

**Safety Data Sheet**  
**Plastic - Patch/Sau-Sea Magic Plastic Putty Patch**

SDS Revision Date:

10/26/2015

# SAU-SEA

## 1. Identification

### 1.1. Product identifier

**Product Identity**

Plastic - Patch/Sau-Sea Magic Plastic Putty Patch

**Alternate Names**

Plastic - Sealant/Sau-Sea Liquid Plastic

### 1.2. Relevant identified uses of the substance or mixture and uses advised against

**Intended use**

See Technical Data Sheet.

**Application Method**

See Technical Data Sheet.

### 1.3. Details of the supplier of the safety data sheet

**Company Name**

Sau-Sea Swimming Pool Products, Inc.  
1855 Highway 206 South  
Southampton, New Jersey 08088

**Emergency**

**CHEMTREC (USA)**

(800) 424-9300

**Customer Service:** Sau-Sea Swimming Pool Products, Inc. Tel: +1 609-859-8500

## 2. Hazard(s) identification

### 2.1. Classification of the substance or mixture

Flam. Liq. 3;H226

Flammable liquid and vapor.

Skin Irrit. 2;H315

Causes skin irritation.

Eye Irrit. 2;H319

Causes serious eye irritation.

Repr. 1B;H360FD

May damage fertility. May damage the unborn child.

### 2.2. Label elements

Using the Toxicity Data listed in section 11 and 12 the product is labeled as follows.



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## Danger

H226 Flammable liquid and vapor.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H360FD\* May damage fertility. May damage the unborn child.

### **[Prevention]:**

P201 Obtain special instructions before use.

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

P210 Keep away from heat / sparks / open flames / hot surfaces - No smoking.

P235 Keep cool.

P240 Ground / bond container and receiving equipment.

P241 Use explosion-proof electrical / ventilating / light / equipment.

P242 Use only non-sparking tools.

P243 Take precautionary measures against static discharge.

P264 Wash thoroughly after handling.

P280 Wear protective gloves / eye protection / face protection.

### **[Response]:**

P302+352 IF ON SKIN: Wash with plenty of soap and water.

P303+361+353 IF ON SKIN (or hair): Remove / Take off immediately all contaminated clothing. Rinse skin with water / shower.

P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing.

P308+313 IF exposed or concerned: Get medical advice / attention.

P321 Specific treatment (see information on this label).

P332+313 If skin irritation occurs: Get medical advice / attention.

P337+313 If eye irritation persists: Get medical advice / attention.

P362 Take off contaminated clothing and wash before reuse.

P370+378 In case of fire: Use extinguishing media listed in section 5 of SDS for extinction.

### **[Storage]:**

P403+233 Store in a well ventilated place. Keep container tightly closed.

P405 Store locked up.

### **[Disposal]:**

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P501 Dispose of contents / container in accordance with local / national regulations.

### 3. Composition/information on ingredients

This product contains the following substances that present a hazard within the meaning of the relevant State and Federal Hazardous Substances regulations.

Ingredient/Chemical Designations	Weight %	GHS Classification	Notes
Titanium dioxide CAS Number: 0013463-67-7	75 - 100	Not Classified	[1][2]
CHLORINATED RUBBER CAS Number: 0009006-03-5	25 - 50	Not Classified	[1]
Xylene CAS Number: 0001330-20-7	10 - 25	Flam. Liq. 3;H226 Acute Tox. 4;H332 Acute Tox. 4;H312 Skin Irrit. 2;H315	[1][2]
Di(2-ethylhexyl)phthalate CAS Number: 0000117-81-7	5 - 10	Repr. 1B;H360FD	[1][2]

In accordance with paragraph (i) of §1910.1200, the specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

[1] Substance classified with a health or environmental hazard.

[2] Substance with a workplace exposure limit.

[3] PBT-substance or vPvB-substance.

\*The full texts of the phrases are shown in Section 16.

