	Move to fresh air.
Ingestion	Do not induce vomiting. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician.
Notes to Physician	Treat symptomatically.

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 Products	Carbon monoxide, Carbon dioxide (CO ₂), Hydrocarbons.
Explosion Data	
Sensitivity to mechanical impact	No
Sensitivity to static discharge	Yes

Specific Hazards Arising from the Chemical

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.

NFPA

Health 1

Flammability 2

Instability 0

6. ACCIDENTAL RELEASE MEASURES

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Personal Precautions	Evacuate personnel to safe areas. Remove all sources of ignition.
Environmental Precautions	Prevent further leakage or spillage if safe to do so. Local authorities should be advised if significant spillages cannot be contained. Keep out of waterways.
Methods for Containment	Dike with inert absorbant material
Methods for Cleaning Up	Soak up with inert absorbent material. Pick up and transfer to properly labelled containers. Keep in suitable and closed containers for disposal.
Other Information	Not applicable

7. HANDLING AND STORAGE

Handling	Remove and wash contaminated clothing before re-use. Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapours).
Storage	Keep tightly closed in a dry and cool place. Keep in properly labelled containers. Keep away from heat and sources of ignition. Keep out of the reach of children.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	Ontario TWAEV	Mexico
Stoddard solvent	TWA: 100 ppm	TWA: 2900 mg/m ³ TWA: 500 ppm	TWA: 525 mg/m ³	STEL: 200 ppm STEL: 1050 mg/m ³ TWA: 523 mg/m ³ TWA: 100 ppm
Petroleum Asphalt	TWA: 0.5 mg/m ³		TWA: 0.5 mg/m ³	STEL: 10 mg/m ³ TWA: 5 mg/m ³

Chemical Name	NIOSH IDLH
Stoddard solvent	20000 mg/m ³

Engineering Measures	Do not allow ventilation equipment to draw material odors indoors..
Personal Protective Equipment	
Eye/face Protection	Safety glasses with side-shields.
Skin Protection	Long sleeved clothing. Impervious gloves.
Respiratory Protection	When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

Hygiene Measures

Remove and wash contaminated clothing before re-use. Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Black
Odor	Petroleum distillates
Physical State	Liquid

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pH	Not available	
Flash Point	100°F / 38°C	
Method	Tag closed cup	
Autoignition Temperature	540°F / 282°C	
Boiling Point/Range	300-390°F / 149-199°C	
Freezing Point	Not available	
Flammability Limits in Air	Lower Not available	Upper Not available
Explosion Limits	Lower 0.8%	Upper 7.0%
Explosive Properties	Not available	
Oxidizing Properties	Not available	
Evaporation Rate	40x slower (ether = 1)	
Vapor Pressure	6-10 mmHg @ 100 °F	
Vapor Density	3.9-4.3 @ Air = 1	
Specific Gravity	0.91	
Water Solubility	slightly soluble	
Volatiles	50-60%	
VOC Content	370 g/L	

10. STABILITY AND REACTIVITY

Stability	Stable under normal conditions.
Conditions to Avoid	Heat, flames and sparks.
Incompatible Materials	No materials to be especially mentioned
Hazardous Decomposition Products	Carbon monoxide. Carbon dioxide (CO ₂). Hydrocarbons.
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	
Petroleum naphtha, light aromatic	8400 mg/kg Rat	2000 mg/kg Rabbit	3400 ppm Rat 4 h 5.2 mg/L Rat 4 h

Chronic Toxicity

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

12. ECOLOGICAL INFORMATION

Ecotoxicity

12. ECOLOGICAL INFORMATION

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

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

Waste Disposal Method Dispose of in accordance with local regulations.

Contaminated Packaging Empty containers should be taken for local recycling, recovery or waste disposal.

US EPA Waste Number D001

14. TRANSPORT INFORMATION

DOT Not Regulated

TDG Not regulated

MEX Not regulated

ICAO Not regulated

IATA Not regulated

IMDG/IMO Not regulated

15. REGULATORY INFORMATION

International Inventories

Chemical Name	TSCA	DSL	NDSL	EINECS	ELINCS	ENCS	CHINA	KECL	PICCS	AICS
Stoddard solvent	X	X	-	X	-	-	X	X	X	X
Petroleum Asphalt	X	X	-	X	-	-	X	X	X	X
Petroleum naphtha, light aromatic	X	X	-	X	-	-	X	X	X	X
Poly(butadiene-co-styrene)	X	X	-	-	-	X	X	X	X	X

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

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

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and 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 does not contain any HAPs.

State Regulations**California Proposition 65**

WARNING: This product contains a chemical(s) known to the State of California to cause cancer.

State Right-to-Know

Chemical Name	Massachusetts	New Jersey	Pennsylvania	Illinois	Rhode Island
Stoddard solvent	X	X	X		X
Petroleum Asphalt	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

Not determined

16. OTHER INFORMATION

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