SAFETY DATA SHEET

Creation Date 13-Dec-2010 **Revision Date** 08-Oct-2015 **Version** 1

1. IDENTIFICATION

Product Name Canned Foam Sealant

Synonyms PROPINK ONE® All Purpose Foam Sealant, PROPINK SUB-ZERO® Foam Sealant, PINK® Foam Sealant

Product Code OCIS00032

Recommended Use Insulating foam sealant designed to fill cracks, crevices and smaller cavities on flat or irregular surfaces.

UN/ID no. UN1950

Manufacturer Address Owens Corning Insulating Systems, LLC
One Owens Corning Parkway
Toledo, Ohio 43659

Company Phone Number 1-800-GET-PINK or 1-800-438-7465
24 Hour Emergency Phone Number Chemtrec 1-800-424-9300
Emergency Telephone 1-419-248-5330 (after 5 pm ET and weekends)

E-mail address safetydatasheet@owenscorning.com
Company Website http://owenscorning.com/

2. HAZARDS IDENTIFICATION

OSHA Regulatory Status This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

Acute toxicity - Inhalation (Gases)		Category 4
Skin corrosion/irritation		Category 2
Serious eye damage/eye irritation		Category 2A
Respiratory sensitization		Category 1
Skin sensitization		Category 1
Specific target organ toxicity (single exposure)		Category 3
Specific target organ toxicity (repeated exposure)		Category 2
Physical hazards	Flammable aerosols	Category 1
Gases under pressure		Compressed gas

Label elements

Danger

Hazard statements
Harmful if inhaled
May cause allergy or asthma symptoms or breathing difficulties if inhaled
May cause an allergic skin reaction

May cause genetic defects
May cause cancer
May cause damage to organs through prolonged or repeated exposure
Extremely flammable aerosol
Contains gas under pressure; may explode if heated

Precautionary Statements - Prevention	Keep Out of Reach of Children Do not handle until all safety precautions have been read and understood Keep away from heat/sparks/open flames/hot surfaces. — No smoking Do not spray on an open flame or other ignition source Pressurized container: Do not pierce or burn, even after use Avoid breathing dust/fume/gas/mist/vapors/spray Do not get in eyes, on skin, or on clothing Wash face, hands and any exposed skin thoroughly after handling Use only outdoors or in a well-ventilated area Wear protective gloves/protective clothing/eye protection/face protection In case of inadequate ventilation wear respiratory protection
Precautionary Statements - Response	Get medical advice/attention if you feel unwell
Eyes	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing If eye irritation persists: Get medical advice/attention
Skin	IF ON SKIN: Wash with plenty of soap and water If skin irritation or rash occurs: Get medical advice/attention Wash contaminated clothing before reuse
Inhalation	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician
Precautionary Statements - Storage	Store in a well-ventilated place Store locked up Protect from sunlight Store at temperatures not exceeding 50 °C/ 50 °F
Precautionary Statements - Disposal	Dispose of contents/container to an approved waste disposal plant
Hazards not otherwise classified (HNOC)	• Not applicable
Unknown acute toxicity	• Not applicable

3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixture
Components

Chemical Name	CAS No.	Weight-%	Trade Secret
Urethane Pre-Polymer Blend (Non-Hazardous Polyol Blend)	999-99-9	60-100	*
4,4' Diphenylmethane diisocyanate	101-68-8	5-10	*

Polymethylene polyphenyl isocyanate (PMPI)	9016-87-9	5-10	*
Isobutane	75-28-5	3-7	*
Dimethyl ether	115-10-6	3-7	*
Propane	74-98-6	1-5	*

• *The exact percentage (concentration) of composition has been withheld as a trade secret

4. FIRST AID MEASURES

Description of First Aid Measures

Eye contact
• Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes
• If eye irritation persists: Get medical advice/attention

Skin contact
• Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes
• Foam will stick to skin, gently wipe product from skin with a damp cloth and wash with plenty of soap and water.
• Remove contaminated clothing and shoes
• Wash contaminated clothing before reuse
• If skin irritation persists, call a physician

Inhalation
• Remove to fresh air
• If breathing is difficult, give oxygen
• If not breathing, give artificial respiration
• Call a physician

Ingestion
• **DO NOT** induce vomiting
• Never give anything by mouth to an unconscious person
• Call a physician or poison control center immediately

Most important symptoms and effects, both acute and delayed
• Irritation of eyes and mucous membranes
• Skin irritation
• Irritation nose and thoat

Note to physicians
Symptoms may be delayed. For additional information, see Safety Data Sheet.

