

**Safety Data Sheet**  
**According to Regulation (EU) No. 1907/2006, Annex II,**  
**Amended by REGULATION (EU) No 453/2010**

Vinyl repair patch

SDS Record Number: **CSSS-TCO-010-110438**  
Version 1.1      Revision date: 13/09/2011

Printing date: 13/09/2011

**1 Identification of the mixture and of the company/undertaking**

**1.1 Product identifier:**

Identification on the label/Trade name:	Vinyl repair patch
Additional identification:	Not available
Identification of the product:	See section 3
Index Number:	Not available
REACH registration No.:	See section 3
Style / Item No.:	S318-5C / 59631

**1.2 Relevant identified uses of the mixture and uses advised against:**

**1.2.1 Identified uses:**

Vinyl repair patch is to repair all kinds of inflatable products such as inflatable boats, air beds, swimming pool, toys, tents.....and so on.

**1.2.2 Uses advised against:**

Not available.

**1.3 Details of the supplier of the safety data sheet:**

Supplier(Only representative):	Chemical Inspection & Regulation Service Limited
Supplier(Manufacturer):	Shin Dorn Co.
Address:	No. 2 Coalmine, Huang Bian, Xin Shi Town, Guang Zhou, China
Contact person(E-mail):	-
Telephone:	+86-20-86172272
Fax:	-

**1.4 Emergency telephone Number:**

+353 41 980 6916

Available outside office hours?

YES

NO

**2 Hazards Identification**

**2.1 Classification of the mixture**

**2.1.1 Classification:**

The mixture is classified as following according to 1999/45/EC and REGULATION (EC) No 1272/2008:

REGULATION (EC) No 1272/2008	
Hazard classes/Hazard categories	Hazard statement
Skin Irrit. 2	H315
Eye Irrit. 2	H319
STOT SE 3	H335

For full text of H- phrases: see section 2.2.

1999/45/EC	
Hazards characteristics	R-Phrases
Xi	R36/37/38

For full text of R- phrases: see section 16.

**2.1.2 The most important adverse effects**

**2.1.2.1 The most important adverse physicochemical effects:**

Not applicable.

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**2.1.2.2 The most important adverse human health effects:**

Causes skin irritation.  
 Causes serious eye irritation.  
 May cause respiratory irritation.

**2.1.2.3 The most important adverse environmental effects:**

Not applicable.

**2.2 label elements**

**Hazard Pictograms:**



**Signal Word(S):**

Warning

**Hazard Statement:**

H315: Causes skin irritation.  
 H319: Causes serious eye irritation.  
 H335: May cause respiratory irritation.

**Precautionary Statement:**

P261: Avoid breathing dust/fume/gas/mist/vapours/spray.  
 P264: Wash ... thoroughly after handling.  
 P271: Use only outdoors or in a well-ventilated area.  
 P280: Wear protective gloves/protective clothing/eye protection/face protection.  
 P302 + P352 IF ON SKIN: Wash with plenty of soap and water.  
 P304 + P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
 P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P312: Call a POISON CENTER or doctor/physician if you feel unwell.  
 P321: Specific treatment(see ... on this label)  
 P332 + P313: If skin irritation occurs: Get medical advice/attention.  
 P362: Take off contaminated clothing and wash before reuse.  
 P337 + P313: If eye irritation persists: Get medical advice/attention.  
 P403 + P233: Store in a well-ventilated place. Keep container tightly closed.  
 P405: Store locked up.  
 P501: Dispose of contents/container to ...

**2.3 Other hazards**

Not available.

**3 Composition/information on ingredients**

**Substance/Mixture:** Mixture

Chemical Name	Registration No.	Index number.	CAS No.	EC No.	Concentration	Classification according to EU CLP 1272/2008
Polyvinyl Chloride	N/A	N/A	9002-86-2	N/A	40%	N/A
Polyacrylate	N/A	N/A	9003-01-4	N/A	20%	Skin Irrit. 2; H315 Eye Irrit. 2; H319 STOT SE 3; H335
Backing paper	N/A	N/A	N/A	N/A	40%	N/A

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Chemical Name	Registration No.	Index number.	CAS No.	EC No.	Concentration	Classification according to 67/548/EEC
Polyvinyl Chloride	N/A	N/A	9002-86-2	N/A	40%	N/A
Polyacrylate	N/A	N/A	9003-01-4	N/A	20%	Xi; R36/37/38
Backing paper	N/A	N/A	N/A	N/A	40%	N/A

**4 First aid measures**

**4.1 Description of first aid measures:**

In all cases of doubt, or when symptoms persist, seek medical attention.

