

4. JUL. 2002 16:13

HENKEL STATIONERY

Henkel

Henkel Australia Pty. Ltd.

A.C.N. 001 312 881

CONSUMER ADHESIVES DIVISION

Canterbury Road, Kilsyth, Victoria. (03) 9728 7200

24 HOUR EMERGENCY CONTACT NUMBER: 1800 032 378

PROPRIETARY PRODUCT SAFETY DATA SHEET**IDENTIFICATION**

PROPRIETARY PRODUCT:

SISTA FILLING FOAM (M525L)**STATEMENT OF HAZARDOUS NATURE:**

HAZARDOUS ACCORDING TO THE CRITERIA OF WORKSAFE AUSTRALIA. THIS MATERIAL HAS BEEN CLASSIFIED AS HARMFUL (Xn) AND IRRITANT (Xi).

R12 - EXTREMELY FLAMMABLE.

R20 - HARMFUL BY INHALATION.

R36/37/38 - IRRITATING TO EYES, RESPIRATORY SYSTEM AND SKIN.

R42 - MAY CAUSE SENSITIZATION BY INHALATION.

S2 - KEEP OUT OF REACH OF CHILDREN.

S26 - IN CASE OF CONTACT WITH EYES, RINSE IMMEDIATELY WITH PLENTY OF WATER AND CONTACT A DOCTOR OR POISONS INFORMATION CENTRE.

S28 - AFTER CONTACT WITH SKIN, WASH IMMEDIATELY WITH PLENTY OF WATER.

S36 - IN CASE OF INSUFFICIENT VENTILATION, WEAR SUITABLE RESPIRATORY EQUIPMENT.

S45 - IN CASE OF ACCIDENT OR IF YOU FEEL UNWELL, CONTACT A DOCTOR OR POISONS INFORMATION CENTRE IMMEDIATELY (SHOW THE LABEL WHERE POSSIBLE).

DANGEROUS GOODS INFORMATION:

DESCRIPTION: AEROSOL, FLAMMABLE (CONTAINS DIMETHYL ETHER)

U.N.NO.: 1950

CLASS: 2.1

SUBSIDIARY RISK: -

PACKAGING GROUP: III

POISONS SCHEDULE: -

EMERGENCY PROCEDURE GUIDE: 2D1

HAZCHEM CODE: 2YE

USE:

BONDING AND INSULATING FOAM

PHYSICAL DATA:

APPEARANCE:

LIGHT YELLOW LIQUID/FOAM

SOLUBILITY:

INSOLUBLE IN WATER

BOILING POINT:

> 100°C

SPECIFIC GRAVITY:

1.13 @ 20°C

ODOUR:

CHARACTERISTIC

FLASH POINT:

< 20°C

INGREDIENTS:

CHEMICAL ENTITY	CAS. NO.	PROPORTION
DIPHENYLMETHANE-4,4'		
DIISOCYANATE	[101-68-8]	< 10%
POLYURETHANE PREPOLYMER		HIGH, GREATER THAN 80%
PROPELLANT: TETRAFLUORETHANE	[115-10-6]	
AND DIMETHYL ETHER (OZONE SAFE)		

DATE OF MSDS: 17.02.00

REVISION OF: 27.08.98

CODE NO: 123000000

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SISTA FILLING FOAM (M525L)

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HENKEL STRITUNENY 01 2 3740152

NO. 858 P. 2/4



HEALTH HAZARD INFORMATION

HEALTH EFFECTS:

THIS PRODUCT IS REGARDED AS BEING HARMFUL BY INHALATION AND IRRITATING TO SKIN, EYES AND RESPIRATORY SYSTEM. INGESTION MAY RESULT IN NAUSEA, VOMITING AND STOMACH PAIN. AS WITH ANY INDUSTRIAL CHEMICAL, INGESTION, INHALATION OF VAPOUR OR MIST, PROLONGED OR REPEATED SKIN CONTACT SHOULD BE AVOIDED BY GOOD STANDARDS OF INDUSTRIAL HYGIENE.

FIRST AID:

SKIN

IMMEDIATELY WASH CONTAMINATED SKIN WITH PLENTY OF WATER. REMOVE ALL CONTAMINATED CLOTHING, WASH CONTAMINATED CLOTHING BEFORE RE-USE. IF SWELLING, REDNESS, BLISTERING OR IRRITATION OCCURS, SEEK MEDICAL ATTENTION.

EYES

IMMEDIATELY IRRIGATE WITH COPIOUS QUANTITIES OF WATER FOR AT LEAST 15 MINUTES. EYELIDS SHOULD BE HELD OPEN. REMOVE ALL CONTAMINATED CLOTHING AND WASH CONTAMINATED SKIN. SEEK IMMEDIATE MEDICAL ATTENTION.

INHALATION

REMOVE FROM EXPOSURE - AVOID BECOMING A CASUALTY. FOR ALL BUT THE MOST MINOR SYMPTOMS, ARRANGE FOR PATIENT TO BE SEEN BY A DOCTOR AS SOON AS POSSIBLE, EITHER ON SITE OR AT THE NEAREST HOSPITAL.

