

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Revision date: 11/21/2019

SECTION 1: Identification of the substance/mixture and of the company/undertaking

Product identifier 1.1.

Product form : Mixture

Product name : Herculiner Truck Bed Liner Black

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture : Truck Bed Liner

Details of the supplier of the safety data sheet

Old World Industries, LLC 3100 Sanders Road Northbrook, IL 60062 - USA T (847) 559-2000 www.oldworldind.com

Emergency telephone number

Emergency number : 800 424 9300 (United States); 00 1 703 527 3887 (International)

Chemtrec

SECTION 2: Hazards identification

Classification of the substance or mixture

GHS-US classification

Flammable liquids, H226 Flammable liquid and vapor

Category 3

Acute toxicity H332 Harmful if inhaled.

(inhalation:dust,mist)

Category 4

Skin corrosion/irritation, H315 Causes skin irritation.

Category 2

Respiratory sensitisation, H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.

Category 1

Skin sensitisation, Category H317 May cause an allergic skin reaction.

exposure, Category 2

Carcinogenicity, Category 2 H351 Suspected of causing cancer.

Specific target organ H373

May cause damage to organs (Respiratory tract) through prolonged or repeated exposure toxicity — Repeated (Inhalation, oral).

Full text of H statements : see section 16

Label elements 2.2.

GHS-US labelling

Hazard pictograms (GHS-US)



GHS07



GHS02

GHS08

Signal word (GHS-US) : Danger

Hazard statements (GHS-US) H226 - Flammable liquid and vapor

H315 - Causes skin irritation.

H317 - May cause an allergic skin reaction.

H332 - Harmful if inhaled.

H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled.

H351 - Suspected of causing cancer.

H373 - May cause damage to organs (Respiratory tract) through prolonged or repeated

exposure (Inhalation, oral).

P201 - Obtain special instructions before use. Precautionary statements (GHS-US)

P202 - Do not handle until all safety precautions have been read and understood.

P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No

smoking, heat, hot surfaces, open flames, sparks

P233 - Keep container tightly closed.

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Precautionary statements (GHS-US) continued

: P260 - Do not breathe mist, spray, vapors

P264 - Wash affected areas thoroughly after handling. P271 - Use only outdoors or in a well-ventilated area.

P280 - Wear personal protective equipment as required.

P302+P352 - If on skin: Wash with plenty of water

P304+P340 - If inhaled: Remove person to fresh air and keep comfortable for breathing

P314 - Get medical advice/attention if you feel unwell.

P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.

P342+P311 - If experiencing respiratory symptoms: Call a doctor/physician or poison center

P362+P364 - Take off contaminated clothing and wash it before reuse.

P370+P378 - In case of fire: Use foam, dry extinguishing powder, carbon dioxide (CO2) to extinguish.

P403+P235 - Store in a well-ventilated place. Keep cool.

P405 - Store locked up.

P501 - Dispose of contents/container to appropriate waste disposal facility, in accordance with

local/regional/national/international regulations

2.3. Other hazards

No additional information available

2.4. Unknown acute toxicity (GHS US)

No data available

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	% by wt	GHS-US classification
xylene, mixture of isomers	(CAS-No.) 1330-20-7	<= 29.4	Flam. Liq. 3, H226 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Inhalation), H332 Acute Tox. 4 (Inhalation:dust,mist), H332 Skin Irrit. 2, H315
methylenediphenyl diisocyanate, isomer mixture	(CAS-No.) 26447-40-5	<= 5.3	Acute Tox. 4 (Inhalation), H332 Acute Tox. 2 (Inhalation:dust,mist), H330 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Resp. Sens. 1, H334 Skin Sens. 1, H317 Carc. 2, H351 STOT SE 3, H335 STOT RE 2, H373

Full text of hazard classes and H-statements : see section 16

SECTION 4: First aid measures

First-aid measures after skin contact

4.1. Description of	f first aid measures

First-aid measures general : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical

advice (show the label where possible). Symptoms of poisoning may not appear for several hours, supervision of a doctor is necessary during at least 48h after an accident happened.

First-aid measures after inhalation : If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for

breathing. If experiencing respiratory symptoms: Get immediate medical advice/attention. If not breathing, give artificial respiration.

