

MATERIAL SAFETY DATA SHEET

SECTION 1 – IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name	HANDSCREEN
Manufacturer's Product Code	5016
Other Names	Aerosol protective hand cream.
Major Recommended Uses	As a protective barrier cream for the hands.
Supplier's Details	Mantek 7 Ralph Street, Alexandria Sydney NSW 2015 Telephone Number (Office Hours): (02) 9669 0261 Fax Number: (02) 9693 1562 Emergency Telephone Number: (02) 9214 0755
Date of Issue	January 2008

SECTION 2 – HAZARDS IDENTIFICATION

Hazard Classification	NOT classified as hazardous according to the criteria of NOHSC.
Dangerous Goods Class & Sub-risk	Class 2.1, no sub-risk.
Poisons Schedule	None allocated.
Risk Phrases	Flammable propellant.
Safety Phrases	Keep out of reach of children. Keep container in a well-ventilated place. Keep away from sources of ignition - no smoking.

SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients			
Chemical Entity	CAS No	Proportion	Synonyms
'INGREDIENTS DETERMINED NOT TO BE HAZARDOUS'		100%	

SECTION 4 – FIRST AID MEASURES

Skin	Not applicable. Seek medical attention if irritation develops.
Eye	Rinse eyes with water for 15-minutes, lifting upper and lower lids occasionally. Seek medical attention if irritation develops. Treatment is most effective within one minute.
Inhalation	Not a hazard. Remove to fresh air. Seek medical attention if respiratory irritation develops or if breathing becomes difficult.
Ingestion	Give water, but do NOT induce vomiting. If vomiting occurs, give fluids again. Seek medical attention if discomfort occurs.
First Aid Facilities	General eyewash.
Advice to Doctor	Treat the patient symptomatically.
Additional Information	Primary routes of entry are via inhalation. Target organs: none known.

SECTION 5 – FIRE FIGHTING MEASURES

Flammable propellant. Product itself is not flammable.	
Suitable Extinguishing Media	In the event of a fire, powder, foam, CO ₂ and water spray are the recommended extinguishing agents.
Special Protective Equipment and Precautions for Fire Fighters	Fire fighters should wear self-contained breathing apparatus and full protective gear. Use of extinguishing material depends upon the nature of fire. Use water spray to cool exposed pressurised containers.
Fire/Explosive Hazards	As with all aerosol containers, use water spray to cool exposed cans.
Hazchem Code	2Y

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SECTION 6 – ACCIDENTAL RELEASE MEASURES

Methods and Materials for Containment and Clean Up	Due to the nature of aerosol packaging, a large spill is unlikely. For a small spill, ventilate the area and absorb with an inert material. Dispose of waste in a closed, labelled container in accordance with local, state and Commonwealth laws. Typical disposal is to wrap the empty aerosol container in several layers of newspaper and dispose of in the garbage. Do not puncture or incinerate the can. Residue can be rinsed with water and area washed with detergent and water.
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SECTION 7 – HANDLING AND STORAGE

Precautions for Safe Handling	Observe precautions stated on product label, and follow industry safety regulations. Eating and smoking should be prohibited where the preparation is used. Use with caution around heat, sparks, pilot lights, static electricity and open flame. Keep out of eyes.
Conditions for Safe Storage	Store indoors in the in original container. Store in a dry, well-ventilated area. Store below 49°C.

SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Standards	Not established for this mixture. The exposure limits for individual ingredients follow: propane/butane propellant: TWA – 800ppm; 1900mg/m ³ triethanolamine: TWA – 5mg/m ³ propylene glycol: TWA – 150ppm; 474mg/m ³
Engineering Controls	General exhaust is usually sufficient to protect user from exposure to levels of greater than permissible exposure limits. Minimise use/application in confined spaces.
Personal Protective Equipment	Eye/Face Protection: Wear safety glasses if the method of use presents the likelihood of eye contact. AS1336 and AS/NZS1337 should be consulted for information on eye protection.
Skin Protection	Not required. Product is designed for application directly to skin.
Respiratory Protection	None required under normal conditions of use. If misting is likely to occur, or if used in confined or poorly ventilated areas where exposure will be above the TLV, an approved organic vapour respirator meeting the requirements outlined in AS/NZS 1715 and AS/NZS 1716 should be used.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Opaque white semi-viscous liquid/foam with floral/lavender odour.
Vapour Density	0.6 (Air = 1)
Vapour Pressure	18mm of Hg (At 25°C)
Boiling Point	99°C
Melting Point	Not applicable
Solubility in Water (g/L)	Complete
pH	9.0
Specific Gravity	1.005 (At 25°C; water = 1)
Flashpoint	Non-flammable. (- once product sprayed out of can)
Flashpoint Method	P.M.C.C
Flammability Limits	None (- once product sprayed out of can)
% Volatiles by Volume	86%
Evaporation Rate	0.1 (Bu Ac = 1)

SECTION 10 – STABILITY AND REACTIVITY

Stability	Stable.
Hazardous Polymerisation	Will not occur.
Conditions/Materials to Avoid	Avoid heat, hot surfaces, sparks, and open flames.
Hazardous Decomposition Products	Oxides of carbon.

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SECTION 11 – TOXICOLOGICAL INFORMATION

Health Effects:	
Acute - Swallowed	May cause irritation with possible nausea, vomiting and diarrhoea if ingested in large quantities.
Acute - Eye	May cause irritation seen as tearing, redness, and a burning sensation.
Acute - Skin	Not a hazard. Designed for application directly to skin.
Acute - Inhaled	Not a hazard in usual use.
Chronic	Due to the use pattern of this product, the likelihood of any chronic effects occurring is remote. Repeated application to eyes can cause marked irritation. Massive chronic ingestion could cause slight liver damage.
Target Organs	None known.
Product Contains Chemicals Listed as Carcinogens by	International Agency for the Research of Cancer (IARC): NO Other: NO

SECTION 12 – ECOLOGICAL INFORMATION

No specific toxicology data on this product is available. When used as indicated, no adverse environmental effects are foreseen. Soluble in water.

SECTION 13 – DISPOSAL CONSIDERATIONS

Do not incinerate or puncture aerosol cans. If aerosol can develops a leak, allow to fully discharge before disposal. Prevent disposal in sewers and waterways. Normally suitable for disposal at approved land waste site, but review Federal, State and local government requirements prior to disposal.

SECTION 14 – TRANSPORT INFORMATION

UN Number	UN1950
UN Proper Shipping Name	Aerosol
Transport Hazard Class	ADG Class 2, no sub-risk.
Packaging Group	Not applicable.
Hazchem Code	2Y

SECTION 15 - REGULATORY INFORMATION



Poisons Schedule: None allocated

SECTION 16 – OTHER INFORMATION

Initial 16-heading MSDS.

Since the user's working conditions are not known by the supplier, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations. The product must not be used for any purposes other than those specified in Section 1 without first obtaining written handling instructions. MANTEK assumes no responsibility for personal injury or property damage caused by the use, storage, or disposal of the product in a manner not recommended on the product label. Users assume all risks associated with such non-recommended use, storage or disposal of the product.

It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations. The information given on this safety data sheet must be regarded as a description of the safety requirements relating to our product and not a guarantee of its properties.

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