



XIAMETER(R) Material Safety Data Sheet

Page: 1 of 8

Version: 1.0

Revision Date: 2007/11/14

DAP(R)SILICONE PLUS PREMIUM SILICONE RUBBER SEALANT KITCHEN & BATH WHITE

1. IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY

MSDS No.: 04080678

SUPPLIER:

Dow Corning Corporation
South Saginaw Road
Midland, Michigan 48686

Prepared by Product Safety: (989) 496-6000
24 Hour Emergency Telephone: (989) 496-5900
NEWALTA: (800) 567-7455
Revision Date: 2007/11/14

MANUFACTURER:

Dow Corning Corporation
South Saginaw Road
Midland, Michigan 48686

24 Hour Emergency Telephone: (989) 496-5900

WHMIS CLASSIFICATION: Class D, Division 2, Subdivision A.
Class D, Division 2, Subdivision B.

Material Usage: Sealant

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Generic Description: Silicone Sealant
Physical Form: Paste
Colour: See product name
Odour: Very little

Ethyl methyl ketoxime is formed upon contact with water or humid air. Provide adequate ventilation to control exposures within the following exposure guidelines: Vendor guide TWA: 3 ppm, STEL: 10 ppm; AIHA WEEL TWA: 10 ppm.

+++++

POTENTIAL HEALTH EFFECTS

Acute Effects

Eye: Direct contact may cause mild irritation.

Skin: May cause moderate irritation.

Inhalation: Irritates respiratory passages very slightly. Vapor overexposure may cause drowsiness.

Oral: Low ingestion hazard in normal use.

Prolonged/Repeated Exposure Effects



XIAMETER(R) Material Safety Data Sheet

Page: 2 of 8

Version: 1.0

Revision Date: 2007/11/14

DAP(R)SILICONE PLUS PREMIUM SILICONE RUBBER SEALANT KITCHEN & BATH WHITE

Skin: Overexposure may injure internally if absorbed. Repeated skin contact may cause allergic skin reaction.

Inhalation: Overexposure by inhalation may injure the following organ(s):

Oral: Repeated ingestion or swallowing large amounts may injure internally.

Signs and Symptoms of Overexposure

No known applicable information.

Medical Conditions Aggravated by Exposure

No known applicable information.

The above listed potential effects of overexposure are based on actual data, results of studies performed upon similar compositions, component data and/or expert review of the product. Please refer to Section 11 for the detailed toxicology information.

3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>CAS Number</u>	<u>Wt %</u>	<u>Component Name</u>
7631-86-9	3.0 - 7.0	Silica, amorphous
147-14-8	3.0 - 7.0	Tetrabenzo-5,10,15,20-diazaporphyrinephthalocyanine (Pigment blue 15)
22984-54-9	1.0 - 5.0	Methyl tri(ethylmethylketoxime) silane
1333-86-4	1.0 - 5.0	Carbon black
96-29-7	1.0 - 5.0	Methylethylketoxime
14808-60-7	0.1 - 1.0	Quartz

The ingredients listed above are controlled products as defined in CPR, am. SOR/88-555.

4. FIRST AID MEASURES

Eye: Immediately flush with water for 15 minutes.

Skin: Remove from skin and immediately flush with water for 15 minutes. Get medical attention if irritation or ill effects develop or persist.

Inhalation: Remove to fresh air. Get medical attention if ill effects persist.

Oral: Get medical attention.

Notes to Physician: Treat according to person's condition and specifics of exposure.



XIAMETER(R) Material Safety Data Sheet

Page: 3 of 8

Version: 1.0

Revision Date: 2007/11/14

DAP(R)SILICONE PLUS PREMIUM SILICONE RUBBER SEALANT KITCHEN & BATH WHITE

5. FIRE FIGHTING MEASURES

Flash Point:	Not applicable.
Autoignition Temperature:	Not available.
Flammability Limits in Air:	Not available.
Extinguishing Media:	On large fires use dry chemical, foam or water spray. On small fires use carbon dioxide (CO2), dry chemical or water spray. Water can be used to cool fire exposed containers.
Fire Fighting Measures:	Self-contained breathing apparatus and protective clothing should be worn in fighting large fires involving chemicals. Determine the need to evacuate or isolate the area according to your local emergency plan. Use water spray to keep fire exposed containers cool.
Unusual Fire Hazards:	None.

6. ACCIDENTAL RELEASE MEASURES

Containment/Clean up:	Observe all personal protection equipment recommendations described in Sections 5 and 8. Wipe up or scrape up and contain for salvage or disposal. Clean area as appropriate since spilled materials, even in small quantities, may present a slip hazard. Final cleaning may require use of steam, solvents or detergents. Dispose of saturated absorbant or cleaning materials appropriately, since spontaneous heating may occur. Local, provincial, federal laws and regulations may apply to releases and disposal of this material, as well as those materials and items employed in the cleanup of releases.
-----------------------	---

Note: See section 8 for Personal Protective Equipment for Spills. Call (989) 496-5900, if additional information is required.