: Take off immediately all contaminated clothing. Wash with plenty of water/.... Wash

contaminated clothing before reuse. If skin irritation or rash occurs: Get medical

advice/attention.

First-aid measures after eye contact : Remove contact lenses, if present and easy to do. Continue rinsing. Rinse cautiously with

water for several minutes. If eye irritation persists: Get immediate medical advice/attention.

First-aid measures after ingestion : Rinse mouth. Drink plenty of water. Do NOT induce vomiting. Obtain emergency medical attention. A person vomiting while laying on their back should be turned onto their side.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms/effects after inhalation : May cause allergy or asthma symptoms or breathing difficulties if inhaled. Prolonged exposure

to small concentrations may result in pulmonary edema. Vapor inhalation and/or skin absorption can cause central nervous system effects, including dizziness, light-headedness,

headache, nausea and loss of coordination.

Symptoms/effects after skin contact : Causes skin irritation. May cause an allergic skin reaction.

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Symptoms/effects after eye contact : Causes serious eye irritation.

Symptoms/effects after ingestion : Nausea. Gastrointestinal complaints. Dizziness.

4.3. Indication of any immediate medical attention and special treatment needed

If swallowed or in case of vomitting, danger of entering the lungs. Severe allergic skin reaction, bronchial spasms and anaphylactic shock are possible. In cases of irritation to the lungs, initial treatement with cortical steroid inhalants. If necessary oxygen respiration treatment. Treat skin and mucous membrane with anithistamine and corticoid preparations. Contains diphenylmethanediisocyanate, isomers and homologues. May produce an allergic reaction.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Explosion hazard

Suitable extinguishing media : Foam. Dry powder. Carbon dioxide. Sand.

Unsuitable extinguishing media : Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

Fire hazard : Flammable liquid and vapor. During a fire, smoke may contain the original material in addition

: May form flammable/explosive vapor-air mixture.

to combustion products of varying composition which may be toxic and/or irritating. Combustion

products may include and are not limited to: Carbon monoxide. Carbon dioxide.

Reactivity : Cures with exposure to water vapor.

5.3. Special protective equipment and precautions for fire-fighters

Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any

chemical fire. Prevent fire fighting water from entering the environment.

Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Remove ignition sources. Use special care to avoid static electric charges. No open flames. No

smoking. Isolate from fire, if possible, without unnecessary risk.

6.1.1. For non-emergency personnel

Protective equipment : Wear suitable respiratory equipment in case of insufficient ventilation.

Emergency procedures : Evacuate unnecessary personnel.

6.1.2. For emergency responders

Protective equipment : Equip cleanup crew with proper protection. Refer to section 8.2.

Emergency procedures : Ventilate area.

6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

For containment : Leave the product to solidify. Take up mechanically (sweeping, shovelling) and collect in

suitable container for disposal. Ensure adequate ventilation, especially in confined areas. Do

not flush with water.

Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect

spillage. Store away from other materials.

6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Additional hazards when processed : Handle empty containers with care because residual vapors are flammable.

Precautions for safe handling : Wash hands and other exposed areas with mild soap and water before eating, drinking or

smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor.

Hygiene measures : Wash affected areas thoroughly after handling. Wash contaminated clothing before reuse.

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7.2. Conditions for safe storage, including any incompatibilities

Storage conditions

: Keep only in the original container in a cool, well ventilated place away from : Direct sunlight, Heat sources. Do not store near food, foodstuffs, drugs or potable water supplies. Store in a well-ventilated place. Keep container tightly closed. Do not allow water (or moist air) contact with this material.

Incompatible products

: Keep away from strong acids, strong bases and oxidizing agents.

