



MATERIALS SAFETY DATA SHEET

Silicone Sealant Prosil 60

Version 2

Last update 01-05-06

Company Details

Company Name	Admil Adhesives Pty Ltd (ACN 092 730 562)
Address	5 Alimar Road, Glen Waverley, VIC 3150.
Telephone	(03) 9561-9515,
Emergency Telephone	a.h. 0411 568 915 (Adrian Brocken)
Fax Number	(03) 9561-9415

Identification

Product Name	Silicone Sealant Prosil 60
Manufacturer's Product Code	Prosil 60

SECTION 2. COMPOSITION

SINGLE OR MIXTURE:	Mixture
CHEMICAL IDENTIFICATION:	Organopolysiloxane mixture

HAZARDOUS COMPONENT(S)/(CAS No.):	No hazardous materials present
-----------------------------------	--------------------------------

(See Section 8 of this MSDS for Exposure Guideline)

Not Classified as Hazardous to the Criteria of Worksafe Australia

UN Number	Not Applicable
Dangerous Goods Class	Not Applicable
- Subsidiary Risk	Not Applicable
Hazchem Code	Not Applicable
Poisons Schedule	Not Applicable
Emergency Guide	Not Applicable
Packaging Group	Not Applicable
Pack Size & Container Type	300ml plastic cartridges

Use

Major Recommended Uses	Prosil 60 is used as an adhesive sealant.
Recommended Application Method	Prosil 60 is applied with a standard caulking gun

SECTION 3. HAZARDS IDENTIFICATION

HAZARDS CLASSIFICATION:
None (based on IMO)
None (based on DOT)

FIRE AND EXPLOSION:
Not considered flammable nor combustible, but will burn if involved in a fire.

POTENTIAL HEALTH EFFECTS:

MATERIALS SAFETY DATA SHEET

Silicone Sealant Prosil 60

INHALATION ;	Vapor overexposure may cause drowsiness, injure blood and liver, and may irritate eyes, nose and throat.
SKIN Contact ;	On direct contact uncured product or its vapor may cause slight irritation to skin.
EYE Contact ;	On direct contact uncured product or its vapor may cause slight irritation to eyes.
INGESTION ;	No information is available.

SECTION 4. FIRST AID MEASURES

INHALATION ;	Remove to fresh air.
SKIN contact ;	Immediately remove product from skin with dry cloth or towel, and wash exposed area with detergent.
EYES contact ;	Immediately flush with plenty of water for at least 15 minutes and promptly call a physician.
INGESTION ;	Wash out mouth with water provided person is conscious. Never give anything by mouth to an unconscious person. Call a physician immediately.

SECTION 5. FIRE FIGHTING MEASURES

FLASH POINT(method used):	Not applicable (Solid)
FLAMMABLE LIMITS:	
LOWER:	Not determined
UPPER:	Not determined
EXTINGUISHING MEDIA:	Foam, dry chemical, carbon dioxide or fine water spray
SPECIAL FIRE FIGHTING PROCEDURE:	None
UNUSUAL FIRE AND EXPLOSION HAZARD:	None

SECTION 6. ACCIDENTAL RELEASE MEASURES

STEP TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:
Shut off all ignition sources.
Contain the spill or leak.
Scrape up with rag or other material and place in container.

SECTION 7. HANDLING AND STORAGE

PRECAUTION TO BE TAKEN IN HANDLING AND STORING:
Keep container closed when not in use.

Store in a cool place.

MATERIALS SAFETY DATA SHEET

Silicone Sealant Prosil 60

Keep away from heat, sparks and flame.
Do not lay the container on its side.
Use only with adequate ventilation.
Avoid prolonged breathing vapor.
Avoid contact with eyes and skin.
Contact lens wearers take appropriate precaution.

Keep out of reach of children.

Information about the emptied container:

Do not re-use this container.
Keep away from heat, sparks and flame.
Do not puncture or cut this container, and do not weld on or near this container.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE GUIDELINES:

Vendor guide ;	3ppm(TWA), 10ppm(STEL),
AIHA WEEL* ;	10ppm(TWA)
[Methylethylketoxime ;	decomposed product]

(*AIHA WEEL = American Industrial Hygiene Association Workplace Environmental Exposure Level)

RESPIRATORY PROTECTION(specify type): Use air-supplied breathing apparatus unless local exhaust ventilation is adequate or decomposed product is within AIHA guideline.

VENTILATION:

LOCAL EXHAUST:	Required
MECHANICAL(general):	Adequate ventilation system
SPECIAL:	Unknown
OTHER:	Pay attention to ventilation such as local exhaust, mechanical and/or door open for at least 24 hours after application.
PROTECTIVE GLOVES:	Plastic film or rubber gloves

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Eyewash equipment

WORK/HYGIENIC PRACTICES:

Keep away from heat, sparks and flame.
Avoid prolonged breathing vapor.
Avoid contact with eyes and skin.
Wash hands after handling.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT:	Not applicable
VAPOR PRESSURE:	Negligible (25 degrees C)
VAPOR DENSITY(air=1):	>1
SPECIFIC GRAVITY:	1.05 (25 degrees C)
MELTING POINT:	Not applicable
EVAPORATION RATE:	<1 (Butyl Acetate=1)

MATERIALS SAFETY DATA SHEET

Silicone Sealant Prosil 60

SOLUBILITY IN WATER: Not soluble
APPEARANCE(color): Milky-white translucent, or coloured.
APPEARANCE(form): Paste
ODOR: Oxime odor

SECTION 10. STABILITY AND REACTIVITY

STABILITY: Stable
CONDITION TO AVOID: Exposure to air or moisture until ready to use – Causes curing and methylethylketoxime vapors form gradually.
INCOMPATIBILITY(material to avoid): Water or moisture

HAZARDOUS DECOMPOSITION OR BY-PRODUCT:

Water, moisture, or humid air can cause methylethylketoxime Thermal breakdown of this product during fire or very high heat condition may evolve the following hazardous decomposition product:

Carbon oxides and traces of incompletely burned carbon compounds. Silicon dioxide. Nitrogen oxides. Formaldehyde.