**4.1.1 In case of inhalation:**

Move to fresh air immediately. Seek medical attention in case of continuous irritation of respiratory tract.

**4.1.2 In case of skin contact:**

Wash with plenty of water for at least 15 minutes. While removing contaminated clothing and shoes. Seek medical attention if irritation develops or persists.

**4.1.3 In case of eyes contact:**

Flush eyes with running water for at least 5 to 10 minutes. Occasionally lifting the upper and lower eyelids. Seek medical attention in case of continuous irritation.

**4.1.4 In case of ingestion:**

Give 2-4 cupfuls of milk or water if victim is conscious and alert. Never give anything by mouth to an unconscious person. Do NOT induce vomiting. Seek medical attention.

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

Causes skin irritation.  
Causes serious eye irritation.  
May cause respiratory irritation.

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

If skin irritation or rash occurs, get medical advice/attention.

**5 Fire-Fighting measures**

**5.1 Extinguishing media:**

**Suitable extinguishing media:** Use media suitable to the surrounding fire, such as water spray, carbon dioxide, foam or dry chemical.

**Unsuitable extinguishing media:** Not available.

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

Material may catch fire if exposed to ignition sources and flame.

**5.3 Advice for fire-fighters:**

Firefighters should wear proper protective equipment and self-contained breathing apparatus. Move containers not involved in the fire away from the area. Use water spray to cool fire-exposed containers, structures and to protect personnel.

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**6 Accidental release measures**

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

***6.1.1 For non-emergency personnel:***

Remove ignition sources. Provide adequate ventilation. Avoid inhalation of vapour or dust. Avoid skin and eye contact. Wear protective gloves/protective clothing/eye protection/face protection.

***6.1.2 For emergency responders:***

Wear appropriate personal protective equipment as specified in section 8.

***6.2 Environmental Precautions:***

Do not allow material to be released to the environment without proper governmental permits

***6.3 Methods for Containment and Cleaning up:***

Collect and discard in accordance with all applicable federal, provincial, and local regulations.

***6.4 Reference to other sections:***

See Section 7 for information on safe handling.

See section 8 for information on personal protection equipment.

See Section 13 for information on disposal.

***6.5 Additional information:***

Don't use a brush or compressed air for cleaning surfaces or clothing. Clear spills immediately.

**7 Handling and storage**

***7.1 Precautions for safe handling:***

***7.1.1 Protective measures:***

Use with adequate ventilation. Avoid touching adhesive side of patch. Clean the surface to be repaired thoroughly, before use. Optimal conditions of use are 50 to 104°F (10 to 40°C). This material is NOT a saving device.

***7.1.2 Advice on general occupational hygiene:***

Avoid getting this material into contact with your eyes and skin. Keep away from foodstuffs, beverages, and feed. Wash hands before breaks and at the end of work.

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

Store in a cool (32 to 120°F / 0 to 49°C), dry area away from open flame and other ignition sources. Keep away from children and animals.

***7.3 Specific end use(s):***

Not applicable.

**8 Exposure control/personal protection**

***8.1 Control parameters:***

***8.1.1 Occupational exposure limits:*** Not available.

***8.1.2 Additional exposure limits under the conditions of use:*** Not available.

***8.1.3 DNEL/DMEL and PNEC-Values:*** Not available.

***8.2 Exposure controls***

***8.2.1 Appropriate engineering controls:***

Use with adequate ventilation. General room ventilation may be adequate. Wash hands and other exposed areas with mild

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soap and water before eating, drinking and when leaving the work area.

**8.2.2 Individual protection measures, such as personal protective equipment:**

Eye/face protection	None normally required.
Hand protection	None normally required. Avoid prolonged or repeated contact.
Body protection	None normally required.
Respiratory protection	None normally required.
Thermal hazards	Wear suitable protective clothing to prevent heat.

**8.2.3 Environmental exposure controls:**

Avoid discharge into the environment. According to local regulations, Federal and official regulations.