### 4. First aid measures

#### 4.1. Description of first aid measures

##### General

In all cases of doubt, or when symptoms persist, seek medical attention.  
Never give anything by mouth to an unconscious person.

##### Inhalation

Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, give artificial respiration. If unconscious place in the recovery position and obtain immediate medical attention. Give nothing by mouth.

##### Eyes

Irrigate copiously with clean water for at least 15 minutes, holding the eyelids apart and seek medical attention.

##### Skin

Remove contaminated clothing /shoes. Flush skin with water. Follow by washing skin with soap and water. If irritation occurs, get medical attention. Air-dry contaminated clothing in well-ventilated area, then, launder separately before reusing.

##### Ingestion

DO NOT INDUCE VOMITING. If vomiting occurs spontaneously, keep head below hips to

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prevent aspiration of liquid into lungs. Get medical attention immediately.

Note to Physician: If more than 2.0 ml/kg has been ingested and vomiting has not occurred, emesis should be induced with supervision. Keep victim's head below hips to prevent aspiration. If symptoms such as loss of gag reflex, convulsions or unconsciousness occur before emesis, gastric lavage using a cuffed endotracheal tube should be considered.

### 4.2. Most important symptoms and effects, both acute and delayed

#### Overview

1. Acute (Immediate) Overexposure: Can lead to central nervous system depression, producing such effects as giddiness, headache, nausea. In extreme cases, unconsciousness and death may occur.

2. Chronic (Delayed) Overexposure: Irritation to eyes, nose, and throat. Prolonged and repeated liquid contact can cause defatting and drying of the skin which may result in skin irritation and dermatitis.

Signs and Symptoms of Exposure: Irritation as noted above. Aspiration pneumonitis may be evidenced by coughing. Labored breathing and cyanosis (bluish skin).

Medical Conditions Aggravated by Exposure: Pre-existing eye, skin, and respiratory disorders may be aggravated by exposure to this product.

Exposure to solvent vapor concentrations from the component solvents in excess of the stated occupational exposure limits may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver and central nervous system. Symptoms include headache, nausea, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness.

Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in dryness, irritation and possible non-allergic contact dermatitis. Solvents may also be absorbed through the skin. Splashes of liquid in the eyes may cause irritation and soreness with possible reversible damage. See section 2 for further details.

#### Eyes

Causes serious eye irritation.

#### Skin

Causes skin irritation.

## 5. Fire-fighting measures

### 5.1. Extinguishing media

Foam, Dry Chemical, Water Fog or CO<sub>2</sub>. Do not use a direct stream of water.

### 5.2. Special hazards arising from the substance or mixture

Hazardous decomposition: Carbon monoxide and unidentified organic compounds may be formed during combustion.

Keep away from heat / sparks / open flames / hot surfaces - No smoking.

Keep cool.

Ground / bond container and receiving equipment.

Use explosion-proof electrical / ventilating / light / equipment.

Use only non-sparking tools.

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Take precautionary measures against static discharge.

### 5.3. Advice for fire-fighters

Containers exposed to intense heat should be cooled with water to prevent explosive container rupture. Vapors form flammable/explosive mixtures in air. Vapors heavier than air and may travel to ignition source (thru severs, piping, etc.) and may flash ignite. Storage areas exposed to fire should be cooled to prevent container rupture.

**WARNING! FLAMMABLE!** Evacuate hazard area of unprotected personnel. Wear protective clothing, including a positive pressure, NIOSH-approved, self-contained breathing apparatus. Do not enter confined fire space without full bunker gear (helmet with face shield, bunker coat, gloves, and rubber boots). Cool fire-exposed containers with water.

**ERG Guide No.**        ----

## 6. Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

Put on appropriate personal protective equipment (see section 8).

### 6.2. Environmental precautions

Do not allow spills to enter drains or waterways.

Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

### 6.3. Methods and material for containment and cleaning up

**WARNING! LIQUID AND VAPOR FLAMMABLE!** Eliminate all ignition sources. Handling equipment must be grounded to prevent sparking.

