

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY.

Article name: **STARCHEM PEELABLE BOOTH COATING**

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2. COMPOSITION/INFORMATION ON INGREDIENTS.

Information on hazardous ingredients

Ingredients	%w/w	EEC-number	CAS-number	Symbol(s)	Risk Phrase(s)
Toluene	40-42		108-88-3		
Acetone	41-43		67-64-1		
Polyvinyl Chloride			9003-22-9		
Titanium Dioxide			13463-67-7		
Di-octyl Phthalate			117-81-7		
Process Oil			1-00-0		

3. HAZARDS IDENTIFICATION

Highly flammable liquid and explosive vapours. Harmful narcotic vapours. Irritant.

4. FIRST AID MEASURES

Eyes	Flush with plenty of clean water, if irritation persists obtain medical attention.
Skin	Wash the affected are with soap and water. If skin irritation persists obtain medical attention. Remove soaked clothing immediately.
Ingestion	Do not induce vomiting, obtain medical attention immediately.
Inhalation	Remove the affected person to fresh air. If breathing has stopped, apply artificial respiration and obtain medical attention immediately.

5. FIRE FIGHTING MEASURES.

Extinguishing Media	CO2, dry chemical, alcohol foam, sand, earth or water fog.
Fire & Explosion Hazards	
Protective measures	

6. ACCIDENTAL RELEASE MEASURES.

In the event of spillage, eliminate all sources of ignition and absorb into earth or sand. Prevent liquid entering sewers, basements and warn everyone of explosive hazard. If material has entered drains notify fire services and water authority.

7. STORAGE AND HANDLING (IN NORMAL USE).

Storage	Keep in tightly closed clearly labelled containers. Store in accordance with the highly flammable liquids and liquified petroleum gases regulations. Take precautionary measures against static discharge. All electrics and equipment must be flameproof. Naked flames and other sources of ignition must not be present. No smoking.
Ventilation	General or local exhaust ventilation should be used to control airborne levels.
Handling	Observe normal standards of industrial hygiene. Avoid contact with skin, eyes and clothing. Do not smoke during handling.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION (NORMAL USE)

Occupational Exposure Limits

Name	8Hr TWA	10 Min	Type	Ref
Acetone	1780mgm ³	3560mgm ³		
	750ppm	1500ppm		
Toluene	188mgm ³	560mgm ³		
	50ppm	150ppm		

Personal Protective Equipment

Respiratory	In case of insufficient ventilation, wear suitable respiratory device. Wear a full face respirator if levels are likely to exceed the MAXIMUM EXPOSURE LIMIT.
Hand	Impervious gloves
Eye	Eye goggles and / or face shield.
Other	Observe normal standards of industrial hygiene.

9. PHYSICAL / CHEMICAL PROPERTIES

Appearance	White liquid
Odour	Marked characteristic odour.
p.H. as delivered	N/A.
Viscosity	42-46 secs. (F.C.4 @ 20 degrees C).
Freezing Point	N/A.
Freeze thaw recovery	N/A.
Melting Point	N/A.
Boiling Point	56.2 - 110 degrees C.
Flash Point	Minus 17 degrees C.
Auto flammability	515 degrees C.
Vapour Pressure	Acetone - 246.4mbar, Toluene - 29.6 mbar (@ 20 degrees C).
Vapour Density	2.0 - 3.1 (Air:1)
Relative Density (SG)	N/A
Solubility	Insoluble in water.

10. STABILITY AND REACTIVITY

Stability	Stable, will react with strong oxidising agents.
Conditions to avoid	Avoid direct heat, naked flames, fork lift exhausts etc., and ensure handling equipment is earthed. Avoid combustible materials.
Materials to avoid	See conditions to avoid.

11. TOXICOLOGICAL INFORMATION

Acute effects.	
Eyes	Causes irritation to eyes.
Skin	Causes irritation to the skin. May be absorbed through the skin.
Ingestion	May cause vomiting, irritation of digestive tract and effects similar to inhalation of vapour.
Inhalation	May cause drowsiness, nausea, dizziness and loss of consciousness. Aspiration of liquid may cause pulmonary oedema.
Chronic effects	Chronic skin contact may cause dermatitis.

12. ECOLOGICAL INFORMATION.

Mobility	Log KOW = 2.69 (Toluene).
Persistence and Degradability	Toluene BOD5 =5% ThoD. Acetone BOD10 of 72% reported readily biodegradable.
Bio-accumulation	No data available
Aquatic toxicity	Harmful to aquatic organisms.
Other	No data available

13. DISPOSAL CONSIDERATIONS.

Disposal of the solid waste may be by land fill and the liquid waste by controlled incineration. Obtain the services of a waste disposal contractor and send to a registered tip, or burn under controlled conditions in a suitable incinerator.

14. TRANSPORT INFORMATION (REGULATIONS).

Packaging	Tins.
Transport classification	Flammable liquid.
Substance identification number	1263
Proper shipping name	Same as product name.
ICAO/IATA/IMDG CLASS	3-2-0
Subsidiary risk	-
Packing group	2
ADR class	33
Transport hazard symbol	-
Hazard ident number	-
Emergency action code	-
Tremcard	(R) 595

15. REGULATORY INFORMATION (SUPPLY AND LABELLING)

Supply classification	Highly flammable, harmful.
Risk phrases	R11 Highly flammable, R20 Harmful by inhalation, R62 Possible risk of impaired fertility, R63 Possible risk to unborn child.
Safety phrases	S9 Keep container in well ventilated place, S16 Keep away from sources of ignition, No smoking, S23 Do not breathe fumes, vapour or spray, S24/25 Avoid contact with skin and eyes, S29 Do not empty into drains, S33 Take precautionary measures against static discharge, S36/37/39 Wear suitable protective clothing, gloves and eye/face protection, S51 Use only in well ventilated areas.
Other applicable regulations	C.O.S.H.H. Regulations 1988.

16. OTHER INFORMATION

The information is accurate to the best knowledge of the Company. StarChem Ltd does not accept any liability whatsoever arising out of the use of the information, or any use, application, adaptation or processing of the product described therein. Contact supplier for further information.
