

COMPANY: MACLEOD INDUSTRIES AUSTRALIA P/L

PRODUCT NAME: SHIELD SEALER UNDERCOAT

THIS PRODUCT IS NON-HAZARDOUS ACCORDING TO THE CRITERIA OF WORKSAFE AUSTRALIA.

COMPANY DETAILS: MACLEOD INDUSTRIES AUSTRALIA P/L
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IDENTIFICATION

UN NUMBER: 1263 (PAINT)
 DANGEROUS GOODS CLASS: NONE ALLOCATED
 SUBSIDIARY RISK: NONE
 HAZCHEM CODE: NONE
 PACKAGING GROUP: NONE
 POISONS SCHEDULE: NOT SUBJECT TO POISONS SCHEDULING
 USE: SEALING AND/OR UNDERCOATING TIMBER,
 WALLBOARDS, CUSTOMWOOD, ETC.

PHYSICAL DESCRIPTION AND PROPERTIES

APPEARANCE: WHITE/OFF-WHITE VISCOUS LIQUID.
 ODOUR: AMMONIACAL SCENT
 BOILING POINT: NOT AVAILABLE
 VAPOUR PRESSURE: NOT AVAILABLE
 PERCENT VOLATILE, VOLUME: 60 - 65%
 PERCENT VOLATILE, MASS: APPROX 50%
 SPECIFIC GRAVITY: APPROXIMATELY 1.5 kg/l
 FLASH POINT: NOT APPLICABLE
 FLAMMABILITY LIMIT: NOT FLAMMABLE
 SOLUBILITY IN WATER: THIS PRODUCT IS COMPLETELY MISCIBLE WITH WATER

INGREDIENTS:

CHEMICAL NAME:	CAS NUMBER	MASS PERCENT	CLASSIFICATION/RISK
PIGMENTS AND MINERAL FILLERS		30 - 60%	NONE
ACRYLIC EMULSION RESINS		10 - 29%	NONE
ADDITIVES (THICKENERS, SURFACTANTS, ANTIFOAMS, FUNGICIDES, SOLVENTS)		V. LOW PROPORTION	NONE
PROPYLENE GLYCOL	56-55-6	LESS THAN 2%	NONE
AMMONIA	7664-41-7	LESS THAN 0.05%	NONE AT THIS CONC.
SODIUM NITRATE	7632-00-0	LESS THAN 0.01%	NONE
SODIUM BENZOATE	532-32-1	LESS THAN 0.001%	NONE
ACRYLIC MONOMER (FROM ACRYLIC RESIN)		NO LISTING	

OTHER INGREDIENTS NOT HAZARDOUS UNDER WORKSAFE GUIDELINES TO 100%

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HEALTH HAZARD INFORMATION

HEALTH EFFECTS: SHORT TERM EXPOSURE BY ALL ROUTES IS CONSIDERED TO BE PRACTICALLY NON-HARMFUL

HEALTH EFFECTS - ACUTE

- SWALLOWED: NO ADVERSE EFFECTS EXPECTED. HOWEVER, LARGE AMOUNTS MAY CAUSE NAUSEA AND VOMITING.
- EYE: MAY BE AN EYE IRRITANT AND CAUSE DISCOMFORT
- SKIN: NONE
- INHALED: INHALATION OF MISTS OR AEROSOLS MAY PRODUCE RESPIRATORY IRRITATION

HEALTH EFFECTS - CHRONIC

- SWALLOWED: NOT APPLICABLE. SEE ACUTE EFFECTS
- EYE: REPEATED CONTACT WITH EYES MAY RESULT IN PERMANENT DAMAGE.
- SKIN: PROLONGED OR REPEATED CONTACT WITH SKIN OVER A LONG PERIOD OF TIME MAY CAUSE DERMATITIS.
- INHALED: AMMONIA CONTENT OF THIS PRODUCT MAY CAUSE PERMANENT DAMAGE TO RESPIRATORY SYSTEM IF CONCENTRATED VAPOURS ARE INHALED OVER A LONG PERIOD OF TIME.