**9 Physical and chemical properties**

***9.1 Information on basic physical and chemical properties***

Appearance:	Solid
Colour:	Semi-transparent
Odour:	Odourless
Odour threshold:	Not available
pH:	Not available
Melting point/range (°C):	Not determined
Boiling point/range (°C) :	Not determined
Flash point (°C) :	Not determined
Evaporation rate:	Not applicable
Flammability (solid, gas);	Not available
Ignition temperature (°C) :	Not determined
Upper/lower flammability/explosive limits:	Not determined
Vapour pressure (20°C) :	Not determined
Vapour density:	Not determined
Relative Density (25°C):	Not determined
Bulk density (kg/m3) :	Not determined
Water solubility (g/l) at 20°C :	Not available
n-Octanol/Water (log Po/w) :	Not determined
Auto-ignition temperature:	Not determined
Decomposition temperature:	Not available
Viscosity, dynamic (mPa s) :	Not determined
Explosive properties:	Not determined
Oxidising properties:	Not applicable

***9.2. Other information:***

Fat solubility(solvent-oil to be specified) etc:	Not available
Surface tension:	Not available
Dissociation constant in water( pKa):	Not available
Oxidation-reduction Potential:	Not available

**10 Stability and reactivity**

***10.1 Reactivity:***

The substance is stable under normal storage and handling conditions.

***10.2 Chemical stability:***

Stable under normal temperatures and pressures.

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**10.3 Possibility of hazardous reactions:**

Will not occur.

**10.4 Conditions to avoid:**

Incompatible materials. Open flame and other sources of ignition.

**10.5 Incompatible materials:**

Not available.

**10.6 Hazardous decomposition products:**

If involved in a fire, irritating and toxic fumes may be formed. These may include carbon oxides, nitrogen oxides and other irritating fumes and smoke. Low levels of hydrogen cyanide may also be released.

**11 Toxicological information**

**11.1 Toxicokinetics, metabolism and distribution**

**Non-human toxicological data:** Not available

**11.2 Information on toxicological effects**

**Acute toxicity:**

LD50( Oral, Rat): Not available

LD50(Skin, Rat): Not available

LC50(Inhalation, Rat): Not available

**Skin corrosion/Irritation:** Not classified

**Serious eye damage/irritation:** Not classified

**Respiratory or skin sensitization:** Not classified

**Germ cell mutagenicity:** Not classified

**Carcinogenicity:** Not classified

**reproductive toxicity:** Not classified

**STOT- single exposure:** Not classified

**STOT-repeated exposure:** Not classified

**Aspiration hazard:** Not classified

**12 Ecological information**

**Toxicity:**

Acute toxicity		Time	Species	Method	Evaluation	Remarks
LC50	N/A	96h	Fish	OECD 203	N/A	N/A
EC50	N/A	48h	Daphnia	OECD 202	N/A	N/A
EC50	N/A	96h	Algae	OECD 201	N/A	N/A

**Persistence and degradability:** Not available.

**Bioaccumulative potential:** Not available.

**Mobility in soil:** Not available.

**Results of PBT&vPvB assessment:** Not applicable.

**Other adverse effects:** Not applicable.

**13 Disposal considerations**

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**13.1 Waste treatment methods**

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

**13.2 Product / Packaging disposal:**

If empty container retains product residues, all label precautions must be observed. Return for reuse or dispose according to national or local regulations.

**14 Transport information**

	<i>Land transport (ADR/RID)</i>	<i>Sea transport (IMDG)</i>	<i>Air transport (ICAO/IATA)</i>
<b>UN-Number:</b>	Not regulated	Not regulated	Not regulated
<b>UN Proper shipping name:</b>	Not regulated	Not regulated	Not regulated
<b>Transport hazard Class:</b>	Not regulated	Not regulated	Not regulated
<b>Packaging group:</b>	Not regulated	Not regulated	Not regulated
<b>Environmental hazards:</b>	Not regulated	Not regulated	Not regulated
<b>Special precautions for user:</b>	See section 2.2	See section 2.2	See section 2.2
<b>Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code</b>	Not regulated	Not regulated	Not regulated

**15 Regulation information**

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

**Relevant information regarding authorization:** Not applicable.  
**Relevant information regarding restriction:** Not applicable.  
**Other EU regulations:** Employment restrictions concerning young person must be observed. For use only by technically qualified individuals.  
**Other National regulations:** Not applicable  
**Chemical Safety Assessment has been carried out?**    YES       NO

**16 Other information**

**16.1 Indication of changes**      Version 1.1    Amended by EU No 453/2010

**16.2 Relevant R- phrases (number and full text):**

R36/37/38: Irritating to eyes, respiratory system and skin.

**16.3 Training instructions:**

Not applicable.

**16.4 Further information:**

This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product.

**16.5 Notice to reader:**

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Employers should use this information only as a supplement to other information gathered by them, and should make independent judgment of suitability of this information to ensure proper use and protect the health and safety of employees.

This information is furnished without warranty, and any use of the product not in conformance with this Safety Data Sheet, or in combination with any other product or process, is the responsibility of the user.