



Version No: 1037/101/version3

Date: January 14, 2015

Supersedes: November 13, 2013

PRODUCT NAME: PESCHEM 551 ER 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.

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SECTION 1: Identification of Substance/ Preparation and Company

- 1.1 **Product identifier**
PESCHEM 551 ER 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
Aquatic Chronic 2: H411; FLAM. Liq. 3: H226; Lact: H362
Flammable, Toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment. May cause harm to breastfed babies. Harmful; may cause lung damage if swallowed

- 2.2 **Label elements**
Labelling in accordance with the Classification Labelling and Packaging Regulation EC (no) 1272/2008



GHS02 FLAME



GHS09 ENVIRONMENTAL

Pictograms:

Signal Word: **WARNING**

Hazard Statement: **H226: Flammable liquid and vapour**
H362: May cause harm to breast fed children
H411: Toxic to aquatic life with long lasting effects

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Precautionary statements:

- P243:** Take precautionary measures against static charge
- P264:** Wash hands with soap thoroughly after handling
- 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.
- P308+313:** IF exposed or concerned: Get medical advice/ attention

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
Alkanes	85535-85-9	1-10%	Lact: H362; Aquatic Chronic 1: H410; Aquatic Acute 1: H400	R64; R66; N: R50/R53
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
2-Methoxypropyl Acetate	70657-70-4	<1%	T: T61; R10; Xi: R37	Flam Liq.3: H226; Repr.1B: H360D; STOT SE 3: H335

See section 16 for full description of R phrases and 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. If signs/symptoms persist seek medical attention.

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Skin: Remove product and contaminated clothing and wash area with water, seek medical advice.

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.

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 No data available

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. Ventilate the area if possible. Wear suitable protective clothing including chemical resistant gloves and coveralls. If vapour concentrations are high, respiratory protective equipment may be required. See section 8 for more information.

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.

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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

8.1 Control parameters

No data available

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

Appearance: Viscous liquid

Odour: Characteristic Odour

Density: 1.35g/ml

Boiling Point/ range: 293-357.8°F

Flash Point: 95°C

VOC g/l: 450

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



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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

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

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

Readily absorbed into soil

12.5 Results of PBT and vPvB assessment

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

12.6 Other adverse effects

Toxic to aquatic organisms. Adverse effects on water treatment plants

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

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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
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



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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

H304: May be fatal if swallowed and enters airways

H314: Causes severe burns and eye damage

H335: May cause respiratory irritation

H336: May cause drowsiness or dizziness

H360D: May damage the unborn child

H362: May cause harm to breast fed children

H411: Toxic to aquatic life with long lasting effects

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

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

P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310: Immediately call a doctor

Training requirements for workers

No special training requirements.