Incompatible materials

: Sources of ignition. Direct sunlight. Heat sources.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

xylene, mixture of isomers (1330-20-7)		
ACGIH	Local name	Xylene
ACGIH	ACGIH TWA (mg/m³)	434 mg/m³
ACGIH	ACGIH TWA (ppm)	100 ppm
ACGIH	ACGIH STEL (mg/m³)	651 mg/m³
ACGIH	ACGIH STEL (ppm)	150 ppm
ACGIH	Remark (ACGIH)	Upper Respiratory Tract & eye irritant; Central Nervous System impairment
OSHA	OSHA PEL (TWA) (mg/m³)	435 mg/m³
OSHA	OSHA PEL (TWA) (ppm)	100 ppm
OSHA	OSHA PEL (STEL) (mg/m³)	655 mg/m³
OSHA	OSHA PEL (STEL) (ppm)	150 ppm

methylenediphenyl diisocyanate, isomer mixture (26447-40-5)

Not applicable

8.2. Appropriate engineering controls

No additional information available

8.3. Individual protection measures/Personal protective equipment

Personal protective equipment:

Avoid all unnecessary exposure. Gloves. Safety glasses. High gas/vapor concentration: gas mask.

Hand protection:

Wear protective gloves.

Eye protection:

Chemical goggles or safety glasses

Skin and body protection:

Wear suitable protective clothing

Respiratory protection:

In case of inadequate ventilation wear respiratory protection. Combined gas/dust mask with filter type A/P2







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Other information:

Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state: LiquidAppearance: Pigment.Color: BlackOdor: Sweet

Odor threshold : No data available

pH : 8

Relative evaporation rate (butylacetate=1) : No data available Melting point : < -46 °C (< -50 °F) Freezing point : No data available Boiling point : 140 °C (284 °F)

Flash point : 27 °C (81 °F) [Method Used: ASTM D56]

Auto-ignition temperature : $> 200 \, ^{\circ}\text{C} \, (> 392 \, ^{\circ}\text{F})$ Decomposition temperature : $200 \, ^{\circ}\text{C} \, (392 \, ^{\circ}\text{F})$ Flammability (solid, gas) : Flammable

Vapor pressure : 14.2 hPa @ 20 °C (68 °F)

Relative vapor density at 20 °C : No data available

Specific Gravity : 1.03
Density : 1.03 g/cm³

Percent Solids : > 70 % by mass (65% by volume)
Solubility : Water: Not miscible, reacts with water

Log Pow : No data available
Log Kow : No data available
Viscosity, kinematic : Not determined

Viscosity, dynamic : 375 cP (65 Krebs Units) @ 40 °C (104 °F)

Explosive limits : 2.1 - 11.5 vol %

Explosive properties : Container can be pressurised by carbon dioxide due to reaction with humid air and/or water.

Pressurised container: May burst if heated. In use, may form flammable / explosive vapor air

mixture.

Oxidizing properties : No data available

9.2. Other information

VOC content : <= 29.6 % <= 250 g/L

Percent Solids : > 70 % by mass (65% by volume)

SECTION 10: Stability and reactivity

10.1. Reactivity

Cures with exposure to water vapor.

10.2. Chemical stability

Stable.

10.3. Possibility of hazardous reactions

Not established.

10.4. Conditions to avoid

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

10.5. Incompatible materials

Keep away from strong acids, strong bases and oxidizing agents. water.

10.6. Hazardous decomposition products

May release flammable gases. Carbon monoxide. Carbon dioxide. Fume. Hydrogen cyanide. (prussic acid). Isocyanates. Nitrogen oxides.

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SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified

Herculiner Truck Bed Liner Black	
ATE US (dust,mist)	4.323 mg/l/4h
xylene, mixture of isomers (1330-20-7)	
LD50 oral rat	3523 mg/kg bodyweight (Equivalent or similar to EU Method B.1: Acute Toxicity (Oral), Rat, Male, Experimental value, Oral, 14 day(s))
ATE US (oral)	3523 mg/kg bodyweight
ATE US (dermal)	1100 mg/kg bodyweight
ATE US (gases)	4500 ppmv/4h
ATE US (vapors)	11 mg/l/4h
ATE US (dust,mist)	1.5 mg/l/4h

methylenediphenyl diisocyanate, isomer mixture (26447-40-5)	
LD50 oral rat	> 2000 mg/kg bodyweight (Other, Rat, Male / female, Experimental value, Oral)
LD50 dermal rabbit	> 9400 mg/kg bodyweight (Equivalent or similar to OECD 402, 24 h, Rabbit, Male / female, Read-across, Skin)
LC50 inhalation rat (mg/l)	0.49 mg/l/4h (Equivalent or similar to OECD 403, 4 h, Rat, Male/female, Read-across)
ATE US (gases)	4500 ppmv/4h
ATE US (vapors)	0.49 mg/l/4h
ATE US (dust,mist)	0.49 mg/l/4h

Skin corrosion/irritation : Causes skin irritation.

pH: 8

Serious eye damage/irritation : Not classified

pH: 8

Respiratory or skin sensitisation : May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause an

allergic skin reaction.