**Large Spills :**Evacuate the hazard area of unprotected personnel. Wear appropriate respirator and protective clothing. Shut off source of leak only if safe to do so. Dike and contain. If vapor cloud forms, water fog may be used to suppress. Contain runoff. Soak up residue with absorbent such as clay, sand, or other suitable material. Place in non-leaking containers for proper disposal. Flush area to remove trace residue. Dispose of flush solutions as above.

**Small Spills:** Take up with an absorbent material and place in non-leaking containers. Seal tightly for proper disposal.

## 7. Handling and storage

### 7.1. Precautions for safe handling

**WARNING! FLAMMABLE LIQUID! KEEP AWAY FROM HEAT, SPARKS, AND OPEN FLAME.** Keep containers closed and store upright to prevent leakage. Do not weld, heat, or drill on or near containers. Store away from strong oxidizing agents in a cool, dry, well ventilated place. Do not transfer to glass, plastic, or unlabeled containers.

**Other Precautions:** Do not use in any area without adequate ventilation. Dangerously high concentrations of vapor could cause death from explosion or accumulate and travel to ignition sources distant from their handling site. Flash fire may result.

See section 2 for further details. - [Prevention]:

### 7.2. Conditions for safe storage, including any incompatibilities

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Handle containers carefully to prevent damage and spillage.

Incompatible materials: Strong Oxidizing Agents

See section 2 for further details. - [Storage]:

### 7.3. Specific end use(s)

No data available.

## 8. Exposure controls and personal protection

### 8.1. Control parameters

#### Exposure

CAS No.	Ingredient	Source	Value
0000117-81-7	Di(2-ethylhexyl)phthalate	OSHA	TWA 5 mg/m3
		ACGIH	TWA: 5 mg/m3 2B
		NIOSH	Ca TWA 5 mg/m3 ST 10 mg/m
		Supplier	No Established Limit
0001330-20-7	Xylene	OSHA	STEL 150 ppm
		ACGIH	TWA: 100 ppm STEL: 150 ppm
		NIOSH	No Established Limit
		Supplier	No Established Limit
0009006-03-5	CHLORINATED RUBBER	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit
0013463-67-7	Titanium dioxide	OSHA	TWA 15 mg/m3
		ACGIH	TWA: 10 mg/m3 2B, Revised 2006,
		NIOSH	Footnote ca
		Supplier	No Established Limit

#### Carcinogen Data

CAS No.	Ingredient	Source	Value
0000117-81-7	Di(2-ethylhexyl)phthalate	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: Yes
		IARC	Group 1: No; Group 2a: No; Group 2b: Yes; Group 3: No; Group 4: No;
0001330-20-7	Xylene	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: Yes; Group 4: No;
0009006-03-5	CHLORINATED RUBBER	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No

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		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
0013463-67-7	Titanium dioxide	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: Yes; Group 3: No; Group 4: No;

### 8.2. Exposure controls

#### Respiratory

Avoid prolonged or repeated breathing of vapors. If exposure may or does exceed occupational exposure limits (Section 2), use a NIOSH approved respirator to prevent overexposure. In accord with 29CFR 1910.134 use either a full-face, atmosphere-supplying respirator or an air-purifying respirator for organic vapors.

#### Eyes

Wear splash-proof chemical goggles.

#### Skin

Wear clean protective clothing and footwear to prevent skin contact. Use explosion-proof ventilation, as required, to control vapor concentrations. Rubber, vinyl, or polyethylene gloves are required.

#### Engineering Controls

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and any vapor below occupational exposure limits suitable respiratory protection must be worn.