5. FIRE-FIGHTING MEASURES

Flammable properties
• HIGHLY FLAMMABLE: Will be easily ignited by heat, sparks or flames

Suitable extinguishing media
• Dry chemical
• Carbon dioxide (CO2)
• Foam
• Water spray (fog)

Unsuitable extinguishing media
• Do not use a solid water stream as it may scatter and spread fire

Specific hazards arising from the chemical
• Contains flammable propellant
• Closed containers may explode due to buildup of pressure when exposed to extreme heat.
• Aerosol cans exposed to fire or high temperature can rupture and rocket.
• Cured foam will burn in the presence of heat, oxygen and an ignition source.

Hazardous combustion products
• Carbon monoxide
• Carbon dioxide (CO2)
• Nitrogen oxides (NOx)
• Hydrogen fluoride
• Hydrogen cyanide

Explosion data

Sensitivity to Mechanical Impact • None
Sensitivity to Static Discharge • None

Protective equipment and precautions for firefighters

• Keep upwind of fire
• As in any fire, wear self-contained breathing apparatus (positive-pressure), MSHA/NIOSH (approved or equivalent) and full protective gear
• Cool containers with flooding quantities of water until well after fire is out
• Containers may explode if heated

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions

• Keep people away from and upwind of spill/leak
• Remove all sources of ignition
• Use personal protective equipment as required

Other Information Ventilate the area.

Environmental precautions

• Prevent further leakage or spillage if safe to do so
• Do not allow to enter sewers, drains or waterways

Methods and material for containment and cleaning up

Methods for containment

• Prevent further leakage or spillage if safe to do so
• Prevent from spreading by covering, diking or other means.

Methods for cleaning up

• Pick up and transfer to properly labeled containers
• Wipe or scrape up.
• Clean contaminated surface thoroughly with multi-purpose cleaner, mineral spirits, nail polish remover, paint thinner, etc.
• Once the product is cured it can only be removed mechanically by scraping, buffing, etc.

7. HANDLING AND STORAGE

Precautions for safe handling

• Avoid contact with skin, eyes or clothing
• Avoid breathing vapors
• Handle in well ventilated area
• Wear appropriate personal protective equipment in case of direct contact with the product.
• No smoking - keep away from sources of ignition

Conditions for safe storage, including any incompatibilities

Storage Conditions

• Keep out of the reach of children
• Keep in a dry, cool and well-ventilated place
• Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity)
• Keep from freezing
• Keep containers upright
• Keep in properly labeled containers

Incompatible materials • None known based on information supplied

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH REL

4,4' Diphenylmethane diisocyanate 101-68-8	TWA: 0.005 ppm	(vacated) Ceiling: 0.02 ppm regulated under Methylene bisphenyl isocyanate (vacated) Ceiling: 0.2 mg/m³ regulated under Methylene bisphenyl isocyanate Ceiling: 0.02 ppm Ceiling: 0.2 mg/m³	IDLH: 75 mg/m³ Ceiling: 0.020 ppm 10 min Ceiling: 0.2 mg/m³ 10 min TWA: 0.005 ppm TWA: 0.05 mg/m³
Isobutane 75-28-5	STEL: 1000 ppm	-	TWA: 800 ppm TWA: 1900 mg/m³
Propane 74-98-6	TWA: 1000 ppm	TWA: 1000 ppm TWA: 1800 mg/m³ (vacated) TWA: 1000 ppm (vacated) TWA: 1800 mg/m³	IDLH: 2100 ppm TWA: 1000 ppm TWA: 1800 mg/m³

NIOSH REL Immediately Dangerous to Life or Health

Other Information Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992).

Engineering Controls Provide local exhaust and/or general ventilation to maintain exposure below regulatory and recommended limits.
Eyewash stations
Showers

Individual protection measures, such as personal protective equipment

Eye/face protection • Wear safety glasses with side shields (or goggles)

Skin and body protection • Wear impervious protective clothing, including gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact

Respiratory protection • When workers are facing concentrations above the exposure limit they must use appropriate certified respirators in accordance with their company's respiratory protection program, local regulations or 29 CFR 1910.134.

