



# Material Safety Data Sheet

## Hazardous Substance, Dangerous Goods

### 1. MATERIAL AND SUPPLY COMPANY IDENTIFICATION.

Product name: GuardianTactile Primer.  
Recommended use: Primer for Guardian Tactile Adhesion.  
Supplier: Guardian Tactile Systems Pty Ltd.  
Phone +61 8 9240 1888

### 2. HAZARDS IDENTIFICATION.

This material is hazardous according to health criteria of NOHSC Australia.

#### Hazard Category:

Xn Harmful  
Xi Irritant

#### Risk Phrase(s):

R38 : Irritating to skin.  
R65 : Harmful: May cause lung damage if swallowed.  
R67 : Vapours may cause drowsiness and dizziness.

#### Safety Phrase(s):

S23 : Do not breathe vapour.  
S24/25 : Avoid contact with skin and eyes.  
S36/37/39 : Wear suitable protective clothing, gloves and eye/face protection.  
S38 : In case of insufficient ventilation, wear suitable respiratory equipment.  
S62 : If swallowed, do not induce vomiting; seek medical advice immediately and show this container or label.

Classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for Transport by Road and Rail.

**Class** : 3 Flammable Liquid.

Poisons Schedule (Aust): S5.

This material is a Scheduled Poison S5 and must be stored, maintained and used in accordance with the relevant regulations.

### 3. COMPOSITION INFORMATION.

CHEMICAL ENTITY	CAS NO.	PROPORTION
Naphtha, petroleum, hydrotreated light	64742-49-0	>60%
Ingredients determined to be non-hazardous	-	<u>Balance</u>
		100%

**4. FIRST AID MEASURES.**

If poisoning occurs, contact a doctor or Poisons Information Centre (Phone Australia 131 126, New Zealand 0800 764 766).

**Inhalation:**

Remove victim from exposure - avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. If breathing laboured and patient blue, ensure airways are clear and have a qualified person give oxygen through a facemask. If breathing has stopped apply artificial respiration at once. In the event of cardiac arrest, apply external cardiac massage. Seek immediate medical advice.

**Skin contact:**

For gross contamination, immediately drench with water and remove clothing. Continue to flush skin and hair with plenty of water. (and soap is material is soluble). For skin burns, cover with a clean, dry dressing until medical help is available. If blistering occurs, do NOT break blisters. If swelling, redness, blistering, or irritation occurs seek medical assistance.

**Eye contact:**

If in eyes wash out immediately with water. In all cases of eye contamination it is a sensible precaution to seek medical advice.

**Ingestion:**

Immediately rinse mouth with water. If swallowed, do NOT induce vomiting. Give a glass of water to drink. Never give anything by the mouth to an unconscious patient. If vomiting occurs give further water. Seek immediate medical advice.

**Notes to physician:**

Treat symptomatically. Effects may be delayed. Delayed pulmonary oedema may result.

**5. FIRE-FIGHTING MEASURES.****Specific hazards:**

Flammable liquid. May form flammable vapour mixtures with air. Flameproof equipment necessary in area where this chemical is being used. Nearby equipment must be earthed. Vapour may travel a considerable distance to source of ignition and flash back. Electrical requirements for work area should be assessed according to AS3000. Avoid all ignition sources. All potential sources of ignition (open flames, pilot lights, furnaces, spark producing switches and electrical equipment etc) must be eliminated both in and near the work area. Do NOT smoke while using this product.

**Fire fighting further advice:**

If safe to do so, remove containers from path of fire. Keep containers cool with water spray. On burning may emit toxic fumes. Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to vapour or products of combustion.

**Hazchem Code:** 3[Y]E.

**Suitable extinguishing media:**

If material is involved in a fire use foam, dry agent (carbon dioxide, dry chemical powder).

## 6. ACCIDENTAL RELEASE MEASURES.

### SMALL SPILLS

Wear protective equipment to prevent skin and eye contamination. Avoid inhalation of vapour. Wipe up with absorbent (clean rag or paper towels). Collect and seal in properly labelled containers or drums for disposal.

### LARGE SPILLS

Shut off all possible sources of ignition. Clear area of all unprotected personnel. Slippery when spilt. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contamination and the inhalation of vapours. Work up wind or increase ventilation. Contain - prevent run off into drains and waterways. Use absorbent (soil, sand or other inert material). Use a spark-free shovel. Collect and seal in properly labelled containers or drums for disposal. If contamination of sewers or waterways has occurred advise local emergency services.