#### Other Work Practices

Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

See section 2 for further details. - [Prevention]:

## 9. Physical and chemical properties

#### Appearance

White or colored Liquid

#### Odor

Hydrocarbon

#### Odor threshold

Not determined

#### pH

Not Measured

#### Melting point / freezing point

N/A

#### Initial boiling point and boiling range

281-282 degrees Fahrenheit

#### Flash Point

82 degrees Fahrenheit (TCC)

#### Evaporation rate (Ether = 1)

Slower Than n-Butyl Acetate

#### Flammability (solid, gas)

Not Applicable

#### Upper/lower flammability or explosive limits

**Lower Explosive Limit:** .3% by Volume

**Upper Explosive Limit:** 8.0 % by Volume

#### Vapor pressure (Pa)

Not Measured

#### Vapor Density

Heavier Than Air

#### Specific Gravity

1.31

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<b>Solubility in Water</b>	Insoluble
<b>Partition coefficient n-octanol/water (Log Kow)</b>	Not Measured
<b>Auto-ignition temperature</b>	Not Measured
<b>Decomposition temperature</b>	Not Measured
<b>Viscosity (cSt)</b>	Not Measured
<b>Percent Volatile (by volume)</b>	21.95 %
<b>Reacts with water (Soluble in most organic solvents.)</b>	Non-Reactive in Water

**9.2. Other information**

No other relevant information.

## 10. Stability and reactivity

**10.1. Reactivity**

Hazardous Polymerization will not occur.

**10.2. Chemical stability**

Stable under normal circumstances.

**10.3. Possibility of hazardous reactions**

No data available.

**10.4. Conditions to avoid**

Heat, sparks, flame and contact with non-explosion-proof electrical equipment.

**10.5. Incompatible materials**

Strong Oxidizing Agents

**10.6. Hazardous decomposition products**

Carbon monoxide and unidentified organic compounds may be formed during combustion.

## 11. Toxicological information

**Acute toxicity**

Exposure to solvent vapor concentrations from the component solvents in excess of the stated occupational exposure limits may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver and central nervous system. Symptoms include headache, nausea, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness.

Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in dryness, irritation and possible non-allergic contact dermatitis. Solvents may also be absorbed through the skin. Splashes of liquid in the eyes may cause irritation and soreness with possible reversible damage.



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Ingredient	Oral LD50, mg/kg	Skin LD50, mg/kg	Inhalation Vapor LC50, mg/L/4hr	Inhalation Dust/Mist LC50, mg/L/4hr	Inhalation Gas LC50, ppm
Titanium dioxide - (13463-67-7)	10,000.00, Rat - Category: NA	10,000.00, Rabbit - Category: NA	No data available	6.82, Rat - Category: NA	No data available
CHLORINATED RUBBER - (9006-03-5)	No data available	No data available	No data available	No data available	No data available
Xylene - (1330-20-7)	4,299.00, Rat - Category: 5	1,548.00, Rabbit - Category: 4	No data available	20.00, Rat - Category: NA	5,000.00, Rat - Category: 4
Di(2-ethylhexyl)phthalate - (117-81-7)	30,000.00, Rat - Category: NA	25,000.00, Rabbit - Category: NA	10.62, Rat - Category: 4	No data available	No data available

Note: When no route specific LD50 data is available for an acute toxin, the converted acute toxicity point estimate was used in the calculation of the product's ATE (Acute Toxicity Estimate).

Classification	Category	Hazard Description
Acute toxicity (oral)	---	Not Applicable
Acute toxicity (dermal)	---	Not Applicable
Acute toxicity (inhalation)	---	Not Applicable
Skin corrosion/irritation	2	Causes skin irritation.
Serious eye damage/irritation	2	Causes serious eye irritation.
Respiratory sensitization	---	Not Applicable
Skin sensitization	---	Not Applicable
Germ cell mutagenicity	---	Not Applicable
Carcinogenicity	---	Not Applicable
Reproductive toxicity	1B	May damage fertility. May damage the unborn child.
STOT-single exposure	---	Not Applicable
STOT-repeated exposure	---	Not Applicable
Aspiration hazard	---	Not Applicable

## 12. Ecological information

### 12.1. Toxicity

No additional information provided for this product. See Section 3 for chemical specific data.