7. HANDLING AND STORAGE

Use with adequate ventilation. Product evolves methyl ethyl ketoxime (MEKO) when exposed to water or humid air. Provide ventilation during use to control methyl ethyl ketoxime (MEKO) within exposure guidelines or use respiratory protection. Avoid eye contact. Avoid skin contact. Avoid breathing vapor, mist, dust, or fumes. Keep container closed. Do not take internally.

Use reasonable care and store away from oxidizing materials. Keep container closed and store away from water or moisture.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Component Exposure Limits

Consult local authorities for acceptable provincial values.

<u>CAS Number</u>	<u>Component Name</u>	<u>Exposure Limits</u>
-------------------	-----------------------	------------------------



XIAMETER(R) Material Safety Data Sheet

Page: 4 of 8

Version: 1.0

Revision Date: 2007/11/14

DAP(R)SILICONE PLUS PREMIUM SILICONE RUBBER SEALANT KITCHEN & BATH WHITE

22984-54-9 Methyl tri(ethylmethyletoxime) silane

See ethyl methyl ketoxime comments.
LC50: > 50 mg/L - Inhalation Rat ; 4 Hrs
LD50: > 1,000 mg/kg - Oral Rat

96-29-7 Methylethylketoxime

Vendor guide: TWA 3 ppm, STEL 10 ppm. AIHA WEEL:
TWA 10 ppm.
LD50: 930 mg/kg - Oral Rat

Ethyl methyl ketoxime is formed upon contact with water or humid air. Provide adequate ventilation to control exposures within the following exposure guidelines: Vendor guide TWA: 3 ppm, STEL: 10 ppm; AIHA WEEL TWA: 10 ppm.

Engineering Controls

Local Ventilation: Recommended.
General Ventilation: Recommended.

Personal Protective Equipment for Routine Handling

Eyes: Use proper protection - safety glasses as a minimum.

Skin: Wash at mealtime and end of shift. If skin contact occurs, change contaminated clothing as soon as possible and thoroughly flush affected areas with cool water. Chemical protective gloves are recommended.

Suitable Gloves: Avoid skin contact by implementing good industrial hygiene practices and procedures. Select and use gloves and/or protective clothing to further minimize the potential for skin contact. Consult with your glove and/or personnel protective equipment manufacturer for selection of appropriate compatible materials.

Inhalation: Use respiratory protection unless adequate local exhaust ventilation is provided or exposure assessment demonstrates that exposures are within recommended exposure guidelines. IH personnel can assist in judging the adequacy of existing engineering controls.

Suitable Respirator: General and local exhaust ventilation is recommended to maintain vapor exposures below recommended limits. Where concentrations are above recommended limits as determined by air sampling or are unknown, appropriate respiratory protection should be worn. Follow CSA Standard Z94.4-93 and use NIOSH/MHSA approved respirators.

Personal Protective Equipment for Spills

Eyes: Use full face respirator.

Skin: Wash at mealtime and end of shift. If skin contact occurs, change contaminated clothing as soon as possible and thoroughly flush affected areas with cool water. Chemical protective gloves are recommended.



XIAMETER(R) Material Safety Data Sheet

Page: 5 of 8

Version: 1.0

Revision Date: 2007/11/14

DAP(R)SILICONE PLUS PREMIUM SILICONE RUBBER SEALANT KITCHEN & BATH WHITE

Inhalation/Suitable Respirator: Respiratory protection recommended. Follow CSA Standard Z94.4-93 and use NIOSH/MHSA approved respirators. Protection provided by air purifying respirators against exposure to any hazardous chemical is limited. Use a positive pressure air supplied respirator if there is any potential for uncontrolled release, exposure levels are unknown, or any other circumstance where air purifying respirators may not provide adequate protection.

Precautionary Measures: Avoid eye contact. Avoid skin contact. Avoid breathing vapor, mist, dust, or fumes. Keep container closed. Do not take internally. Use reasonable care.

Comments: Product evolves methyl ethyl ketoxime (MEKO) when exposed to water or humid air. Provide ventilation during use to control methyl ethyl ketoxime (MEKO) within exposure guidelines or use respiratory protection.

Note: These precautions are for room temperature handling. Use at elevated temperature or aerosol/spray applications may require added precautions.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical Form: Paste
Color: See product name
Odor: Very little
Odor Threshold: Not available.
Specific Gravity @ 25°C: 1.32
Viscosity: Not available.
Freezing/Melting Point: Not available.
Boiling Point: Not available.
Vapor Pressure @ 25°C: Not available.
Vapor Density: Not available.
Evaporation Rate:
Solubility in Water: Not available.
Coefficient of Water/Oil: Not available.
Distribution:
pH: Not available.
Volatile Content: Not available.

Flash Point: Not applicable.
Autoignition Temperature: Not available.
Flammability Limits in Air: Not available.

