

Safety Data Sheet according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations Date of issue: 06/01/2015 Version: 1.0

SECTIO		stance/mixture and of the company/undertaking
1.1.	Product identifier	
Product f	orm	: Mixture
Product r	name	: AmerSeal Premium Heavy Duty Tire Sealant
1.2.	Relevant identified uses of the subs	stance or mixture and uses advised against
Use of the	e substance/mixture	: Tire Sealant
1.3.	Details of the supplier of the safety	data sheet
1808 Lim Clay Cen T 785-63	n Sealants Company Inc. nestone Road nter, Kansas 67432 - USA i2-2322 <u>w.amerseal.com</u>	
1.4.	Emergency telephone number	
Emergen	icy number	: 785-632-2322
SECTIO	ON 2: Hazards identification	
2.1.	Classification of the substance or n	nixture
	ation (GHS-US)	
	x. 4 (Oral) H302	
	of H-phrases: see section 16	
	•	
2.2. GHS-US	Label elements	
	ictograms (GHS-US)	: GHS07
Signal wo	ord (GHS-US)	: Warning
•	tatements (GHS-US)	: H302 - Harmful if swallowed
	onary statements (GHS-US)	 P201 - Obtain special instructions before use P202 - Do not handle until all safety precautions have been read and understood P264 - Wash hands and other exposed areas thoroughly after handling P270 - Do not eat, drink or smoke when using this product P280 - Wear protective gloves/protective clothing/eye protection P301 + P312 - If swallowed: Call a poison center/doctor if you feel unwell P308 + P313 - If exposed or concerned: Get medical advice/attention
2.3.	Other hazards	
	onal information available	
2.4.	Unknown acute toxicity (GHS US)	
None of t	the ingredients are of unknown toxicity.	
SECTIO	ON 3: Composition/informatio	on on ingredients
3.1.	Substance	

Not applicable - the product is a mixture

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SECTION 4: First aid measures 4.1. Description of first aid measures First-aid measures general : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice/attention. Call a poison center/doct of ity use feel unwell. First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. Allow victim to breath fresh air. Allow the victim to rest. First-aid measures after inhalation : Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. First-aid measures after ingestion : Do NOT induce vomiting. Obtain emergency medical attention it pain, blinking or redness persists. Rinse eves with water is a procaution. First-aid measures after ingestion : Do NOT induce vomiting. Obtain emergency medical attention. Call a POISON CENTER or doctor/physical. Rinse mouth. 4.2. Most important symptoms and effects, both acute and delayed Symptoms/inuries after ingestion : Swallowing a small quantity of this material will result in serious health hazard. 4.3. Indication of any immediate medical attention and special treatment needed Treat symptomaically. : SECTION 5: Firefighting measures : 5:1. Extinguishing media : Product is not combustible; use media suitable for surrounding flammable material such as:Sand. Water spray. Dry powder. Foam. Carbon dioxide. 5:2. Adv	3.2. Mixture		
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	Methods for cleaning up	diatomaceous earth as soon as possible. Col	lect spillage. Store away from other materials.
	Other information		

6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

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SECTION 7: Handling and storage	
7.1. Precautions for safe handling	
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 hands and other exposed areas thoroughly after handling. Do not eat, drink or smoke when using this product.
7.2. Conditions for safe storage, including	ng any incompatibilities
Storage conditions	: Keep only in the original container in a cool, well ventilated place. Keep container tightly closed.
Incompatible products	: Strong bases. Strong acids.
Incompatible materials	: None known.

Specific end use(s) 7.3. No additional information available

SECTION 8: Exp	osure controls/personal protection		
3.1. Control parameters			
AmerSeal Premium	Heavy Duty Tire Sealant		
ACGIH Not applicable			
OSHA Not applicable			
Ethylene glycol (10	7-21-1)		
ACGIH	ACGIH Ceiling (mg/m ³)	100 mg/m³	
OSHA	Not applicable	Not applicable	
Titanium dioxide (1	3463-67-7)		
ACGIH	ACGIH TWA (mg/m ³)	10 mg/m³	
OSHA	OSHA PEL (TWA) (mg/m³)	15 mg/m ³ (total dust)	
Attapulgite (12174-11-7)			
ACGIH	Not applicable		
OSHA	Not applicable		

8.2. Exposure controls	
Appropriate engineering controls	: Ensure good ventilation of the work station.
Personal protective equipment	: Avoid all unnecessary exposure.
Hand protection	: Wear protective gloves.
Eye protection	: Chemical goggles or safety glasses.
Skin and body protection	: Wear suitable protective clothing.
Respiratory protection	 Not typically required if exposures are maintained below established limits. When needed, wear NIOSH approved mask.
Environmental exposure controls	: Avoid release to the environment.
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 : Liquid : Viscous liquid Appearance Color : Off white Odor : Slightly ammonia-like Odor threshold : No data available : 8.2 - 8.8 pН Melting point : Not applicable Freezing point : < -42.8 °C

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Boiling point	: > 127 °C
Flash point	: No data available, None detected
Relative evaporation rate (butyl acetate=1)	: No data available
Flammability (solid, gas)	: No data available
Explosion limits	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available
Vapor pressure	: No data available
Relative density	: 1.08
Relative vapor density at 20 °C	: No data available
Solubility	: Emulsifies in water.
Log Pow	: No data available
Log Kow	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available

9.2. Other information

Ν

No addi	No additional information available			
SECT	SECTION 10: Stability and reactivity			
10.1.	Reactivity			
The pro	duct is non-reactive under normal conditions of use, storage and transport.			
10.2.	Chemical stability			
This pro	duct is stable under normal conditions of use.			
10.3.	Possibility of hazardous reactions			
Not esta	ablished.			
10.4.	Conditions to avoid			
None kr	nown.			
10.5.	Incompatible materials			
Strong a	acids. Strong bases.			
10.6.	Hazardous decomposition products			
Fumes.	Carbon monoxide. Carbon dioxide.			
SECT	ION 11: Toxicological information			

11.1. Information on toxicological effects

Acute toxicity

: Oral: Harmful if swallowed.