INGESTION

DO NOT DRINK WATER. DO NOT INDUCE VOMITING. SEEK IMMEDIATE MEDICAL ASSISTANCE. SHOW THIS MATERIAL SAFETY DATA SHEET TO TREATING DOCTOR.

ADVICE TO DOCTOR:

TREAT SYMPTOMATICALLY, SUBSTANCE IS A POLYURETHANE FOAM WHICH SOLIDIFIES ON MEETING AIR.

TOXICITY INFORMATION:

NONE AVAILABLE.

PRECAUTIONS FOR USE

THRESHOLD

METHYLENE BIPHENYL ISOCYANATE (MDI): TLB TWA C: 0.02 ppm, C: 0.2 mg/m³ (ACGIH 1987-88), TLV TWA: 0.005 ppm, 0.055 mg/m³ (ACGIH Intended change 1987-88), REL TWA: 0.005 ppm, C 0.02 ppm/10 min (NIOSH 1985)

VENTILATION: A LOCAL MECHANICAL EXHAUST SYSTEM IS RECOMMENDED FOR CONFINED SPACES.

PERSONAL PROTECTION:

USE GOOD INDUSTRIAL HYGIENE. AVOID ALL CONTACT. WEAR IMPERVIOUS GLOVES, SAFETY GLASSES AND OVERALLS. USE WITH ADEQUATE VENTILATION. AVOID INHALATION, WEAR APPROVED RESPIRATOR. ALWAYS WASH HANDS BEFORE SMOKING, EATING, DRINKING OR USING THE TOILET.

FLAMMABILITY:

CURED FOAM IS NON-FLAMMABLE. PROPELLANT GAS MIXTURE IS FLAMMABLE. WHEN BURNT OR IN CONTACT WITH FLAME OR HOT SURFACES, PROPELLANT GASES CAN PRODUCE TOXIC GASES. 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 THE PRODUCT.

DATE OF MSDS: 17.02.00

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PROPRIETARY PRODUCT:

BISTA FILLING FOAM (M525L)

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NO. 898

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Henkel

SAFE HANDLING INFORMATION

STORAGE AND TRANSPORT:**TRANSPORT:**

THIS PRODUCT IS A CLASS 2.1 FLAMMABLE AEROSOL. OBSERVE THE REQUIREMENTS OF THE AUSTRALIAN CODE FOR THE TRANSPORT OF DANGEROUS GOODS BY ROAD AND RAIL.

STORAGE:

STORE INDOORS IN A COOL, DRY, WELL VENTILATED AREA. PROTECT FROM PHYSICAL DAMAGE AND TEMPERATURES EXCEEDING 50°C. KEEP AWAY FROM OPEN FLAMES, SOURCES OF IGNITION OR OTHER STRONG HEAT SOURCES.

PACKAGING:

600g OR 900g AEROSOL CANS

INCOMPATIBILITY:

KEEP AWAY FROM STRONG OXIDIZING AGENTS, NAKED FLAMES OR STRONG HEAT SOURCES.

HANDLING:

KEEP OUT OF REACH OF CHILDREN. WHEN USING, DO NOT SMOKE, EAT OR DRINK. OBSERVE RECOMMENDATIONS MADE UNDER PRECAUTIONS FOR USE.

FIRST AID FACILITIES:

EYE WASH

SPILLS AND DISPOSAL:**SPILLS:**

REMOVE MECHANICALLY AFTER CURING.

DISPOSAL:

USABLE PRODUCT IS A PRESCRIBED WASTE AND MAY BE INCINERATED WITH THE APPROVAL OF THE RELEVANT STATUTORY AUTHORITY.

CONTAINERS:

ONLY TOTALLY EMPTY CANS SHOULD BE DISPOSED OF THROUGH AN APPROVED LANDFILL SITE. DO NOT PUNCTURE OR INCINERATE.

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PROPRIETARY PRODUCT:

CODE NO: 123000000
512TA FILLING FOAM (M525L)

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NO. 6970

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Henkel**FIRE/EXPLOSION HAZARD:****SPECIAL PROTECTION PROCEDURES:**

NONE. CANS EXPOSED TO FIRE OR STRONG HEAT SOURCES SHOULD BE REMOVED IF SAFE TO DO SO OR COOLED USING WATER SPRAY.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

UNDER FIRE CONDITIONS, TOXIC AND CORROSIVE GASES SUCH AS HYDROGEN CHLORIDE, CARBON MONOXIDE, HYDROGEN CYANIDE AND HYDROGEN FLUORIDE COULD FORM. AEROSOL CANS MAY EXPLODE.

EXTINGUISHING MEDIA:

CARBON DIOXIDE, FOAM, DRY CHEMICAL AND WATER FOG.

NOTICE:

THIS MATERIAL SAFETY DATA SHEET MUST BE MADE AVAILABLE TO ALL PERSONS WHO, BY THE NATURE OF THEIR EMPLOYMENT, MAY HANDLE OR COME INTO CONTACT WITH THIS MATERIAL.

