



**Air Conditioning Products
Tools, Equipment & Refrigerant**

SAFETY DATA SHEET

Issue Date: 01-Jan-2012

Revision Date: 03-Jan-2019

Version 1

Section 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product Identifier

SDS #	FJC-008-EU
Product Code	#9160, 9162
Product Name	Kwik Seal

1.2. Relevant Identified Uses of the Substance or Mixture and Uses Advised Against

Recommended Use	Leak sealant
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1.3. Details of the Supplier of the Safety Data Sheet

Supplier

FJC
P.O. Box 499
101 Commercial Drive
Mooresville, NC 28115

1.4. Emergency telephone number

Emergency Telephone (24 hr)	INFOTRAC 1-352-323-3500 (International) 1-800-535-5053 (North America)
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Section 2: HAZARDS IDENTIFICATION

2.1. Classification of the Substance or Mixture

Regulation (EC) No 1272/2008

Not a dangerous substance or mixture according to the Globally Harmonized System (GHS)

Classification according to 67/548/EEC

Full text of R-phrases: see section 16

Hazard Symbols

Not dangerous

2.2. Label Elements

Not a dangerous substance or mixture according to the Globally Harmonized System (GHS)

Signal Word

None

2.3. Other Hazards

General Hazards

None known

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

Chemical Nature

This product does not contain any components which are considered to be hazardous or have established work place exposure limits.

Full text of R-phrases: see section 16

Full text of H- and EUH-phrases: see section 16

Section 4: FIRST AID MEASURES

4.1. Description of First Aid Measures

General Advice

If exposed or concerned: Get medical advice/attention.

Eye Contact

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If eye irritation persists: Get medical advice/attention.

Skin Contact

Wash with soap and water. Take off contaminated clothing. Wash contaminated clothing before reuse.

Inhalation

Not a hazard under normal use. If overcome by vapour from hot product, immediately remove from exposure and call a physician. Oxygen or artificial respiration if needed.

Ingestion

Do not induce vomiting. Call a physician or poison control center immediately.

4.2. Most Important Symptoms and Effects, Both Acute and Delayed

Symptoms

Possible aspiration hazard. Prolonged or repeated skin contact may cause irritation.

4.3. Indication of any Immediate Medical Attention and Special Treatment Needed

Notes to Physician

Treat symptomatically.

Section 5: FIRE-FIGHTING MEASURES

5.1. Extinguishing Media

Suitable Extinguishing Media

Foam. Water spray (fog). Dry chemical. Carbon dioxide (CO₂).

Unsuitable Extinguishing Media Not determined.

5.2. Special Hazards Arising from the Substance or Mixture

Thermal decomposition can lead to release of irritating and toxic gases and vapors.

5.3. Advice for Firefighters

Wear self contained breathing apparatus for fire fighting if necessary. Use personal protective equipment as required. Use water spray to cool exposed surfaces.

Section 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal Precautions, Protective Equipment and Emergency Procedures

Personal Precautions

Only trained individuals should attempt to clean up spills of this material. Use personal protective equipment as required. Avoid contact with eyes and skin.

For Emergency Responders

Use personal protection recommended in Section 8.

6.2. Environmental Precautions

Do not allow into any sewer, on the ground or into any body of water.

6.3. Methods and Material for Containment and Cleaning Up

Methods for Containment

Prevent further leakage or spillage if safe to do so.

Methods for Clean-Up

Recover free liquid. Cover liquid spill with sand, earth or other non-combustible absorbent material. Place in appropriate containers for disposal.

6.4. Reference to Other Sections

See Section 13: DISPOSAL CONSIDERATIONS.

Section 7: HANDLING AND STORAGE

7.1. Precautions for Safe Handling

Advice on Safe Handling

Use personal protection recommended in Section 8. Empty containers may contain flammable vapors/residue. Wash thoroughly after handling.

General Hygiene Considerations

Handle in accordance with good industrial hygiene and safety practice.

7.2. Conditions for Safe Storage, Including any Incompatibilities

Storage Conditions

Keep containers tightly closed in a dry, cool and well-ventilated place. Store away from heat, sparks, flame.

7.3. Specific End Use(s)

Specific Use(s) Leak sealant.

Risk Management Methods (RMM)

The information required is contained in this Safety Data Sheet.

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control Parameters

Exposure Limits

The product does not contain any hazardous materials with occupational exposure limits established for the EEC or its members.

8.2. Exposure Controls

Engineering Controls

Local exhaust ventilation recommended. Eyewash stations.

Personal Protective Equipment

Eye/Face Protection

Splash goggles or safety glasses.