**Dangerous Goods – Initial Emergency Response Guide No: 14.**

## 7. HANDLING AND STORAGE.

### Handling:

Avoid skin and eye contact and inhalation of vapour.

### Storage:

Store in a cool, dry, well-ventilated place and out of direct sunlight. Store away from incompatible materials described in Section 10. Store away from sources of heat or ignition. Keep containers closed when not in use - check regularly for leaks.

This material is classified as a Dangerous Good Class 3 Flammable Liquid as per the criteria of the Australian Dangerous Goods Code and must be stored in accordance with the relevant regulations.

This material is a Scheduled Poison S5 and must be stored, maintained and used in accordance with the relevant regulations.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION.

### National occupational exposure limits:

No value assigned for this specific material by the National Occupational Health and Safety Commission (NOHSC Australia).

However for :

	TWA		STEL		CARCINOGEN CATEGORY	NOTICES
	ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>		
Isohexane*	353	1,200	-	-	-	-

\*Suppliers recommendations

TWA – The time-weighted average airborne concentration over an eight-hour working day, for a five-day working week over an entire working life.



**Conditions to avoid:**

Elevated temperatures and sources of ignition.

**Incompatible Materials:**

Oxidising agents.

**Hazardous decomposition products:**

Oxides of carbon and nitrogen, smoke and other toxic fumes.

**Hazardous reactions:**

No information available.

**11. TOXICOLOGICAL INFORMATION.**

No adverse health effects expected if the product is handled in accordance with this Material Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

**Acute Effects****Inhalation:**

Material may be irritant to mucous membranes and respiratory tract. Inhalation of vapour can result in headaches, dizziness and possible nausea.

**Skin contact:**

Contact with skin will result in irritation.

**Eye contact:**

May be an eye irritant.

**Ingestion:**

Swallowing can result in nausea, vomiting and irritation of the gastrointestinal tract. May cause lung damage if swallowed. Small amounts of liquid aspirated into the respiratory system during ingestion or vomiting may cause bronchopneumonia or pulmonary oedema.

**Long Term Effects:**

No information available for product.

**Acute toxicity / Chronic toxicity:**

No LD50 data available for the product.

**12. ECOLOGICAL INFORMATION.**

Avoid contaminating waterways.

**Ecotoxicity:**

No information available.

**Persistence and degradability:**

No information available.

**Mobility:**

No information available.

**13. DISPOSAL CONSIDERATIONS**

Refer to State/Territory Land Waste Management Authority.

**14. TRANSPORT INFORMATION.****ROAD AND RAIL TRANSPORT:**

Classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for Transport by Road and Rail.

**UN No** : 1133  
**Dangerous Goods Class** : 3  
**Packing Group** : II  
**Hazchem Code** : 3[Y]E  
**Emergency Response Guide No** : 14  
**Proper Shipping Name:** ADHESIVE containing flammable liquids

**Segregation:**

Dangerous Goods: Not to be loaded with explosives (Class 1), flammable gases (Class 2.1), if both are in bulk, toxic gases (Class 2.3), spontaneously combustible substances (Class 4.2), oxidising agents (Class 5.1), organic peroxides (Class 5.2) or radioactive substances (Class 7), however exemptions may apply.

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MSDS GuardianTactile Primer

1st July 2008.

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**MARINE TRANSPORT**

Classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

**UN No** : 1133  
**Dangerous Goods Class** : 3  
**Packing Group** : II

**Proper Shipping Name** : ADHESIVE containing flammable liquids

**AIR TRANSPORT**

Classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

**UN No** : 1133  
**Dangerous Goods Class** : 3  
**Packing Group** : II

**Proper Shipping Name** : ADHESIVE containing flammable liquids.

**15. REGULATORY INFORMATION.**

**Poisons Schedule (Aust): S5**

All the constituents of this material are listed on the Australian Inventory of Chemical Substances (AICS).

**16. OTHER INFORMATION.**

**Literary reference.**

This Material Safety Data Sheet has been prepared by Chemical Data Services Pty Ltd on behalf of its client.

Reason (s) For Issue : Correction to Poison Schedule Classification.

Material Safety Data Sheets are updated frequently. Please ensure that you have a current copy.

This MSDS summarises at the date of issue our best knowledge of the health and safety hazard information of the product, and in particular how to safely handle and use the product in the

workplace. Since Guardian Tactile Systems Pty Ltd, cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, review this MSDS in the context of how the user intends to handle and use the product in the workplace.

If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact Guardian Tactile Systems.

Our responsibility for product sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available upon request.