

## 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** Plews Edelman, Inc.  
 1550 Franklin Grove Road  
 Dixon, IL 61021 Phone: 800 323-6294

**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.  
 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).  
 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

**Precautionary Statement:**  
**Response**

**Precautionary Statement:**  
**Disposal**

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

Components	CAS #	EC #	Exposure Limit/LC <sub>50</sub> /LD <sub>50</sub>	Classification	Percent/ wt.
1,2-Propanediol	57-55-6	200-338-0	TWA: 10mg/m <sup>3</sup> Oral LD <sub>50</sub> rat 20000mg/kg Oral LD <sub>50</sub> mouse 32000mg/kg	N.D.A.	40-50
Natural Rubber Latex	9006-04-6	232-689-0	TWA: 0.0001mg/m <sup>3</sup>	Skin Sens. 1: H317;	10-20
Sodium Benzoate	532-32-1	208-534-8	Oral LD <sub>50</sub> 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 <sub>50</sub> 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.

Move containers from danger area if it can be done without risk. Avoid inhalation of vapour and flue gases – seek fresh air

**Protection of firefighters**

**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 (H<sub>2</sub>O=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

**SAFETY DATA SHEET****Safety Phrases****Text of Hazard Statements**

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  
S2 Keep out of the reach of children  
S46 If swallowed seek medical advice immediately and show this container or label.  
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****Disclaimer**

This SDS was prepared in accordance with 1907/2006 EEC (REACH), Article 31  
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**End of Safety Data Sheet**