


SAFETY DATA SHEET

National Fire Protection Association (NFPA)		Hazardous Material Information System (HMIS)	Health	1
			Fire Hazard	0
			Reactivity	0

4=Extreme, 3=Serious, 2=Moderate, 1=Slight, 0=Minimal

1. PRODUCT AND COMPANY IDENTIFICATION

Product name Tire Sealant
Product number 12080, 12081, 12082, 12083, 12084, 12086
Effective date 4 Nov, 2015
Product use Tire Sealant
Version# 1.0
Company information Highline Warren LLC
 4500 Malone Road
 Memphis, TN 38118 Phone: 901-437-8615

Emergency telephone CHEMTREC 800 824-9300

2. HAZARDS IDENTIFICATION

Emergency overview



Signal Word
Hazard Statement

Skin Irrit. 2: H315; Skin Sens. 1: H317; Eye Irrit. 2: H319;
Warning

Precautionary Statement: Prevention

Skin Irrit. 2: H315 - Causes skin irritation.
 Skin Sens. 1: H317 - May cause an allergic skin reaction.
 Eye Irrit. 2: H319 - Causes serious eye irritation.
 P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.
 P264 - Wash thoroughly after handling.
 P272 - Contaminated work clothing should not be allowed out of the workplace.
 P280 - Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary Statement: Response

P302+P352 - IF ON SKIN: Wash with plenty of water.
 P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P321 - Specific treatment (see on this label).

Precautionary Statement: Disposal

P332+P313 - If skin irritation occurs: Get medical advice/attention.
 P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.
 P337+P313 - If eye irritation persists: Get medical advice/attention.
 P501 - Dispose of contents/container to

3. COMPOSITION / INFORMATION ON INGREDIENTS

Components	CAS #	EC #	Exposure Limit/LC ₅₀ /LD ₅₀	Classification	Percent/wt.
1,2-Propanediol	57-55-6	200-338-0	TWA: 10mg/m ³ Oral LD ₅₀ rat 20000mg/kg Oral LD ₅₀ mouse 32000mg/kg	N.D.A.	40-50
Natural Rubber Latex	9006-04-6	232-689-0	TWA: 0.0001mg/m ³	Skin Sens. 1: H317;	10-20
Sodium Benzoate	532-32-1	208-534-8	Oral LD ₅₀ rat 4070mg/kg	Xi, R36/37/38, R62, R63, R68, R36 Eye Irrit. 2: H319;	0.5-5.0
Ammonia solution	1336-21-6	215-647-6	Oral LD ₅₀ rat 350mg/kg	C, N, R34, R50, R22 Skin Corr. 1B: H314; Aquatic Acute 1: H400;	0.1-0.2

4. FIRST AID MEASURES

NG: Negligible NA: Not Applicable NE: Not Established N.D.A.: No Data Available ND: Not Determined <: Less than >: Greater than

First aid procedures

Eye contact	Flush with water (preferably using eye wash equipment) until irritation subsides. Seek medical advice if symptoms persist.
Skin contact	Remove contaminated clothing. Wash skin with soap and water.
Inhalation	Seek fresh air.
Ingestion	Wash out mouth thoroughly and drink 1-2 glasses of water in small sips. Seek medical advice in case of persistent discomfort.
Notes to physician	N.D.A.
General advice	Treat symptomatically. No special immediate treatment required.

5. FIRE-FIGHTING MEASURES

Flammable properties	This is a non-flammable substance.
Extinguishing media	
Suitable extinguishing media	Suitable extinguishing media Extinguish with powder, foam, carbon dioxide or water mist. Use water or water mist to cool non-ignited stock.
Unsuitable extinguishing media	Unsuitable extinguishing media Do not use water stream, as it may spread the fire.
Unusual fire & explosion hazards	N.D.A.
Special fire fighting procedures	In combustion emits toxic fumes.
Protection of firefighters	Move containers from danger area if it can be done without risk. Avoid inhalation of vapour and flue gases – seek fresh air
Protective equipment and precautions for firefighters	Wear Self-Contained Breathing Apparatus (SCBA) with chemical resistant gloves.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions	For non-emergency personnel: Wear gloves. Provide good ventilation. Stop leak if this can be done without risk. For emergency responders: In addition to the above: Normal protective clothing equivalent to EN 469 is recommended.
Environmental Precautions:	Do not discharge into drains or rivers.
Methods for cleaning up	Contain and absorb spill with sand or other absorbent material and transfer to suitable waste containers. Wipe up minor spills with a cloth.