AmerSeal Premium Heavy Duty Tire Sealant		
Acute Toxicity Estimate (ATE) US (oral)	1066.098 mg/kg body weight	
Ethylene glycol (107-21-1)		
LD50 oral rat	4000 mg/kg	
ATE US (oral)	500.000 mg/kg body weight	
Titanium dioxide (13463-67-7)		
LD50 oral rat	> 10000 mg/kg	
Skin corrosion/irritation	: Not classified	
	pH: 8.2 - 8.8	
Serious eye damage/irritation	: Not classified	
	pH: 8.2 - 8.8	
Respiratory or skin sensitization	: Not classified	

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Germ cell mutagenicity	: Not classified
o <i>i</i>	
Carcinogenicity	: Not classified
Titanium dioxide (13463-67-7)	
IARC group	2B - Possibly carcinogenic to humans (respirable dust form only)
Attapulgite (12174-11-7)	
IARC group	2B - Possibly carcinogenic to humans (respirable dust form only)
Reproductive toxicity	: Not classified
Specific target organ toxicity (single exposure)	: Not classified
Specific target organ toxicity (repeated exposure)	: Not classified
Aspiration hazard	: Not classified
Potential Adverse human health effects and symptoms	: Harmful if swallowed.
Symptoms/injuries after ingestion	: Swallowing a small quantity of this material will result in serious health hazard.
SECTION 12: Ecological information	

SECTION 12: Ecological Informa	Ition
12.1. Toxicity	
Ecology - general	: The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.
Ethylene glycol (107-21-1)	
LC50 fish 1	41000 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss)
EC50 Daphnia 1	46300 mg/l (Exposure time: 48 h - Species: Daphnia magna)
EC50 other aquatic organisms 1	6500 - 13000 mg/l (Exposure time: 96 h - Species: Pseudokirchneriella subcapitata)
LC50 fish 2	14 - 18 ml/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static])

			······································
LC50 fish 2		sh 2	14 - 18 ml/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static])
	12.2.	Persistence and degradability	

AmerSeal Premium Heavy Duty Tire Sealant	
Persistence and degradability	Not established.

12.3.	12.3. Bioaccumulative potential		
AmerSeal Premium Heavy Duty Tire Sealant			
Bioaccumulative potential		Not established.	
Ethylene glycol (107-21-1)			
Log Po	W	-1.93	

Mobility in soil 12.4.

No additional information available

12.5. Other adverse effects

Other information

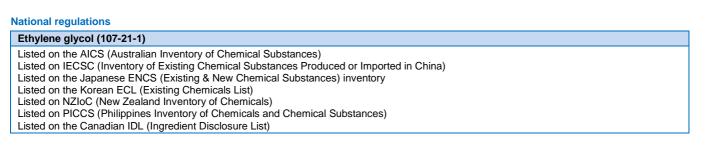
: Avoid release to the environment.

SECTION 13: Disposal considerations					
13.1. Waste treatment methods					
Waste disposal recommendations	: Dispose in a safe manner in accordance with local, state and federal regulations.				
Ecology - waste materials	: Avoid release to the environment.				

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SECTION 14: Transport information						
Department of Transportation (DOT) In accordance with DOT						
Additional information						
ADR No additional information available						
Fransport by sea No additional information available						
Air transport No additional information available						
SECTION 15: Regulatory information						
15.1. US Federal regulations						
AmerSeal Premium Heavy Duty Tire Sealant						
SARA Section 311/312 Hazard Classes	Immediate (acute) health hazard					
Ethylene glycol (107-21-1)						
Listed on the United States TSCA (Toxic Substances Control Act) inventory Listed on United States SARA Section 313						
SARA Section 313 - Emission Reporting 1.0	0 % reporting deminimis					
15.2. International regulations						
CANADA						
Ethylene glycol (107-21-1) Listed on the Canadian DSL (Domestic Sustances Lis						
WHMIS Classification Classification						
Titanium dioxide (13463-67-7)						
Listed on the Canadian DSL (Domestic Sustances Lis	st)					
WHMIS Classification Cla	ass D Division 2 Subdivision A - Very toxic material causing other toxic effects					
EU-Regulations						
Ethylene glycol (107-21-1)						
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)						
Titanium dioxide (13463-67-7)	Titanium dioxide (13463-67-7)					
Listed on the EEC inventory EINECS (European Inve	ntory of Existing Commercial Chemical Substances)					
Classification according to Regulation (EC) No. 1272/2008 [CLP] No additional information available						

Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD] No additional information available



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Titanium dioxide (13463-67-7)	
Listed on the AICS (Australian Inventory of Chemical Substances) Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China) Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory Listed on the Korean ECL (Existing Chemicals List) Listed on NZIoC (New Zealand Inventory of Chemicals) Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)	
Attapulgite (12174-11-7)	
Listed on the AICS (Australian Inventory of Chemical Substances) Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China) Listed on NZIoC (New Zealand Inventory of Chemicals) Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances) Pollutant Release and Transfer Register Law (PRTR Law) Listed on INSQ (Mexican national Inventory of Chemical Substances)	

15.3. US State regulations

No additional information available

SECTION 16: Other information					
Other information	: None.				
Full text of H-phrases:					
Acute Tox. 4 (Oral)		Acute toxicity (oral) Category 4			

Harmful if swallowed

SDS US (GHS HazCom 2012)

H302

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product