

## SECTION 1: IDENTIFICATION

**Manufacturer**

Choice Adhesives

**Address**

 666 Redna Terrace, Suite 600  
Cincinnati, OH 45215

 2500 Carroll Avenue  
Lynchburg, VA 24501

**Information Telephone Number**

513-772-1234

434-847-5671

**Emergency Contact Number:**

800-424-9300 (CHEMTREC)

**Recommended Use**

Adhesive

## SECTION 2: HAZARD(S) IDENTIFICATION

**Classifications**

 Skin Irritation: Category 2  
Eye Damage: Category 2A  
Carcinogenicity: Category 2  
STOT Single Exposure: Category 3  
Compressed or Liquefied Gas

**Pictograms**

**GHS Signal Word**

WARNING!

**Hazard Statements**

 Causes skin irritation.  
Causes serious eye irritation.  
Suspected of causing cancer.  
May cause drowsiness or dizziness.  
Contains gas under pressure; may explode if heated

**Precautionary Statements**

 Do not handle until all safety precautions have been read and understood.  
IF exposed or concerned: Get medical attention.  
Avoid breathing vapors. Use in a well-ventilated area.  
IF INHALED: Call a doctor if you feel unwell. Remove person to fresh air and keep comfortable for breathing  
IF ON SKIN: Take off contaminated clothing and wash before reuse. Wash skin with plenty of water. If skin irritation occurs: Get medical attention.

**Potential Health Effects**

Principal Routes of Exposure

Inhalation, skin absorption, eye contact

**Acute Effects**

Eye:

Skin:

Inhalation:

Ingestion:

Contact with eyes may cause irritation. Direct contact with liquid or vapors may cause stinging, tearing, redness, swelling and eye damage.

May cause skin irritation and/or dermatitis. Prolonged or repeated contact or exposure to vapors may cause redness, burning, and drying and cracking of skin.

Breathing high concentrations of vapors may cause irritation of the nose and throat or signs of nervous system depression (e.g., headache, nausea, drowsiness, dizziness, vomiting, loss of coordination and fatigue)

Ingestion may cause irritation of the digestive tract, nausea, vomiting, and signs of nervous system depression

Avoid repeated exposure. May cause blood damage. Repeated contact may cause allergic reactions in very susceptible persons.

Pre-existing eye, skin or respiratory disorders may be aggravated by exposure to this product.

**Chronic Effects**
**Aggravated Medical Conditions**

## SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

**Chemical Designation**
**CAS No.**
**% by Weight**

Methylene chloride	75-09-2	50 - 75%
1,1,1,2-Tetrafluoroethane	811-97-2	12 - 25%
Carbon dioxide	124-38-9	5 - 15%
Dimethyl ether	115-10-6	1 - 7%

Any remaining ingredients (to comprise 100% of the product) should be considered a proprietary blend of non-hazardous substances, or materials below threshold reporting limits.

## SECTION 4: FIRST AID MEASURES

**General Advice**

Show this safety data sheet to the doctor in attendance

**Eyes**

Flush with plenty of cool water for at least 15 minutes, holding eyelids apart for thorough irrigation. If irritation persists, get immediate medical attention.

**Skin**

Wash affected area thoroughly with soap and water. Remove contaminated clothing and wash affected areas thoroughly with mild soap. If skin irritation persists, get immediate medical attention.

**Inhalation**

Move to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing is difficult, give oxygen and get immediate medical attention.

**Ingestion**

Do not induce vomiting seek immediate medical attention. If vomiting occurs, keep head lower than hips to prevent aspiration.

**Notes to Physician**

Treat symptomatically.

## SECTION 5: FIRE FIGHTING MEASURES

**Extinguishing Media**

Carbon dioxide, dry chemicals, foam. Water may be helpful in keeping adjacent containers cool; avoid spreading the liquid with water used for cooling. Water-based sprinkler systems may help contain larger fires.

**Special Protective Equipment and firefighting procedures**

Wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**Specific hazards arising from the chemical**

Closed containers may rupture if exposed to fire or extreme heat. May produce toxic fumes if burning.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

**Personal Precautions**

Use personal protective equipment. Remove all sources of ignition.