Hand Protection

Use chemical resistant gloves for prolonged skin contact.

Skin and Body Protection

Neoprene coated apron or clothing. Nitrile coated apron or clothing. PVC coated apron or clothing. Viton.

Respiratory Protection

Provide adequate ventilation.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on Basic Physical and Chemical Properties

Physical State	Liquid	Odour	Mild
Appearance	Red liquid	Odour Threshold	Not determined
Colour	Red		

Property	Values	Remarks • Method
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pH	Not applicable	
Melting Point/Freezing Point	Not determined	
Boiling Point/Boiling Range	Not determined	
Flash Point	None	Tag Closed Cup
Evaporation Rate	Not determined	
Flammability (Solid, Gas)	n/a-liquid	
Flammability Limits in Air		
Upper Flammability Limits	Not determined	
Lower Flammability Limit	Not determined	
Vapour Pressure	Not determined	
Vapour Density	Not determined	
Relative Density	1 +/- 0.5%	
Water Solubility	Insoluble in water	
Solubility(ies)	Not determined	
Partition Coefficient	Not determined	
Auto-ignition Temperature	>343 °C / >650 °F	
Decomposition Temperature	Not determined	
Kinematic Viscosity	Not determined	
Dynamic Viscosity	Not determined	
Explosive Properties	Not determined	
Oxidising Properties	Not determined	

9.2. Other information

VOC Content (%)	Not determined
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Section 10: STABILITY AND REACTIVITY

10.1. Reactivity

Not reactive under normal conditions.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of Hazardous Reactions

Possibility of Hazardous Reactions None
under normal processing.

10.4. Conditions to Avoid

Keep out of reach of children.

10.5. Incompatible Materials None
known.

10.6. Hazardous Decomposition Products None
under normal use conditions.

Section 11: TOXICOLOGICAL INFORMATION**11.1. Information on Toxicological Effects****Acute Toxicity****Product Information**

Eye Contact	Avoid contact with eyes.
Skin Contact	Avoid contact with skin.
Inhalation	Avoid breathing vapors or mists.
Ingestion	Do not taste or swallow.
Unknown Acute Toxicity	0% of the mixture consists of ingredient(s) of unknown toxicity.

The following values are calculated based on chapter 3.1 of the GHS document:

Oral LD50	5,000.00
Units	mg/kg
Inhalation	

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Mineral Oil	> 5000 mg/kg (Rat)		
Skin corrosion/irritation	Not classified.		
Serious eye damage/eye irritation	Not classified.		
Sensitization	Not classified.		
Germ cell mutagenicity	Not classified.		
Carcinogenicity	None known based on information supplied.		
Reproductive toxicity	Not classified.		
STOT - single exposure	Not classified.		
STOT - repeated exposure	Not classified.		
Aspiration hazard	Swallowing or vomiting of the liquid may result in aspiration into the lungs.		
Symptoms	Please see section 4 of this SDS for symptoms.		

Section 12: ECOLOGICAL INFORMATION

12.1. Toxicity

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

12.2. Persistence and Degradability Not determined.

12.3. Bioaccumulative Potential Not determined.

12.4. Mobility in Soil

Mobility

Not determined.

12.5. Results of PBT and vPvB Assessment Not determined.

12.6. Other Adverse Effects Not determined.

Section 13: DISPOSAL CONSIDERATIONS

13.1. Waste Treatment Methods

Waste from Residues / Unused Products

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

Contaminated Packaging

Improper disposal or reuse of this container may be dangerous and illegal.

Section 14: TRANSPORT INFORMATION

IMDG

14.1 UN/ID No Not regulated

RID

14.1 UN/ID No Not regulated

ADR

14.1 UN/ID No Not regulated

ICAO (air)

14.1 UN/ID No Not regulated

IATA

14.1 UN/ID No Not regulated

Section 15: REGULATORY INFORMATION

15.1. Safety, Health and Environmental Regulations/Legislation Specific for the Substance or Mixture

European Union

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work .

International Inventories

TSCA	Listed
EINECS/ELINCS	-----
DSL/NDSL	-
PICCS	-
ENCS	
IECSC	
AICS	
KECL	

Legend

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

PICCS - Philippines Inventory of Chemicals and Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

AICS - Australian Inventory of Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

15.2. Chemical Safety Assessment

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

Section 16: OTHER INFORMATION

Full text of R-phrases referred to under sections 2 and 3

Not applicable

Full text of H-Statements referred to under sections 2 and 3

Not applicable

Classification Procedure

Calculation method

Issue Date:	01-Jan-2012
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This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006, as amended by Regulation (EU) No. 453/2010

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet
