



## Kwik Seal A/C Stop Leak & Conditioners

### 1. Product and Company Identification

Company Name: FJC Address: 101 Commercial Drive Mooresville, NC 28115 USA Substance Name: Kwik Seal A/C Stop Leak & Conditioners Product: 9165 Creation Date: 1-2009 Revision Date: 5-2015	<b>Telephone: 704-664-3587</b> Transportation Emergences: Infotrac 1-800-535-5053 Outside the US 1-352-323-5000 (collect calls accepted)  Contact: 704.664.3587
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### 2. Hazards Identification

Health		Environmental		Physical	
Acute	Not applicable	Acute	Not applicable	Compressed Gas	Danger
Toxicity: Skin	Not applicable	Toxicity: Chronic	Not applicable		
Irritation: Skin	Not applicable	Toxicity:	applicable		
Sensitization: Eye:	Contact with liquid may cause frostbite, ache, and eyesight loss				

<b>Hazard Statements:</b> Contains gas under pressure: may explode if heated	<b>Precautionary Statements:</b> Danger
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### 3. Composition/Information on Ingredients

Chemical Name	Cas #	ENCIS #	Reach	Concentration
1,1,1,2-Tetrafluoroethane	811-97-2	212-377-0	Registered Yes	% Weight 45-55
Mineral Oil	64741-88-4	265-090-8	Yes	40-54
Propriety				
Propriety				

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4. First Aid Measures	
Inhalation:	Move from the exposed area immediately, supply artificial respiration if necessary. Seek medical attention immediately. Simple asphyxiate
Skin Contact:	If on skin or hair remove/take off immediately all contaminated clothing rinse skin with water/shower If frostbite or freezing occur, gently warm the area with warm (47. f C) water, and wrap the area with in soft bandage. Seek medical attention immediately. If no frostbite or freezing then wash the area with soap and water to remove contaminate.
Eye Contact:	Flush eyes with tempered water for at least 15 minutes. Seek medical attention immediately.
Ingestion:	Treat based on the symptoms Seek medical attention immediately.
Notes for Doctor:	There are no antidotes for this material, treatment is based on symptoms.

5. Fire Fighting Measures	
Extinguishing Media:	In case of fire use powder fire extinguishers, CO <sub>2</sub> can be used water or fog can be used for a blaze.
Special Hazards:	Container may explode or burst if exposed to heat, sparks or flames.
Harmful Combustion Products:	Carbon Monoxide and Carbon Dioxide will be formed as a bi-product of combustion.

6. Accidental Release Measures	
Personal Protection Equipment:	Insulated gloves, safety glasses, and air supplied breathing apparatus in high concentrations
Non Emergency Personnel:	Leave the immediate area
Emergency Responders:	Ventilate the area Insulated gloves, safety glasses, and air supplied breathing apparatus
Environmental Precautions:	Keep away for heat, sparks and open flames
Methods & Materials for Containment/Cleanup:	Flush the area with water, ventilate with large volumes of outside air avoid generation of sparks, heat or flames
Containment:	None applicable None
Cleanup:	applicable
Other information:	Keep away from heat, sparks and flames
Reference to other Sections:	See section 7 for safe handling precautions and personal protective equipment.

7. Handling and Storage	
Precautions for Safe Handling:	Protect from Sunlight, store in well-ventilated place
Protective Measures:	Store in flammable cabinet
Fire Prevention:	Keep away for heat, sparks and flames
Aerosol & Dust Generation Prevention:	Non applicable
Environmental Prevention:	No data available
Safe Storage:	Store in clean dry area avoid heat, sparks and flames do not store in direct sun light
Special End Use:	Sealing of A/C units

8. Exposure Controls/Personal Protection	
Exposure Controls:	Use only in well ventilated area. Follow all manufactures instructions
Engineering Controls:	Mechanical ventilation and other electrical equipment should be explosion proof
Personal Protection Under Equipment:	Under normal use no personal protective equipment required for accidental release see section 6
Eye and Face Protection:	Safety glasses should be used whenever handling chemicals
Skin Protection:	Insulated gloves to protect from the cold
Respiratory Protection:	In areas of high concentration/accidental releases use air supplied breathing apparatus
Thermal Hazards:	The sudden release of pressure can generate freezing temperatures frostbite and or freezing of the skin is a risk.
Environmental Exposure Controls:	Do not puncture container, avoid areas where heat, sparks and flames are possible be causes of ignition sources.