FIRST AID

- SWALLOWED: THOROUGHLY RINSE MOUTH WITH WATER. GIVE WATER TO DRINK AND INDUCE VOMITING WITH IPECAC SYRUP. SEEK MEDICAL ASSISTANCE.
- EYE: IRRIGATE WITH COPIOUS QUANTITIES OF CLEAN FRESH WATER FOR 15 MINUTES. SEEK MEDICAL ADVICE TO ASCERTAIN ANY DAMAGE.
- SKIN: REMOVE PAINT AFFECTED CLOTHING AND WASH BEFORE RE-USE. WASH AFFECTED SKIN WITH SOAP AND WATER.
- INHALED: REMOVE FROM EXPOSURE. REMOVE ANY PAINT-AFFECTED CLOTHING. KEEP COMFORTABLE AND WARM.
- ADVICE TO MEDICAL PERSONNEL: TREAT SYMPTOMATICALLY
POISONS INFORMATION CENTRES IN EACH STATE CAPITAL
PROVIDE ADVICE FOR SCHEDULED POISONS. POISONS CONTROL
PHONE 13 11 26

TOXICITY: NO LD50 DATA IS AVAILABLE FOR THIS PRODUCT. THE CONCENTRATIONS OF POTENTIALLY HAZARDOUS INGREDIENTS ARE EXTREMELY LOW AND ARE NOT CONSIDERED A SIGNIFICANT HEALTH HAZARD UNDER CONDITIONS OF GOOD OCCUPATIONAL WORK PRACTICE.

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PRECAUTIONS FOR USE

EXPOSURE STANDARDS FOR VARIOUS INGREDIENTS

CHEMICAL NAME:	CAS NUMBER	MASS PERCENT	TYPE	VALUE
AMMONIA	7664-41-7	LESS THAN 0.05%	TWA	25 ppm

TWA STANDS FOR TIME-WEIGHTED-AVERAGE. THIS MEASURE REPRESENTS THE AVERAGE CONCENTRATION OF THAT CHEMICAL ENTITY TO WHICH NEARLY ALL WORKERS CAN BE EXPOSED FOR A NORMAL 8-HOUR WORKING DAY AND 40-HOUR WORKING WEEK, DAY AFTER DAY, WITHOUT ADVERSE EFFECT.

ALTHOUGH IT IS UNLIKELY THAT AIRBORNE CONCENTRATION OF THE TRACE COMPONENTS WOULD APPROACH THE WORKSAFE LIMITS UNDER NORMAL HANDLING AND USE OF THE PRODUCT, ATMOSPHERIC MONITORING MAY BE REQUIRED, ESPECIALLY WHERE LARGE QUANTITIES ARE TO BE HANDLED, OR WHEN THE PRODUCT IS SPRAYED OR FORCE-DRIED, OR WHERE THIS PRODUCT IS USED IN CONJUNCTION WITH OTHER PRODUCTS WHICH MAY HAVE IDENTICAL, OR SIMILAR VAPOURS.

ENGINEERING CONTROLS

ALTHOUGH THIS PRODUCT IS NOT CLASSIFIED AS HAZARDOUS, PROPER VENTILATION SHOULD BE MAINTAINED WHEREVER SPRAYING OF COATINGS IS BEING PERFORMED. LOCAL EXHAUST VENTILATION SHOULD PRODUCE A FACE VELOCITY FOR WORKERS OF 20 CUBIC METRES PER MINUTE

PERSONAL PROTECTION

AVOID CONTACT WITH EYES. AVOID REPEATED OR PROLONGED SKIN CONTACT.

IF THIS PRODUCT IS SPRAYED, PROPER RESPIRATORY PROTECTION MUST BE USED TO PREVENT INHALATION OF AEROSOLS.

DO NOT APPLY THIS PRODUCT IF YOU HAVE BECOME SENSITIZED TO THE CHEMICAL ENTITIES LISTED IN THIS PUBLICATION.