7. HANDLING AND STORAGE

Handling	Use the product under well-ventilated conditions. Wash hands before breaks, before using restroom facilities, and at the end of work. Running water and eye wash equipment should be available.
Storage	The product should be stored safely, out of reach of children and away from food, animal feeding stuffs, medicines, etc.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure limits	Please Refer to section 3
Engineering controls	Ensure all engineering measures mentioned in section 8 of SDS are in place.
Personal protective equipment	
Eye / face protection	Wear safety goggles if there is a risk of eye splash.
Skin protection	Wear plastic or rubber protective gloves.
Respiratory protection	In case of insufficient ventilation, wear respiratory protective equipment with filter A2.
General hygiene considerations	Wash thoroughly after handling.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Off white, with solid
Form	Liquid
Colour	Milky white
Odour	A slight pungent taste
Vapour pressure	N.D.A
Specific gravity (H₂O=1)	0.95-1.05

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Boiling point	N.D.A.
Melting point	N.D.A.
Solubility	Insoluble
Vapour Density (AIR=1)	NA
Viscosity, mPa.s	NA
Evaporation Rate (Ether=1)	NA
Ph	7-9
Flash point	N.D.A.
Auto ignition temp	N.D.A.
Flammable limits: %	LEL: N.D.A. UEL: N.D.A.

10. STABILITY AND REACTIVITY

Stability	Stable
Hazardous Polymerization	NA
Incompatibility	Strong oxidising agents.
Conditions to avoid	None known.
Hazardous decomposition products	Carbon monoxide and carbon dioxide.

11. TOXICOLOGICAL INFORMATION

Acute effects	No toxic effects expected when used according to directions.
Sensitization	N.D.A.
Local effects	N.D.A.
Chronic effects	No toxic effects expected when used according to directions.
Mutagenicity	N.D.A.
Reproductive effects	N.D.A.
Teratogenicity	N.D.A.
Further information	N.D.A.

12. ECOLOGICAL INFORMATION

Ecotoxicity	N.D.A.
Environmental effects	Prevent discharge to open waters.

13. DISPOSAL CONSIDERATIONS

Waste codes	N.D.A.
Disposal instructions	The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

14. TRANSPORT INFORMATION

DOT Shipping Description	Not regulated
IMDG Shipping Description	Not regulated
IATA Shipping Description	Not regulated

15. REGULATORY INFORMATION

TSCA inventory list:	NA
OSHA:	Not Hazardous.
SARA (311,312) hazard class:	This product does not contain any ingredients regulated under Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 or 40 CFR 372.
WHMIS Classification:	Not a controlled product.
EU Labeling:	



Risk Phrases	R22	Harmful if swallowed
	R34	Causes burns
	R36	Irritating to eyes
	R36/37/38	Irritating to eyes, respiratory system and skin

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	R50	Very toxic to aquatic organisms
	R62	Possible risk of impaired fertility
	R63	Possible risk of harm to the unborn child
	R68	Possible risk of irreversible effects
Safety Phrases	S2	Keep out of the reach of children
	S46	If swallowed seek medical advice immediately and show this container or label.
Text of Hazard Statements		Skin Sens. 1: H317 - May cause an allergic skin reaction. Eye Irrit. 2: H319 - Causes serious eye irritation. Skin Corr. 1B: H314 - Causes severe skin burns and eye damage. Aquatic Acute 1: H400 - Very toxic to aquatic life.

16. OTHER INFORMATION

MSDS sections updated	NA
Issue date	4-Nov-2015
Update Date	
Prepared by	Tsang
MSDS format	This SDS was prepared in accordance with 1907/2006 EEC (REACH), Article 31
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. However, the Company makes no warranty or guarantee, express or implied, and disclaims all liability arising out of the use of this information. Nothing herein should be interpreted as a recommendation to infringe existing patents or violate any laws or regulations. Final determination of the suitability of the material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards which exist.

End of Safety Data Sheet