



## Material Safety Data Sheet

Version No: 1037/101/version3

Date: January 14, 2015

Supersedes: November 13, 2013

**PRODUCT NAME:** PESCHEM 554 RB MEMBRANE  
**MANUFACTURER:** Plant Equipment & Svcs  
5401 Hwy 21 West  
Bryan, TX 77803  
**TELEPHONE NUMBER:** (979)779-8700  
**EMAIL:** pes1@pes-solutions.com

**EMERGENCY TELEPHONE NUMBER: Chemtrec – 800-424-9300 (24 hrs.)**

THIS PRODUCT IS A KIT AND SUPPLIED AS A MULTI PART PRODUCT WHICH CONSISTS OF A BASE COMPONENT AND ACTIVATOR COMPONENT. THIS DOCUMENT CONTAINS THE MSDS FOR BOTH BASE AND ACTIVATOR COMPONENTS.

*DISCLAIMER: The information supplied in the MSDS is correct at the time of writing and date of issue. No warranties, expressed or implied, including, but not limited to, any implied warranty of merchantability or fitness for particular purpose or course of performance or usage of trade. The user of the material is responsible for ensuring the suitability of this product for application.*

*Date of issue: 14<sup>th</sup> January 2015*

*Document Number 1037/101/version 3:*

**SECTION 1: Identification of Substance/ Preparation and Company**

- 1.1 **Product identifier**  
**PESCHEM 554 RB MEMBRANE**
- 1.2 **Relevant identified uses of the substance or mixture and uses advised against**  
Coatings, paints, thinners and paint removers
- 1.3 **Details of the supplier of the safety data sheet**  
5401 Hwy 21 West, Bryan, TX 77803  
Tel: (979)779-8700  
Email: pes1@pes-solutions.com
- 1.4 **Emergency telephone number**  
Chemtrec – 800-424-9300 (24 hrs.)

**SECTION 2: Hazards Identification**

- 2.1 **Classification of the substance or mixture**  
**Classification in accordance with the Dangerous Preparations Directive 1999/45/EC**  
STOT SE 3: H336; Aquatic Chronic 2: H411; FLAM. Liq. 3: H226; STOT SE 3; H335  
Flammable. Irritating to respiratory system. Toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment. Repeated exposure may cause skin dryness or cracking. Vapours may cause drowsiness and dizziness.
- 2.2 **Label elements**  
**Labelling in accordance with the Classification Labelling and Packaging Regulation EC (no) 1272/2008**



Pictograms:

GHS02 FLAME

GHS09 ENVIRONMENTAL

GHS07 EXCLAMATION MARK

Signal Word:

WARNING

Hazard Statement:

H226: Flammable liquid and vapour  
H335: May cause respiratory irritation  
H336: May cause drowsiness or dizziness  
H411: Toxic to aquatic life with long lasting effects

Precautionary statements:

P271: Use only outdoors or in well ventilated area  
P370+ 378: In case of fire: Use carbon dioxides for extinction  
P280: Wear protective gloves/protective clothing/eye protection/face protection.

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**P303 + P361 + P353: IF ON SKIN: Rinse cautiously with water for several minutes. Remove immediately all contaminated clothing.**

**P304 + P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.**

**P312: Call a POISSON CENTRE or doctor if you feel unwell.**

**SECTION 3: Composition/ Information on Ingredients**

**3.1 Substances**

Not applicable, product is a mixture.

**3.2 Mixtures**

Contains the following hazardous components above thresholds of concern:

Hazardous Components	Cas Number	%	Classification according to Directive 67/548/EEC	Classification according to Regulation (EC) No 1272/2008
Hydrocarbons and aromatics	918-688-5	10-30%	Xi: R37; N: R51/53; Xn: R65; R66; R67; R10	Flam Liq.3: H226; Aquatic Chronic 2; H411; Asp. Tox 1; H304; STOT SE 3: H335
Quarternary Ammonium Compounds	61789-73-9	<1%	C: R34; N: R50/R53	Aquatic Chronic 1: H410; Skin Corr.1C: H314
Cumene	98-82-8	<1%	R10; Xi: R37; N: R51/53; Xn: R65	Flam Liq.3: H226; Asp.Tox 1: H304; STOT SE 3: H335; Aquatic Chronic 2: H411
White Spirits	-	10-30%	R10; Xn: R65; N: R51/53; R67 R66	Flam Liq.3: H226; Aquatic Chronic 2; H411; Asp. Tox 1; H304; STOT SE 3: H336
Mesitylene	108-67-8	1-10%	R10; Xi: R37; N: R51/53	Flam Liq.3: H226; STOT SE 3: H335; Aquatic Chronic 2; H411

See section 16 for full description of H statements.