### Aquatic Ecotoxicity

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Ingredient	96 hr LC50 fish, mg/l	48 hr EC50 crustacea, mg/l	ErC50 algae, mg/l
Titanium dioxide - (13463-67-7)	Not Available	Not Available	Not Available
CHLORINATED RUBBER - (9006-03-5)	Not Available	Not Available	Not Available
Xylene - (1330-20-7)	3.30, Oncorhynchus mykiss	8.50, Palaemonetes pugio	100.00 (72 hr), Chlorococcales
Di(2-ethylhexyl)phthalate - (117-81-7)	0.16, Pimephales promelas	0.133, Daphnia magna	0.10 (96 hr), Pseudokirchneriella subcapitata

### 12.2. Persistence and degradability

There is no data available on the preparation itself.

### 12.3. Bioaccumulative potential

Not Measured

### 12.4. Mobility in soil

No data available.

### 12.5. Results of PBT and vPvB assessment

This product contains no PBT/vPvB chemicals.

### 12.6. Other adverse effects

No data available.

## 13. Disposal considerations

### 13.1. Waste treatment methods

Observe all federal, state and local regulations when disposing of this substance.

## 14. Transport information

	DOT (Domestic Surface Transportation)	IMO / IMDG (Ocean Transportation)	ICAO/IATA
14.1. UN number	UN1993	UN1993	UN1993
14.2. UN proper shipping name	UN1993, Flammable liquids, n.o.s., ((Xylene)), 3, III	Flammable liquids, n.o.s., (Xylene)	Flammable liquids, n.o.s., (Xylene)
14.3. Transport hazard class(es)	DOT Hazard Class: 3	IMDG: 3 Sub Class: Not Applicable	Air Class: 3
14.4. Packing group	III	III	III

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**14.5. Environmental hazards**

**IMDG** Marine Pollutant: No;

**14.6. Special precautions for user**

No further information

<b>15. Regulatory information</b>
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**Regulatory Overview** The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented.

**Toxic Substance Control Act ( TSCA)** All components of this material are either listed or exempt from listing on the TSCA Inventory.

**WHMIS Classification** B2 D2A

**US EPA Tier II Hazards**

**Fire:** Yes

**Sudden Release of Pressure:** No

**Reactive:** No

**Immediate (Acute):** Yes

**Delayed (Chronic):** No

**EPCRA 311/312 Chemicals and RQs (lbs):**

Di(2-ethylhexyl)phthalate ( 100.00)

Xylene ( 100.00)

**EPCRA 302 Extremely Hazardous:**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

**EPCRA 313 Toxic Chemicals:**

Di(2-ethylhexyl)phthalate

Xylene

**Proposition 65 - Carcinogens (>0.0%):**

Di(2-ethylhexyl)phthalate

Titanium dioxide

**Proposition 65 - Developmental Toxins (>0.0%):**

Di(2-ethylhexyl)phthalate

**Proposition 65 - Female Repro Toxins (>0.0%):**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

**Proposition 65 - Male Repro Toxins (>0.0%):**

Di(2-ethylhexyl)phthalate

**New Jersey RTK Substances (>1%):**

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Di(2-ethylhexyl)phthalate

Titanium dioxide

Xylene

**Pennsylvania RTK Substances (>1%):**

Di(2-ethylhexyl)phthalate

Titanium dioxide

Xylene

<b>16. Other information</b>
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The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our products. Customers/users of this product must comply with all applicable health and safety laws, regulations, and orders.

The full text of the phrases appearing in section 3 is:

H226 Flammable liquid and vapor.

H312 Harmful in contact with skin.

H315 Causes skin irritation.

H332 Harmful if inhaled.

H360FD May damage fertility. Suspected of damaging the unborn child.

The information contained herein is furnished without warranty of any kind. The above information is believed to be correct but does not purport to be all inclusive and should be used only as a guide. Users should make independent determinations of the suitability and completeness of information from all sources to assure proper use and disposal of these materials and the safety and health of employees and customers.

End of Document