Note: The above information is not intended for use in preparing product specifications.

10. STABILITY AND REACTIVITY

Chemical Stability: Stable.

Hazardous Polymerization: Hazardous polymerization will not occur.

Conditions to Avoid: None.



XIAMETER(R) Material Safety Data Sheet

Page: 6 of 8

Version: 1.0

Revision Date: 2007/11/14

DAP(R)SILICONE PLUS PREMIUM SILICONE RUBBER SEALANT KITCHEN & BATH WHITE

Materials to Avoid: Oxidizing material can cause a reaction. Water, moisture, or humid air can cause hazardous vapors to form as described in Section 8.

Hazardous Decomposition Products

Thermal breakdown of this product during fire or very high heat conditions may evolve the following decomposition products: Carbon oxides and traces of incompletely burned carbon compounds. Metal oxides. Formaldehyde. Silicon dioxide. Nitrogen oxides. Quartz. Sulfur oxides.

11. TOXICOLOGICAL INFORMATION

Component Toxicology Information

Prolonged overexposure to quartz or crystalline silica dust causes fibrotic lung disease (silicosis) and potentially lung cancer.

Methyl Ethyl Ketoxime (MEKO) is formed upon contact with water or humid air. Male rodents exposed to MEKO vapor throughout their lifetime developed liver cancer. Additional testing is planned by the MEKO supplier to determine any relevance to humans. Until more data is known, exposure levels should be maintained as low as achievable.

Contains Methyl Ethyl Ketoxime (MEKO). Male rodents exposed to MEKO vapor throughout their lifetime developed liver cancer. Additional testing is planned by the MEKO supplier to determine any relevance to humans. Until more data is known, exposure levels should be maintained as low as achievable.

Special Hazard Information on Components

Carcinogens

<u>CAS Number</u>	<u>Wt %</u>	<u>Component Name</u>	
1333-86-4	1.0 - 5.0	Carbon black	IARC Group 2B - Possibly Carcinogenic to Humans.
14808-60-7	0.1 - 1.0	Quartz	IARC Group 1 - Carcinogenic to Humans. NTP - Known to be a Human Carcinogen. ACGIH A2 - Suspected Human Carcinogen.

Sensitizers

<u>CAS Number</u>	<u>Wt %</u>	<u>Component Name</u>	
22984-54-9	1.0 - 5.0	Methyl tri(ethylmethylketoxime) silane	Possible skin sensitizer.
96-29-7	1.0 - 5.0	Methylethylketoxime	Possible skin sensitizer.



XIAMETER(R) Material Safety Data Sheet

Page: 7 of 8

Version: 1.0

Revision Date: 2007/11/14

DAP(R)SILICONE PLUS PREMIUM SILICONE RUBBER SEALANT KITCHEN & BATH WHITE

12. ECOLOGICAL INFORMATION

Environmental Fate and Distribution

Complete information is not yet available.

Environmental Effects

Complete information is not yet available.

Fate and Effects in Waste Water Treatment Plants

Complete information is not yet available.

Ecotoxicity Classification Criteria

Hazard Parameters (LC50 or EC50)	High	Medium	Low
Acute Aquatic Toxicity (mg/L)	<=1	>1 and <=100	>100
Acute Terrestrial Toxicity	<=100	>100 and <= 2000	>2000

This table is adapted from "Environmental Toxicology and Risk Assessment", ASTM STP 1179, p.34, 1993.

This table can be used to classify the ecotoxicity of this product when ecotoxicity data is listed above. Please read the other information presented in the section concerning the overall ecological safety of this material.

13. DISPOSAL CONSIDERATIONS

Can be incinerated in accordance with local regulations.

Call local hazardous waste disposal company or provincial waste authorities for more information.

14. TRANSPORT INFORMATION

Canada Road (Based on IMDG Regulations)

Not subject to local road regulations.

Ocean Shipment (IMDG)

Not subject to IMDG code.

Air Shipment (IATA)

Not subject to IATA regulations.

Call Dow Corning Transportation, (989) 496-8577, if additional information is required.



XIAMETER(R) Material Safety Data Sheet

Page: 8 of 8

Version: 1.0

Revision Date: 2007/11/14

DAP(R)SILICONE PLUS PREMIUM SILICONE RUBBER SEALANT KITCHEN & BATH WHITE

15. REGULATORY INFORMATION

This product has been classified in accordance with the hazard criteria of the CPR, and the MSDS contains all the information required by the CPR.

WHMIS Class D, Division 2, Subdivision A.

CLASSIFICATION: Class D, Division 2, Subdivision B.

DSL STATUS: All chemical substances in this material are included on or exempted from the DSL.

16. OTHER INFORMATION

Prepared by: Dow Corning Corporation

These data are offered in good faith as typical values and not as product specifications. No warranty, either expressed or implied, is hereby made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.

XIAMETER(R) is a trademark of Dow Corning Corporation

<http://www.xiameter.com>