Germ cell mutagenicity : Not classified

Carcinogenicity : Suspected of causing cancer.

Reproductive toxicity : Not classified STOT-single exposure : Not classified

xylene, mixture of isomers (1330-20-7)	
Additional information	Xylene has been found to cause cardiac, liver and kidney effects, anemia and eye damage in laboratory animals. Prolonged and repeated inhalation of hydrocarbon solvents such as xylene can cause chronic neurological disturbances. Chronic exposure to xylene has been shown to cause hearing loss in experimental animals.

STOT-repeated exposure : May cause damage to organs (Respiratory tract) through prolonged or repeated exposure

(Inhalation, oral).

Aspiration hazard : Not classified

Potential adverse human health effects and

Symptoms/effects after inhalation

symptoms

: Based on available data, the classification criteria are not met.

: May cause allergy or asthma symptoms or breathing difficulties if inhaled. Prolonged exposure

to small concentrations may result in pulmonary edema. Vapor inhalation and/or skin absorption can cause central nervous system effects, including dizziness, light-headedness,

headache, nausea and loss of coordination.

Symptoms/effects after skin contact : Causes skin irritation. May cause an allergic skin reaction.

Symptoms/effects after eye contact : Causes serious eye irritation.

Symptoms/effects after ingestion : Nausea. Gastrointestinal complaints. Dizziness.

SECTION 12: Ecological information

12.1. Toxicity

xylene, mixture of isomers (1330-20-7)	
LC50 fish 1	2.60 mg/l (OECD 203: Fish, Acute Toxicity Test, 96 h, Oncorhynchus mykiss, Static renewal, Fresh water, Read-across, Lethal)

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xylene, mixture of isomers (1330-20-7)		
ErC50 (algae)	4.36 mg/l (OECD 201: Alga, Growth Inhibition Test, 73 h, Pseudokirchneriella subcapitata, Static system, Fresh water, Experimental value, GLP)	
methylenediphenyl diisocyanate, isomer mixture (26447-40-5)		
LC50 fish 1	> 1,000.00 mg/l (OECD 203: Fish, Acute Toxicity Test, 96 h, Brachydanio rerio, Static system, Fresh water, Read-across, Lethal)	
EC50 Daphnia 1	> 1,000.00 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 24 h, Daphnia magna, Static system, Fresh water, Read-across)	

12.2. Persistence and degradability

xylene, mixture of isomers (1330-20-7)	
Persistence and degradability Biodegradable in the soil. Readily biodegradable in water.	
methylenediphenyl diisocyanate, isomer mixture (26447-40-5)	
methylenediphenyl diisocyanate, isomer mix	ture (26447-40-5)

12.3. Bioaccumulative potential

xylene, mixture of isomers (1330-20-7)	
BCF fish 1	15.00 8 weeks; Salmo gairdneri (Oncorhynchus mykiss)
BCF fish 2	7 - 26 (8 weeks; Oncorhynchus mykiss)
Log Pow	3.20 (Read-across, 20 °C)
Bioaccumulative potential	Low potential for bioaccumulation (BCF < 500).

methylenediphenyl diisocyanate, isomer mixture (26447-40-5)	
BCF fish 1	92.00 (OECD 305: Bioconcentration: Flow-Through Fish Test, 28 day(s), Cyprinus carpio, Flow-through system, Fresh water, Read-across, GLP)
Log Pow	4.51 (Experimental value, OECD 117: Partition Coefficient (n-octanol/water), HPLC method, 22 °C)
Bioaccumulative potential	Does not contain bioaccumulative component(s).