General Hygiene Considerations
- Do not eat, drink or smoke when using this product
- Avoid contact with skin, eyes or clothing
- Wash face, hands and any exposed skin thoroughly after handling
- Wash work clothes when soiled.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state Gas
Pressurized Liquid
Semi-solid
Appearance Viscous liquid which forms foam upon release
Odor Slight hydrocarbon
Color off-white, Off-yellow
Boiling point / boiling range No information available
Flash point -69 °C / -92 °F Cleveland Open Cup
Vapor pressure @20 °C (kPa) Aerosol product >50 psig
Water solubility Insoluble in water
Autoignition temperature No information available
Explosive properties May be sensitive to mechanical impact or static discharge Vapor released during and immediately after dispensing may accumulate and ignite explosively if proper ventilation is not employed.
Specific Gravity 1.1

10. STABILITY AND REACTIVITY

Reactivity • No known reactivity

Chemical stability • Stable under recommended storage conditions

Possibility of Hazardous Reactions • Risk of explosion if heated under confinement

Conditions to avoid
- Heat, flames and sparks
- Incompatible materials
- Avoid temperatures below 40°F or temperatures above 100°F

Incompatible materials • None known based on information supplied

Hazardous Decomposition Products
- Carbon monoxide
- Carbon dioxide (CO2)
- Nitrogen oxides (NOx)
- Hydrogen fluoride
- Hydrogen cyanide

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information • Expected to have a low acute oral, inhalation or dermal toxicity

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
4,4' Diphenylmethane diisocyanate 101-68-8	= 31600 mg/kg (Rat) = 9200 mg/kg (Rat)	-	= 369 mg/m³ (Rat) 4 h
Dimethyl ether 115-10-6	-	-	= 308.5 mg/L (Rat) 4 h
Isobutane 75-28-5	-	-	= 658 mg/L (Rat) 4 h
Polymethylene polyphenyl isocyanate (PMPI) 9016-87-9	= 49 g/kg (Rat)	> 9400 mg/kg (Rabbit)	= 490 mg/m³ (Rat) 4 h
Propane 74-98-6	-	-	= 658 mg/L (Rat) 4 h

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation Irritating to skin.
Serious eye damage/eye irritation Risk of serious damage to eyes.

Sensitization May cause sensitization by inhalation and skin contact.
Germ cell mutagenicity No information available.
Carcinogenicity The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical Name	ACGIH	IARC	NTP	OSHA
4,4' Diphenylmethane diisocyanate 101-68-8	-	Group 3	-	-
Polymethylene polyphenyl isocyanate (PMPI) 9016-87-9	-	Group 3	-	-

IARC (International Agency for Research on Cancer)
Group 3 - Not classifiable as a human carcinogen

Reproductive toxicity No information available.
STOT - single exposure May cause respiratory irritation.
STOT - repeated exposure May cause damage to the lungs, central nervous system and skin.
Chronic toxicity Repeated contact may cause allergic reactions in very susceptible persons. Avoid repeated

exposure.

Target Organ Effects heart, Central nervous system, Eyes, Respiratory system.

Aspiration hazard No information available.

mg/kg mg/l

12. ECOLOGICAL INFORMATION

Ecotoxicity

• The aquatic toxicity of this product has not been experimentally determined. However, it is expected to have low acute aquatic toxicity based on the acute aquatic toxicity of the individual components and their concentration in this mixture.

Persistence and degradability

• Not readily biodegradable
• In aquatic and terrestrial environments, this material reacts with water

Bioaccumulation

• Bioaccumulation potential is low

Mobility

Expected to have a low mobility based on product's reactivity with water.

Chemical Name	Partition coefficient
Dimethyl ether 115-10-6	-0.18
Isobutane 75-28-5	2.88
Propane 74-98-6	2.3

Other adverse effects

• No information available

13. DISPOSAL CONSIDERATIONS

Disposal of wastes

• Disposal should be in accordance with applicable regional, national and local laws and regulations

Contaminated packaging

• Pressurized container: Do not pierce or burn, even after use
• Do not reuse container

14. TRANSPORT INFORMATION

DOT

UN/ID no. UN1950
Proper shipping name Aerosols
Hazard Class 2.2
Subsidiary class 8
Reportable Quantity (RQ) Acetone: RQ kg= 2389.47
Special Provisions A34
Description UN1950, Aerosols, 2.2 (8), RQ