HAZARDOUS POLYMERIZATION: Will not occur
CONDITION TO AVOID: None

SECTION 11. TOXICOLOGICAL INFORMATION

SKIN IRRITATION: No information is available.
See OTHER INFORMATION.
EYE IRRITATION: No information is available.
See OTHER INFORMATION.
SENSITIZATION: No information is available.
See OTHER INFORMATION.
ACUTE TOXICITY(LD50): No information is available.
See OTHER INFORMATION.
ACUTE TOXICITY(LC50): No information is available.
See OTHER INFORMATION.
SUBACUTE TOXICITY: No information is available.
See OTHER INFORMATION.
CHRONIC TOXICITY: No information is available.
See OTHER INFORMATION.

CARCINOGENICITY: NTP:Not listed, IARC:Not listed, OSHA REGULATED:Not listed
See OTHER INFORMATION.

MUTAGENICITY: No information is available.
See OTHER INFORMATION.
OTHER INFORMATION:

Additional Information

Methyl Ethyl Ketoxime (MEKO)---Decomposition product Material will generate MEKO on exposure to humid air gradually. Male rodents exposed to MEKO vapor at high concentration throughout their lifetime developed liver cancer. But relevance to humans is uncertain now.

MATERIALS SAFETY DATA SHEET

Silicone Sealant Prosil 60

Please read the detail information to MEKO below.

Skin Irritation ;	Causes mild irritation. Can be absorbed through the skin.
Eyes Irritation ;	Causes severe irritation.
Acute Oral Tox. ;	LD50(rat)= 4ml/kg.
Acute Inhalation Tox.;	LC50(rat)= >4.8mg/l/4Hr
Inhalation Tox. ;	Shows narcotic action at high concentrations.
May produce blood effects.	
Skin Sensitization ;	Positive(guinea pig)
Neurotoxicity ;	High dose can produce transient and reversible change in neurobehavioral function. No evidence of cumulative neurotoxicity was detected.
Carcinogenicity ;	Liver carcinomas were observed in a lifetime inhalation study (ca.2 years) in which mice and rats were exposed. These carcinomas were statistically increased in males at MEKO concentration of 375ppm. Relevance to humans is uncertain now.
Mutagenicity ;	Not considered mutagenic based on several in vitro and vivo studies. Other Chronic Study ;Degenerative effects on the olfactory epithelium of nasal passages occurred in a concentration related manner in males and females of mice and rats at MEKO concentration of 15, 75 and 375ppm.

Workplace Environmental Exposure Level ;Vendor guide ; 3ppm(TWA), 10ppm(STEL),
AIHA WEEL ; 10ppm(TWA)

SECTION 12. ECOLOGICAL INFORMATION

BIODEGRADATION:	Not applicable
BIOACCUMULATION:	No information is available.
AQUATIC TOXICITY:	No information is available.
OTHER INFORMATION:	None

SECTION 13. DISPOSAL CONSIDERATIONS

Can be land-filled for cured product or burned in a chemical incinerator equipped with an afterburner and scrubber. Do not dispose the emptied container unlawfully.
Observe all federal, state, and local laws.

SECTION 14. TRANSPORT INFORMATION

UN No.:	None
IMO CLASSIFICATION AND CLASS:	None
PACKAGING GROUP:	None
PROPER SHIPPING NAME:	None
TECHNICAL SHIPPING NAME:	None

MATERIALS SAFETY DATA SHEET

Silicone Sealant Prosil 60

MARINE POLLUTANT: None
DOT REPORTABLE QUANTITY(49CFR 172.101, APP.) :
HAZARD SUBSTANCE(S) NAME / (CAS No.), CONTENTS AND RQ Not applicable

SECTION 15. REGULATORY INFORMATION

TOXIC SUBSTANCES CONTROL ACT(TSCA) STATUS: Listed on the TSCA Inventory.

EUROPEAN INVENTORY OF EXISTING COMMERCIAL CHEMICAL SUBSTANCES
(EINECS) STATUS: Listed on the EINECS.

LABELING ACCORDING TO EC-REGULATIONS REQUIRED:

SYMBOL : Not required
R-PHRASE : Not required
S-PHRASE : Not required
CONTAINS : None

SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986(SARA)

TITLE III SECTION 313 SUPPLIER NOTIFICATION:

This regulation requires submission of annual reports of toxic chemical(s) that appear in section 313 of the emergency planning and community Right-To-Know Act of 1986 and 40 CFR 372.

This information must be included in all MSDS's that are copied and distributed for the material.

The toxic chemical(s) contained in this product are:

CHEMICAL NAME/(CAS No.) AND CONTENTS ** None **

Notice

The details contained herein are based on our present state of knowledge and experience and are to characterize our product with regard to any possible safety requirement. We do however pass them on without any warranty or property assurances.

The data and advice given apply only when the product is used for the stated application or applications. The product is not sold as suitable for any other application. Use of the product for applications other than as stated in this sheet may give rise to risks not mentioned in this sheet. You should not use the product other than for the stated application or applications without seeking advice from us.

If you have purchased the product for supply to a third party for use at work, it is your duty to take all necessary steps to secure that any person handling or using the products is provided with the information in this sheet.

If you are an employer, it is your duty to tell your employees and others who may be affected of any hazards described in this sheet and of any precautions which should be taken.