**Environmental Precautions**

Prevent further leakage or spillage if safe to do so. Do not allow material to contaminate ground water system. Prevent product from entering drains. Do not flush into surface water or sanitary sewer system. Local authorities should be advised if significant spillages cannot be contained.

**Methods for Clean-up**

Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers. Clean contaminated surface thoroughly.

**Other Information**

None known.

## SECTION 7: HANDLING & STORAGE

**Handling**

Use only in area provided with appropriate exhaust ventilation. Do not breathe vapors or spray mist. Wear appropriate personal protective equipment. Take precautionary measures against static discharges. To avoid ignition of vapors by static electricity discharge, all metal parts of the equipment must be grounded. Keep away from open flames, hot surfaces and sources of ignition.

**Storage**

Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from extremes of heat or cold. Keep in properly labeled containers.

## SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Note: Any items listed in the above with workplace control parameters which are not listed in section 3 are below threshold reporting values.

REL - Recommended Exposure Limits  
TLV - Threshold Limit Value

**Exposure Limits**

Components with workplace control parameters:

**Hazardous Components**
**OSHA PEL**
**ACGIH TLV**

Methylene chloride  
1,1,1,2-Tetrafluoroethane  
Carbon dioxide  
Dimethyl ether

25  
Not established  
5000  
Not established

50  
1000  
5000  
1000

**Engineering Measures**

Ensure adequate ventilation, especially in confined areas.

**Personal Protective Equipment**
**Eyes/Face**

Safety goggles or glasses, or full face shield.

**Skin**

Protective gloves and impervious clothing. Consult the glove/clothing manufacturer for proper selection of materials.

**Respiratory**

In operations where exposure limits are exceeded, use a NIOSH-approved respirator that has been selected by a technically qualified person for the specific work conditions.

**Hygiene Practices**

Avoid contact with skin, eyes and clothing. Remove and wash contaminated clothing before re-use. Wash thoroughly after handling. When using, do not eat, drink or smoke.

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

<b>Appearance</b>	Amber-colored liquid.	<b>Upper Flammability/Explosive Limit</b>	N/A
<b>Oxidizing Properties</b>	No Data Available	<b>Lower Flammability/Explosive Limit</b>	N/A
<b>Odor</b>	Characteristic odor.	<b>Vapor Pressure mm Hg</b>	Not available
<b>Odor Threshold</b>	No Data Available	<b>Vapor Density</b>	Heavier than air
<b>pH Value</b>	No Data Available	<b>Bulk Density (lb/gal)</b>	9.69
<b>Melting Point / Freezing Point</b>	No Data Available	<b>VOC Content (g/L)</b>	14
<b>Boiling Point</b>	-15.0 °F [-26.1 °C]	<b>VOC Less Water &amp; Exempts (g/L)</b>	22
<b>Non-Volatile (wt%)</b>	18.02	<b>Specific Gravity (g/l)</b>	1.163
<b>Flash Point</b>	Not applicable	<b>Auto-Ignition Temperature</b>	No Data Available
<b>Explosive Properties</b>	No Data Available	<b>Decomposition Temperature</b>	No Data Available
<b>Evaporation Rate</b>	Faster than nBuAc	<b>Partition Coefficient</b>	No Data Available
<b>Flammability (solids)</b>	No Data Available	<b>Viscosity</b>	No Data Available
<b>Solubility in Water</b>	Insoluble		

**SECTION 10: STABILITY AND REACTIVITY**
**Chemical Stability** Stable under normal conditions. Hazardous polymerization does not occur.

**Possibility of Hazardous Reactions** None under normal conditions of use.

**Conditions to Avoid** Keep away from open flames, hot surfaces, static electricity and sources of ignition. Avoid extremes of heat or cold.

**Materials to Avoid** Incompatible with strong acids and bases, alkali metals, halogens, and strong oxidizing agents.

**Hazardous Decomposition**

Thermal decomposition can lead to release of irritating gases and vapors. Carbon monoxide, carbon dioxide, smoke, and other unidentified organic compounds may be formed during combustion.