TDG

UN/ID no. UN1950
Proper shipping name Aerosols
Hazard Class 2.2
Subsidiary class 5.1
Description UN1950, Aerosols, 2.2 (5.1)

MEX

UN/ID no. UN1950
Proper shipping name Aerosols

Hazard Class 2
Description UN1950, Aerosols, 2

ICAO (air)
UN/ID no. UN1950
Proper shipping name Aerosols
Hazard Class 2.1
Subsidiary hazard class 6.1
Special Provisions A145, A167
Description UN1950, Aerosols, 2.1 (6.1)

IATA
UN/ID no. UN1950
Proper shipping name Aerosols, flammable
Hazard Class 2.1
ERG Code 10L
Special Provisions A145, A167, A802
Description UN1950, Aerosols, flammable, 2.1

IMDG
UN/ID no. UN1950
Proper shipping name Aerosols
Hazard Class 2
EmS-No. F-D, S-U
Special Provisions 63,190, 277, 327, 344, 959
Description UN1950, Aerosols, 2

RID
UN/ID no. UN1950
Proper shipping name Aerosols
Hazard Class 2.2
Classification code 5A
Description UN1950, Aerosols, 2.2
Labels 2.2

ADR
UN/ID no. UN1950
Proper shipping name Aerosols
Hazard Class 2.2
Classification code 5A
Special Provisions 327, 625, 344, 190
Description UN1950, Aerosols, 2.2, (E)
Labels 2.2

ADN
Proper shipping name Aerosols
Hazard Class 2.1
Classification code 5F
Special Provisions 190, 327, 344, 625
Description UN1950, Aerosols, 2.1
Hazard label(s) 2.1
Limited quantity (LQ) 1 L
Ventilation VE01, VE04

15. REGULATORY INFORMATION

International Inventories

Chemical Name	TSCA	DSL	NDSL	EINECS	ELINCS	ENCS	IECSC	KECL	PICCS	AICS
4,4' Diphenylmethane diisocyanate 101-68-8	X	X		X		X	X	X	X	X
Polymethylene polyphenyl isocyanate	X	X				X	X	X	X	X

(PMPI) 9016-87-9										
Isobutane 75-28-5	X	X		X		X	X	X	X	X
Dimethyl ether 115-10-6	X	X		X		X	X	X	X	X
Propane 74-98-6	X	X		X		X	X	X	X	X

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
ENCS - Japan Existing and New Chemical Substances
IECSC - China Inventory of Existing Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances
PICCS - Philippines Inventory of Chemicals and Chemical Substances
AICS - Australian Inventory of Chemical Substances

US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

Chemical Name	SARA 313 - Threshold Values %
4,4' Diphenylmethane diisocyanate - 101-68-8	1.0
Polymethylene polyphenyl isocyanate (PMPI) - 9016-87-9	1.0

SARA 311/312 Hazard Categories

Acute health hazard	Yes
Chronic Health Hazard	Yes
Fire hazard	Yes
Sudden release of pressure hazard	Yes
Reactive Hazard	Yes

CERCLA

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

Chemical Name	Hazardous Substances RQs	CERCLA/SARA RQ	Reportable Quantity (RQ)
4,4' Diphenylmethane diisocyanate 101-68-8	5000 lb	-	RQ 5000 lb final RQ RQ 2270 kg final RQ

US State Regulations

California Proposition 65

WARNING! This product contains a chemical known in the State of California to cause cancer

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
4,4' Diphenylmethane diisocyanate 101-68-8	X	X	X
Dimethyl ether 115-10-6	X	X	X
Isobutane 75-28-5	X	X	X
Polymethylene polyphenyl isocyanate (PMPI)	X	-	-

9016-87-9			
Propane 74-98-6	X	X	X

16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OF THE LAST REVISION

Creation Date 13-Dec-2010
Revision Date 08-Oct-2015
Revision Note This Safety Data Sheet meets US OSHA Revised Hazard Communication Standard 2012 (HCS) 29 CFR 1910.1200 and to the Canadian Hazardous Products Regulation SOR/2015-17 (WHMIS 2015) requirements.

Disclaimer
Reasonable care has been taken in the preparation of this information, but the manufacturer makes no warranty of merchantability or any other warranty, expressed or implied, with respect to this information. The manufacturer makes no representations and assumes no liability for any direct, incidental or consequential damages resulting from its use.

End of Safety Data Sheet