12.4. Mobility in soil

xylene, mixture of isomers (1330-20-7)		
Surface tension	28.01 - 29.76 mN/m (25 °C)	
Log Koc	2.73 (log Koc, Equivalent or similar to OECD 121, Read-across)	
Ecology - soil	Low potential for adsorption in soil. May be harmful to plant growth, blooming and fruit formation.	
methylenediphenyl diisocyanate, isomer mixture (26447-40-5)		
Ecology - soil	No (test)data on mobility of the components available.	

12.5. Other adverse effects

Effect on the ozone layer : No additional information available

Other information : Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product/Packaging disposal recommendations : Dispose of contents/container to appropriate waste disposal facility, in accordance with

local/regional/national/international regulations.

Additional information : Handle empty containers with care because residual vapors are flammable.

Ecology - waste materials : Avoid release to the environment.

SECTION 14: Transport information

Department of Transportation (DOT)

In accordance with DOT

Other information : DOT Limited Quantity Exemption (49 CFR 173.150) Outer Packaging: "Limited Quantity" and

ISO orientation arrows. Pallets: If "Limited Quantity" on outer packaging is visible labeling not

required. Otherwise label as "Limited Quantity." Container/Trailer: None required.

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Transportation of Dangerous Goods

Refer to current TDG Canada for further Canadian regulations

Transport by sea

In accordance with IMDG / IMO

Transport document description (IMDG) : UN 1263 PAINT, 3, III

UN-No. (IMDG) : 1263
Proper Shipping Name (IMDG) : PAINT

Class (IMDG) : 3 - Flammable liquids

Packing group (IMDG) : III - substances presenting low danger

Limited quantities (IMDG) : Transport and packing are in accordance with the regulation for limited quantities.

Limited quantities (IMDG) : 5 L EmS-No. (1) : F-E EmS-No. (2) : S-E

Air transport

In accordance with IATA / ICAO

Transport document description (IATA) : UN 1263 Paint, 3, III

UN-No. (IATA) : 1263
Proper Shipping Name (IATA) : Paint

Class (IATA) : 3 - Flammable Liquids
Packing group (IATA) : III - Minor Danger

SECTION 15: Regulatory information

15.1. US Federal regulations

Herculiner Truck Bed Liner Black		
EPA TSCA Regulatory Flag	Toxic Substances Control Act (TSCA): The intentional ingredients of this product are listed	
xylene, mixture of isomers (1330-20-7)		
SARA Section 313 - Emission Reporting	1 % Subject to Form R - Reporting requirements; Subject to Supplier notification	
methylenediphenyl diisocyanate, isomer mixture (26447-40-5)		
Listed on the United States TSCA (Toxic Substances Control Act) inventory		

15.2. International regulations

CANADA

Herculiner Truck Bed Liner Black	
WHMIS Classification	This SDS has been prepared according to the criteria of the Hazardous Products Regulations (HPR) (WHMIS 2015) and the SDS contains all of the information required by the HPR. Applicable GHS information is listed in section 2.2 of this SDS.

methylenediphenyl diisocyanate, isomer mixture (26447-40-5)

Listed on the Canadian DSL (Domestic Substances List)

15.3. US State regulations

California Proposition 65 - This product does not contain any substance(s) known to the state of California to cause cancer, developmental toxicity and/or reproductive toxicity

xylene, mixture of isomers (1330-20-7)

- U.S. Pennsylvania RTK (Right to Know) List
- U.S. New Jersey Right to Know Hazardous Substance List
- U.S. Massachusetts Right To Know List

New York- Reporting of Releases Par 597- List of Hazardous Substances: 1000 lb RQ (air); 1 lb RQ (land/water)

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SECTION 16: Other information

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Full text of H-statements:

H226	Flammable liquid and vapor
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H330	Fatal if inhaled.
H332	Harmful if inhaled.
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H335	May cause respiratory irritation.
H351	Suspected of causing cancer.
H373	May cause damage to organs through prolonged or repeated exposure.

NFPA health hazard : 2 - Materials that, under emergency conditions, can cause temporary

incapacitation or residual injury.

NFPA fire hazard : 3 - Liquids and solids (including finely divided suspended solids) that

can be ignited under almost all ambient temperature conditions.

NFPA reactivity : 0 - Material that in themselves are normally stable, even under fire

conditions.



SDS GHS US (GHS HazCom 2012) OWI

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