**SECTION 4: First Aid Measures**

**4.1 Description of first aid measures**

*Summon immediate medical assistance after contact with skin, eyes, inhalation or ingestion*

- Eye:** Flush eyes with plenty of running water for 15 minutes, whilst gently holding the eyelids open. Transfer to hospital for specialist examination
- Skin:** Remove product and contaminated clothing and wash area with water, seek medical advice if symptoms persist.
- Ingestion:** Drink plenty of water, DO NOT INDUCE VOMITING. If you feel unwell get medical attention
- Inhalation:** Irritation may cause coughing, tightness of the chest and irritation of the respiratory system. Remove patient to fresh air. Seek medical advice.

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

*Eye Contact:* Sign/ Symptoms Contact with eyes during product use may cause irritation.

*Skin Contact:* Sign/ Symptoms Contact with the skin during product use may cause skin irritation

*Inhalation:* Sign/ Symptoms There may be a feeling of tightness in the chest with shortness of breath

*Ingestion:* Signs/ Symptoms No data available

**4.3 Indication of any immediate medical attention and special treatments needed**

Symptomatic treatment as required

**SECTION 5: Fire Fighting Measures**

**5.1 Extinguishing media**

Carbon dioxide

**5.2 Special hazards arising from the substance or mixture**

Burning produces toxic fumes

**5.3 Advice for fire fighters**

Wear Self-contained breathing apparatus, rubber boots, gloves and body suit

**SECTION 6: Accidental Release Measures**

**6.1 Personal precautions, protective equipment and emergency procedures**

Remove all unnecessary personnel from the area. Ensure adequate ventilation of working area Eliminate all sources of ignition. Wear suitable protective clothing including chemical resistant gloves and coveralls.

**6.2 Environmental precautions**

Prevent entry into sewers and watercourses. If product enters sewers or watercourses, inform the appropriate environmental authorities.

**6.3 Methods and materials for containment and clearing up**

Scrape up and transfer into a suitable container. Wash area with water.

**6.4 References to other sections**

Refer to section 5, 8 and 13 for protective Measures and Disposal.

**SECTION 7: Handling and Storage**

**7.1 Precautions for safe handling**

Avoid contact with skin, eyes and clothing. Handle in well ventilated area. Wash hands after contact.

Keep away from sources of ignition – NO SMOKING

**7.2 Conditions for safe storage, including any incompatibilities**

Keep container tightly closed in a cool, well ventilated area. Keep away from sources of ignition. Keep away from direct sunlight.

**7.3 Specific end uses(s)**

Coatings and paints, thinners, paint removers.

**SECTION 8: Exposure Controls/ Personal Protection**

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### 8.1 Control parameters

MESISTYLENE	UK	8 HOUR TWA	25ppm
CUMENE	UK	8 HOUR TWA	125mg/m <sup>3</sup>
	UK	15 MIN.STEL	250mg/m <sup>3</sup>

### 8.2 Exposure controls

**Engineering controls** adequate ventilation should be provided.

**Respiratory:** Self-contained breathing apparatus must be available in case of emergency

**Hand Protection** Impermeable gloves

**Skin Protection:** Avoid Skin Contact; use disposable coveralls

**Eye Protection:** Avoid Eye Contact; use safety goggles meeting the requirements of BS EN166 3, when handling this product

#### Environmental Exposure controls

Take suitable measures to prevent entry into drains, sewers and watercourses.

## SECTION 9: Physical/ Chemical Properties

### 9.1 Information on basic physical and chemical properties

<b>Appearance:</b>	Viscous liquid
<b>Odour:</b>	Characteristic Odour
<b>Density:</b>	1.35g/ml
<b>Boiling Point/ range:</b>	293-357.8°F
<b>Flash Point:</b>	>100.4°F

### 9.2 Other information

None.