DISCLAIMER:

THE PERCENTAGE WEIGHT (% w/w) OF INGREDIENTS IS NOT TO BE TAKEN AS A SPECIFICATION GUARANTEED BY HENKEL AUSTRALIA PTY. LIMITED, BUT ONLY AS AN APPROXIMATE GUIDE TO THE CONTENT OF HAZARDOUS INGREDIENTS IN THE MATERIAL. THE INFORMATION CONTAINED HEREIN DOES NOT CONSTITUTE A GUARANTEE BY HENKEL AUSTRALIA PTY. LIMITED CONCERNING THE PROPERTIES OF THE MATERIAL.

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PROPRIETARY PRODUCT:

CODE NO: 123000000

SISTA FILLING FOAM (M25L)

EMERGENCY PROCEDURES

If This Happens ↓	Do This ↓
Tanker/Vehicle Accident	Carry out action under FOR ALL EMERGENCIES . Check for leaks. Do not move vehicle if movement could cause spillage or generate sparks. Warn other traffic.
Spill or Leak	Carry out action under FOR ALL EMERGENCIES . Avoid breathing gas and contact of liquid with skin and eyes. Wear self-contained breathing apparatus and protective gloves. Isolate leaking containers if safe to do so, by removing to a safe, unoccupied area outdoors. If water is available, spray leaking containers to reduce ignition hazard and disperse gas.
Fire (If load not affected, refer to Vehicle Fire EPG)	Carry out action under FOR ALL EMERGENCIES . For minor fires use extinguisher provided (trained personnel). For major fires consider further evacuation. Use water delivered as a fine spray to control the fire and cool adjacent area. Where safe to do so, remove cool dispensers from path of fire. Do not approach containers suspected of being hot. If fire gets out of control withdraw all personnel from area and warn against entry.

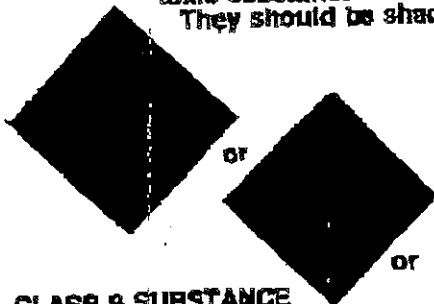
FIRST AID

Inhaled	Remove patient to fresh air, lay down, rest. If patient is not breathing, apply resuscitation. Keep warm. Transport to hospital or doctor.
Eyes	Hold eyes open and immediately wash continuously with water for at least 15 minutes. Transport to hospital or doctor.
Skin	Wash affected areas thoroughly with water and soap.
Burns	Immerse affected area in cold water for 10 to 15 minutes. Bandage lightly with sterile dressing. Treat for shock if required. Transport to hospital or doctor.

EMERGENCY PROCEDURE GUIDE—TRANSPORT

GROUP TEXT CARD 2D1 AEROSOL DISPENSERS

Dispensers may contain, under pressure, any or all of the flammable gases, flammable liquids, toxic substances or substances that produce toxic gases in fires, or corrosive liquids. They should be shaded from direct sunlight and kept at temperatures below 45°C.



NAME* Aerosols, Dispensers with a capacity not exceeding 1 litre TRADE NAME† SISTA M525K FOAM AEROSOL SISTA M525L FOAM AEROSOL	UN No	HAZCHEM
	1950	2YE

CLASS 8 SUBSTANCE
IF CLASS 0
NO LABEL REQUIREMENTS

* As described in the Australian Code for the Transport of Dangerous Goods by Road and Rail.
† Trade or common name on label.

EMERGENCY CONTACTS

POLICE OR FIRE BRIGADE: DIAL 000 if ineffective Dial 1100 (exchange)

Organization	Location	Telephone	Ask for
HENKEL AUSTRALIA PTY LIMITED	MELBOURNE SYDNEY ADELAIDE BRISBANE PERTH	008 302 996 Include area code in brackets	DAVID LAMBERT PETER MCKEE ROD HOWIE ALAN BULL TONY SMITH

HAZARDS

Fire	Heat or accidental damage may release flammable, poison or corrosive gas. Vapour can form explosion hazard indoors, outdoors, in sewers or drains. Heat may cause violent rupture of containers. Rupturing dispensers may rocket and scatter burning liquids, toxic gas or corrosive liquids in any direction.
Health	Vapour may cause dizziness or suffocation. Contact may irritate or burn eyes or skin. Fire may produce irritating or poisonous gases. Contents may cause dizziness and harmful effects, especially in confined spaces and high concentrations.
Other	Leaks of gas can travel considerable distances to a source of ignition.

EMERGENCY PROCEDURES

If This Happens	Do This
For All Emergencies	Shut off engine and electrical equipment and leave "off" until vapour hazard is removed. No smoking or naked lights within 25 metres. Evacuate people from immediate area; keep upwind. Send messenger to notify fire brigade and police telling them location, material, quantity, UN Number and emergency contact as well as condition of vehicle and damage observed.