9. Physical and Chemical Properties				
Component	1,1,1,2 Tetrafluoroethane	Mineral Oil	Propriety	Propriety
Appearance:	Liquid and vapor	White Liquid		
Odor:	Faint ethereal	Ammonia Odor		
Threshold:	Non applicable	Non applicable		
pH:	Non applicable	7.1 Melting		
Point/Freezing applicable	Non applicable	Non		
Point:				
Initial Boiling Point:	-26.2° C	Non applicable		
Evaporation Rate:	>1	Not Determined		
Flammability:	Non applicable	Non applicable		
Flash point Closed Cup Upper/Lower	Non applicable Non applicable	>93.3° C Non applicable		
Flammability/Explosive:				
Vapor Pressure: psia@ 70° C	85.5	Non applicable		
Vapor Density: Air =1 Specific Gravity: H2O=	3.5 <1.22	Non applicable		
1 @ 20° C				
Density:		7.16 lbs/gal		
Solubility:	Non applicable	Non applicable		
Auto-Ignition	>750 C	~343.3° C		
Temperature: Decomposition	Not available	Not available		

Temperature:

10. Stability and Reactivity	
Reactivity:	Stable at normal temperature and pressure
Chemical Stability: Possibility of Hazardous	No reaction No reaction
Reactions: Conditions to Avoid:	Avoid contact with heat, flame, sparks or other sources of ignition
Incompatible Materials:	Avoid contact with strong oxidizing agents, Alkali or alkaline earth metals powdered Aluminum/Zinc etc
Hazardous Decomposition	Products of combustion may contain Carbon Monoxide and Carbon Dioxide.
Products:	

Storage: Store in well ventilated place keep cool

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11. Toxicological Information	
Acute Toxicity:	No toxicity by inhalation
Skin Corrosion/Irritation:	Contact with liquid may cause frostbite, ache, and water blisters
Serious Eye Damage:	Contact with liquid may cause frostbite, ache, and eyesight loss
Respiratory or Skin Sensitization:	Material is not a sensitization agent
Germ Cell Mutagenicity:	Non applicable
Carcinogenicity:	No data available No
Reproductive Toxicity:	data available
STOT Single Exposure:	May cause drowsiness or dizziness, headache, difficulty breathing, loss of consciousness
STOT Repeated Exposure:	No affects
Aspiration Hazard:	Simple asphyxiate in high concentration difficulty in breathing, nausea, vomiting, <b>coma</b> , spasm, and paralysis


12. Ecological Information	
Toxicity:	No data available
Persistence and Degradability:	No data available
Bioaccumulative Potential:	No data available
Mobility in Soil:	No data available No
Results of PBT/vPvB Assessment:	data available
Other Adverse effects:	No data available

13. Disposal Considerations	
Waste Treatment Methods:	Dispose of contents/container in accordance with local/regional/national/international regulations.

14. Transport Information	
Air:	FJC does not ship this product by Air. Consult federal rules and regulations before shipping this product by air.
Land:	Shipping name: 1,1,1,2 tetrafluoroethane (R134a Refrigerant Gas)- Aerosol, Class: 2.2, UN #: UN1950, Exception: Can qualify for limited quantity under special provisions Other information: Non- flammable
Sea:	Shipping name: 1,1,1,2 tetrafluoroethane (R134a Refrigerant Gas)- Aerosol, Class: 2.2, UN #: UN1950, Exception: Can

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	qualify for limited quantity under special provisions Other information: Non- flammable
Notes	

15. Regulatory Information	
Precautionary Label Information:	Contains gas under pressure: may explode if heated H280
Symbols:	
Risk Phrases:	34
Safety Phrases:	None

16. Other Information
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