## SECTION 10: Stability And Reactivity

### 10.1 Reactivity

Not considered to be a reactive product

### 10.2 Chemical stability

Stable

### 10.3 Possibility of hazardous reactions

Hazardous Polymerisation is not likely to occur.

### 10.4 Conditions to avoid

Excessive heat. Direct sunlight. Sources of ignition.

### 10.5 Incompatible materials

Oxidising agents – cleaning solutions. Acids.

### 10.6 Hazardous decomposition products

In combustion emits toxic fumes

## SECTION 11: Toxicological Information



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11.1 Information on toxicological effects

This product has not been tested. Judgements on the expected toxicity of this product have been made based upon consideration of its major components.

HYDROCARBONS C9 AROMATICS	DERMAL DL50 >3160 mg/kg ORAL RAT LD50 3492 mg/kg
CUMENE	ORAL MUS LD50 12750 mg/kg ORAL RAT LD50 1400 mg/kg
MESITYLENE	IPR GPG LDLO 1303 mg/kg

SECTION 12: Ecological Information

This product has not been tested. Judgements on the expected toxicity of this product have been made based upon consideration of its major components.

12.1 Toxicity

No data available

12.2 Persistence and degradability

No data available

12.3 Bioaccumulative potential

No data available

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

None of the components are known to be PBT or vPvB.

12.6 Other adverse effects

No data available

SECTION 13: Disposal Considerations

13.1 Waste treatment methods

In uncured state, dispose as chemical waste in accordance with local regulations. Waste from this product may present long term environmental hazards. Thus landfill sites must be considered less acceptable than incineration.

In cured state when mixed correctly with the base component, dispose as solid waste

Empty containers should be disposed of as chemical waste.

SECTION 14: Transport Information

General: Transport and labelling requirements will alter depending on the size of the packaging. Please refer to local transport regulations.

	ADR	IMDG	ICAO
14.1 UN Number	UN1263	UN1263	UN1263
14.2 UN Proper shipping name	Paint	Paint	Paint

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14.3 Transport hazard class(es)	3	3	3
14.4 Packing group	III	III	III
14.5 Environmental hazards	Marine Pollutant	Marine Pollutant	Marine Pollutant
14.6 Special precautions for user			
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not applicable	Not applicable	Not applicable

### **SECTION 15: Regulatory Information**

#### **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

All components are listed as existing substances in Europe

All components are listed, or are exempt from listing on the TCSA Inventory

#### **15.2 Chemical Safety Assessment**

A Chemical Safety Assessment has not been carried out for this product.

### **SECTION 16: Other Information**

#### **Revision information:**

Reformatted in accordance with Regulation 453/2010 and Regulation 1272/2008.

#### **List of Abbreviations used in this MSDS:**

CAS	Chemical Abstracts Service
CLP	Classification, Labelling and Packaging Regulation (EC) no 1272/2008
DSD	Dangerous Substances Directive 67/548/EEC
DPD	Dangerous Preparations Directive 1999/45/EC
EC	European Community/Commission
PBT	Persistent, Bioaccumulative and Toxic
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) no 1907/2006
vPvB	very Persistent, very Bioaccumulative

#### **References:**

ECHA Classification and Labelling inventory

ECHA database of disseminated registration dossiers

Supplier's Safety Data Sheets

#### **Method used for classification of mixtures:**

Ingredient based approaches

#### **P Phrases and H Statements used in Section 3**

H226: Flammable liquid and vapour



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H302: Harmful if swallowed

H304: May be fatal if swallowed and enters airways

H315: Causes skin irritation

H318: Causes serious eye damage

H335: May cause respiratory irritation

H336: May cause drowsiness or dizziness

H400: Very toxic to aquatic life

H411: Toxic to aquatic life with long lasting effects

P271: Use only outdoors or in well ventilated area

P370+ 378: In case of fire: Use carbon dioxides for extinction

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P303 + P361 + P353: IF ON SKIN: Rinse cautiously with water for several minutes. Remove immediately all contaminated clothing.

P304 + P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P312: Call a POISSON CENTRE or doctor if you feel unwell.

### **Training requirements for workers**

No special training requirements.