PERSONS WITH ASTHMA, BRONCHITIS, OR OTHER LUNG COMPLAINTS SHOULD TAKE SPECIFIC PRECAUTIONS WHEN SPRAYING THIS OR ANY COATING.

IT IS RECOMMENDED THAT USERS OF THIS PRODUCT AND ANY COATINGS BECOME CONVERSANT WITH AUSTRALIAN STANDARDS FOR PERSONAL PROTECTIVE EQUIPMENT: (AS 1336, 1337, 1715, 1716, 2161, 2919, AND 3765)

WHILE USING THIS PRODUCT, WASH HANDS THOROUGHLY BEFORE EATING, SMOKING, OR USING TOILET FACILITIES. SPILLS ON DROPCLOTHS, CLOTHING, ET CETERA SHOULD BE ALLOWED TO DRY FULLY BEFORE STORAGE IN AN ENCLOSED UNVENTILATED AREA OR BEFORE DISPOSAL WITH HOUSEHOLD RUBBISH.

FLAMMABILITY

THIS PRODUCT IS NOT FLAMMABLE.
THIS PRODUCT MAY RELEASE TOXIC AND CORROSIVE VAPOURS IF DRIED FILM IS BURNED IN A HOT FIRE.

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PRECAUTIONS FOR USE, CONTINUED

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RISK PHRASES

THIS PRODUCT IS NON-HAZARDOUS, BUT COPIOUS AMOUNTS OF THE PRODUCT MAY BE IRRITATING TO EYES OR SKIN OVER LONG PERIODS OF TIME.

SAFE HANDLING

STORAGE/TRANSPORT

THIS PRODUCT IS NOT CLASSIFIED AS A DANGEROUS GOOD FOR TRANSPORT OR STORAGE, STILL, CARE SHOULD BE TAKEN IN TRANSPORT TO AVOID SPILLS.

SPILLS AND DISPOSAL

CONTAIN THE SPILL WITH SAND, EARTH, OR OTHER ABSORBENT MATERIAL. DO NOT ALLOW THIS PRODUCT TO ENTER THE WATERWAYS.

FIRE/EXPLOSION HAZARDS

THIS PRODUCT IS NOT A FIRE/EXPLOSION HAZARD UNDER NORMAL ATMOSPHERIC CONDITIONS.

ENVIRONMENTAL

SOME COMPONENTS OF THIS PRODUCT ARE CONSIDERED A HAZARD TO AQUATIC LIFE. DO NOT ALLOW THIS PRODUCT TO ENTER WATERWAYS. FULLY CURED AND DRIED PRODUCT IS NOT BIOLOGICALLY AVAILABLE. MACLEOD INDUSTRIES AUSTRALIA WILL ACCEPT PACKAGING FOR ANY OF ITS PRODUCTS FOR SAFE DISPOSAL. IF THIS IS NOT PRACTICABLE, PLEASE CONTACT YOUR COUNCIL OR AN INDUSTRIAL WASTE DISPOSAL COMPANY FOR APPROPRIATE INFORMATION. WET PAINT CANNOT BE DISPOSED OF WITH NORMAL HOUSEHOLD WASTE.

AUTHOR'S STATEMENT

THIS MSDS IS OFFERED IN GOOD FAITH, AND REPRESENTS THE BEST KNOWLEDGE AVAILABLE TO THE AUTHOR AS TO THE APPROPRIATE HEALTH AND SAFETY ISSUES PERTAINING TO THIS PRODUCT. THE USER SHOULD READ THIS MSDS AND THE MSDS FOR PART B TO BE USED WITH THIS PRODUCT AND RELATE IT TO HOW HE/SHE WILL BE USING THE PRODUCT. SOME RISK OR SAFETY PHRASES HAVE BEEN USED WHERE THEY MAY NOT HAVE BEEN MANDATED BY REGULATION, BUT WHERE THE AUTHOR BELIEVES THAT PROVIDING THOSE RISK OR SAFETY PHRASES IS IN THE INTEREST OF THE USER.

AUTHOR: MIKE FINKE