

MATERIAL SAFETY DATA SHEET

MSDS Name: G720 Simple Saver Air-Tight Sealant™
MSDS Number: 16711-001
Version Number: 1
MSDS Date: 10/21/09
Page Number: 1

Section 1 - Product and Company Information

Product Name: G720 Simple Saver Air-Tight Sealant™
HMIS Hazard Rating: Health: 1 Fire: 0 Reactivity: 0 PPE: B

Company Identification: Thermal Design, Inc
601 N. Main St.
Madison, NE 68748

Information phone/fax: (402) 454-6591 / (402) 454-2708

Product Class: Caulk

Section 2 - Ingredient and Hazard Information

Hazardous Ingredient Name	CAS Number	Percent	TSCA
Titanium Dioxide**	13463-67-7	< 5.0	Y
Mineral Spirits	107-21-1	< 2.0	Y
Ingredient Notes:	64742-48-9	< 2.0	Y

Remaining ingredients are not considered OSHA hazardous.

**The main hazard for Titanium Dioxide is dust inhalation. Because of its incorporation into the caulk, exposure by inhalation is unlikely.

Section 3 - Physical and Chemical Properties

Form: High viscosity caulk
Appearance/Color: Various Colors
Solubility (in water): Yes
pH Value, +/- .3: 7.5

Boiling Range: 212° F (100° C)
Vapor Pressure (mmHg): 15.0 @ 68° F (20° C)
Evaporation Rate: 0.5 times Slower than n-Butyl Acetate

Vapor Density: Heavier than air

MATERIAL SAFETY DATA SHEET

MSDS Name: G720 Simple Saver Air-Tight Sealant™
MSDS Number: 16711-001
Version Number: 1
MSDS Date: 10/21/09
Page Number: 2

.....

% Volatile, Weight approx. 20.%
% Volatile, Volume approx. 30.%
Specific Gravity: 1.556
VOC (less H2O or exempt) 41 Gr/L (2%)

Note:
Odor: Mild acrylic odor. Freeze Point: 32° F

Section 4 - Fire Fighting Measures (Flash, UEL, LEL for solvent only)

Flammability Class: N/A
Flash Range: Not Available
Explosive Range (LEL/UEL): Not Applicable

Extinguishing Media:

Dry Chemical -- Carbon Dioxide -- Foam -- Water Fog
Will not burn in wet state.

Special Fire-Fighting Procedures:

Water may be used to cool and protect exposed containers.
Caution should be taken because uncured material is water soluble.

Unusual Fire and Explosion Hazards:

Any closed container may burst when exposed to extreme heat or fire.

Section 5 - Health Hazard Data

Routes of Entry:
Entry Through... Inhalation and skin most likely

Carcinogenicity...
NTP? N/E | IARC Monographs N/E | OSHA? NO

Effects of Overexposure

Inhalation: May irritate respiratory tract.
Skin/Eye Contact: May cause irritation.
Ingestion: Swallowing large amounts may cause nausea,
vomiting. (an unlikely route of entry)

MATERIAL SAFETY DATA SHEET

MSDS Name: G720 Simple Saver Air-Tight Sealant™
MSDS Number: 16711-001
Version Number: 1
MSDS Date: 10/21/09
Page Number: 3

.....

First Aid Measures

Inhalation: If affected by inhalation, remove to fresh air.
Eye Contact: Flush with water for at least 15 minutes, and get prompt medical attention.
Skin Contact: Wash skin thoroughly with soap and water.
Ingestion: Drink water and get medical attention.

Section 6 - Stability and Reactivity

Stability: This product is stable
Hazardous Polymerization: Hazardous polymerization will not occur

Incompatibility:

None

Conditions to Avoid:

None

Hazardous Decomposition Products:

May produce oxides of carbon and oxides of nitrogen when burned.

Section 7 - Accidental Release and Disposal Measures

Steps to be taken in case of spill:

Wear appropriate protective clothing. Add dry absorbent and shovel or sweep up. Place in appropriate container and seal.

Waste Disposal Method:

Dispose of in accordance with Federal, State, and Local regulations.

Section 8 - Exposure Controls/Personal Protection

Occupational Exposure Limits

	ACGIH TLV	ACGIH TLV-C	OSHA STEL	OSHA PEL
Titanium Dioxide **				
10.00 mg/F3		N/est	N/est	15.00 mg/F3
Ethylene Glycol				
50.00 PPM		N/est	N/est	50.00 PPM
Mineral Spirits				
100.00 PPM		N/est	N/est	100.00 PPM

MATERIAL SAFETY DATA SHEET

MSDS Name: G720 Simple Saver Air-Tight Sealant™
MSDS Number: 16711-001
Version Number: 1
MSDS Date: 10/21/09
Page Number: 4

.....

Respiratory Protection:

NIOSH respirators recommended if vapors and mists are generated.

Ventilation:

Local exhaust is recommended for safe practice.

Protective Clothing:

Protective clothing should be worn to prevent repeated skin contact.

Eye protection:

Splash proof goggles or safety glasses should be worn.

Handling and Storage Precautions:

Keep from freezing. Keep away from heat.

Keep containers closed when not in use.

Avoid prolonged or repeated contact with skin.

Keep out of reach of children.

Section 9 - Transport Information

DOT CLASSIFICATIONS FOR ONE GALLON AND UNDER CONTAINERS

DESCRIPTION: Non-hazardous

DOT CLASSIFICATIONS for OVER 1 GALLON size CONTAINERS

DESCRIPTION: Non-hazardous, Caulking product

Section 10 - Regulatory Information

SARA TITLE III SECTION 313:

This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right to Know Act of 1986 and of 40 CFR 372:

Ingredient Name	CAS Number	Percent
ETHYLENE GLYCOL	107-21-1	< 2.0

The Following ingredients are registered for the TSCA 12B

Ingredient Name	CAS Number	Percent
ETHYLENE GLYCOL	107-21-1	< 2.0

Ethylene Glycol fits the EPA Hazard Category definition of Immediate (Acute) and Delayed (Chronic) Health Hazards under SARA Sect.311,312.

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MATERIAL SAFETY DATA SHEET

MSDS Name: G720 Simple Saver Air-Tight Sealant™
MSDS Number: 16711-001
Version Number: 1
MSDS Date: 10/21/09
Page Number: 5

.....

All chemical substances are TSCA listed.
California PROP.65 Chemicals: none known

Disclaimer:

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