## SECTION 11: TOXICOLOGICAL INFORMATION

**Numerical Measures of Toxicity for Individual Components**
**Likely Routes of Exposure**

Inhalation, skin absorption, eye contact.

**Acute Toxicity** Oral: No data; Skin: No data; Inhalation: No data      **Sensitization** Respiratory: No data; Skin: No data

**Irritation** Skin: Category 2      **Mutagenicity** No data

**Reproductive Toxicity** No data      **Aspiration Hazards** No data

**Specific Target Organ Toxicity - Single Exposure** Category 3

**Specific Target Organ Toxicity - Repeated Exposure** No data

**Chronic Toxicity / Carcinogenicity**

The information below indicates whether each agency has listed any ingredient as a carcinogen. If no ingredients are listed below, then there are no known classifications.

Component	IARC	NTP	OSHA
Methylene chloride	Listed	Listed	Listed

## SECTION 12: ECOLOGICAL INFORMATION

The information and data for components are listed individually for areas of ecological consideration below.

**Aquatic Toxicity** Acute and prolonged toxicity to fish: No Data Available  
Acute toxicity to aquatic invertebrates: No Data Available  
Environmental fate and pathways: No Data Available

**Persistence and Degradability** No Data Available      **Mobility in Soil** No Data Available

**Bioaccumulative Potential** No Data Available      **Other Adverse Effects** No Data Available

## SECTION 13: DISPOSAL CONSIDERATION

**Waste Disposal Method**

Dispose of in accordance with all applicable local, state, and federal regulations. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit, and the permitting authority has been

notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

## SECTION 14: TRANSPORT INFORMATION

The shipping classification in this section is meant as a guide to overall classification of the product. However, transportation classifications may be subject to change with changes in package size. Consult shipper requirements under 49 CFR, IATA and IMDG to assure regulatory compliance.

### REGULATION

### DESCRIPTION

#### DOT

Proper Shipping Name	CHEMICAL UNDER PRESSURE, N.O.S.
Technical Name	(1,1,1,2-TETRAFLUOROETHANE, CARBON DIOXIDE)
Hazard Class	2.2
UN Number	UN3500
Packing Group	
Placards	



ICAO / IATA No Data Available

IMDG / IMO No Data Available

## SECTION 15: REGULATORY INFORMATION

**US TSCA** Yes All components are listed or exempt.

**Canada DSL** Yes All components are listed or exempt.

**OSHA Regulatory Status** This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)

**SARA 313** Section 313 OF Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). If listed below, 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 Designation**

**CAS Number**

**Weight %**



# Safety Data Sheet

**Description:**

FORMICA F-200NF

Date Issued

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04/06/2020

Methylene chloride

75-09-2

50 - 75%

## Clean Air Act, Section 112 Hazardous Air Pollutants (HAPS) (see 40 CFR 61)

**Chemical Designation**

**CAS Number**

**Weight %**

Methylene chloride

75-09-2

50 - 75%

## State Regulations

### California Prop. 65

This product contains one or more chemicals known to the state of California to cause cancer and/or reproductive harm. Unless chemical names are listed below, these chemicals are present only in trace amounts. [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

**Chemical Name**

**CAS Number**

Methylene chloride

75-09-2

## SECTION 16: OTHER INFORMATION

### NFPA is a Health, Flammability and Reactivity rating: 210B

4 SEVERE HAZARD, 3 SERIOUS HAZARD, 2 MODERATE HAZARD, 1 SLIGHT HAZARD, 0 MINIMAL HAZARD, \* Chronic Hazard

Date Printed

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SDS Review Date

09/21/2018

## DISCLAIMER

The above Information is based on the present state of our knowledge of the product at the time of publication. It is given in good faith. No warranty is implied with respect to the quality or the specification of the product and the user must satisfy his self that the product is entirely suitable for his purposes.

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**END OF SAFETY DATA SHEET**

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