

SECTION 1: IDENTIFICATION

Product name: Prevail™ 3100

Synonyms: None

Product use description:
Spray flooring adhesive

Company:

Metroflor® Corporation
119 Thomas St.
Calhoun, GA 30701
(888) 235-6672

Emergency contact:

Chemtec (800) 424-9300

SECTION 2: HAZARD(S) IDENTIFICATION

GHS-US classification: Gases under pressure – Dissolved gas
Carcinogenicity 2

Pictograms:



Signal word: Warning

Hazard statements: Contains gas under pressure; may explode if heated. Suspected of causing cancer.

Precautionary statements (GHS-US): Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves/protective clothing/eye protection/face protection. If exposed or concerned: Get medical advice/attention. Store locked up. Protect from sunlight. Store in a well-ventilated place. Dispose of contents and container in accordance with all local, regional, national and international regulations.

Other hazards: No data available

Unknown acute toxicity: None

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

<i>Component</i>	<i>CAS-No.</i>	<i>Weight %</i>	<i>Classification</i>
1,1-Difluoroethane	75-37-6	10 - 30	Flam. Gas 1 Liquefied gas
Vinyl acetate	108-05-4	0.1 - 1	Flam. Liq. 2 Acute Tox. 4 (Inhalation) Carc. 2 STOT SE 3

**The specific chemical identity and/or exact percentage of composition have been withheld as a trade secret [29 CFR 1910.1200].*

SECTION 4: FIRST-AID MEASURES

Eye contact: Immediately flush eyes with plenty of water. Remove contact lenses, if worn. If irritation persists, get medical attention.

Skin contact: Immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse. Call a physician if irritation develops and persists.

Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.

Ingestion: Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical advice/attention if you feel unwell.

Effects of overexposure:

Eye contact: May cause eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with possible redness and swelling.

Skin contact: May cause skin irritation. Symptoms may include redness, drying, defatting and cracking of the skin.

Inhalation: May cause respiratory tract irritation.

Ingestion: Not a normal route of exposure.

Notes to physician: Symptoms may not appear immediately. In case of accident or if you feel unwell, seek medical advice immediately (show the label or SDS where possible).

SECTION 5: FIRE-FIGHTING MEASURES

Suitable extinguishing media: Powder, water spray, foam, carbon dioxide.

Unsuitable extinguishing media: None known.

Specific hazards during fire fighting: Cool closed containers exposed to fire with water. Products of combustion may include, and are not limited to: oxides of carbon.

Special protective equipment for fire-fighters: Containers may explode when heated. Keep upwind of fire. Wear full fire fighting turn-out gear (full Bunker gear) and respiratory protection (SCBA).

Further information: None

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions: Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel. Eliminate sources of ignition. Ruptured cylinders may rocket.

Environmental precautions: Do not flush to sewer or allow to enter waterways.

Methods for cleaning up: Scoop up material and place in a disposal container. Provide ventilation.

Methods for containment: Contain and/or absorb spill with inert material (e.g. sand, vermiculite), then place in a suitable container. Do not flush to sewer or allow to enter waterways. Use appropriate Personal Protective Equipment (PPE)

Further information: Refer to Section 8 for further information on protective clothing and equipment and Section 13 for advice on waste disposal.

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling: Keep away from sources of ignition. No smoking. Avoid contact with skin and eyes. Avoid breathing vapor or mist. Use only in well-ventilated areas. When using, do not eat, drink or smoke.

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

Hygiene measures: Launder contaminated clothing before reuse. Wash hands before eating, drinking, or smoking.

Conditions for safe storage: Keep locked up and out of reach of children. Store away from direct sunlight or other heat sources. Do not store at temperatures above 49 °C / 120 °F. Keep from freezing. Store in a well-ventilated place.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

1,1-Difluoroethane (75-37-6)		
USA ACGIH	ACGIH TWA (ppm)	Not applicable
USA ACGIH	ACGIH STEL (ppm)	Not applicable
Vinyl acetate (108-05-4)		
USA ACGIH	ACGIH TWA (ppm)	10 ppm
USA ACGIH	ACGIH STEL (ppm)	15 ppm

Exposure controls:

Engineering controls: Use ventilation adequate to keep exposures (airborne levels of dust, fume, vapor, etc.) below recommended exposure limits.

Eye protection: Safety glasses or goggles are recommended when using product.

Hand protection: Wear suitable gloves.

Skin and body protection: Wear suitable protective clothing.

Respiratory protection: In case of insufficient ventilation, wear suitable respiratory equipment. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

Environmental exposure controls: Maintain levels below community environmental protection thresholds.

Consumer exposure controls: Do not eat, smoke or drink where material is handled, processed or stored. Wash hands carefully before eating or smoking. Handle according to established industrial hygiene and safety practices.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Gas/Pressurized Liquid
Appearance (Color)	Clear (White)
Odor	Sweet
Odor threshold	No data available
pH	5.5 - 7.5
Melting point/freezing point	No data available
Initial boiling point & range	No data available
Flash point	No data available
Evaporation rate (butylacetate=1)	No data available
Flammability (solid,gas)	Not flammable
Upper explosive limit	No data available
Lower explosive limit	No data available
Vapor pressure	No data available
Relative Vapor density at 20 °C	> 1 (Air = 1)
Relative density	1.03
Solubility (in water)	No data available
Auto-ignition temperature	No data available
Decomposition Temperature	No data available
Log (Pow,Kow)	No data available
Viscosity (kinetic,dynamic)	No data available
Explosive properties	No data available
Oxidizing properties	No data available
Explosive limits	No data available

SECTION 10: STABILITY AND REACTIVITY

Conditions of reactivity: No dangerous reaction known under conditions of normal use.

Incompatible materials: Oxidizers, Nitrates, Chlorine bleach

Chemical stability: Stable under normal storage conditions. Contents under pressure. Container may explode if heated. Do not puncture. Do not burn. Keep in a cool place.

Possibility of hazardous reactions: No dangerous reaction known under conditions of normal use.

Conditions to avoid: Heat. Incompatible materials

Hazardous decomposition product: May include, and are not limited to: oxides of carbon.

SECTION 11: TOXICOLOGICAL INFORMATION

Information on Toxicological Effects – Product

Acute toxicity: Not classified

LD50 and LC50 data: No data available

Skin corrosion/irritation: Based on available data, the classification criteria are not met.

Serious eye damage/irritation: Based on available data, the classification criteria are not met.

Respiratory or skin sensitization: Based on available data, the classification criteria are not met.

Germ cell mutagenicity: Based on available data, the classification criteria are not met.

Carcinogenicity: Suspected of causing cancer

Specific organ toxicity (repeated exposure): Based on available data, the classification criteria are not met.

Reproductive toxicity: Based on available data, the classification criteria are not met.

Specific organ toxicity (single exposure): Based on available data, the classification criteria are not met.

Aspiration hazard: Based on available data, the classification criteria are not met.

Symptoms/Injuries after inhalation: May cause respiratory tract irritation.

Symptoms/Injuries after skin contact: May cause skin irritation. Symptoms may include redness, drying, defatting and cracking of the skin.

Symptoms/Injuries after eye contact: May cause eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with possible redness and swelling.

Symptoms/Injuries after ingestion: Not a normal route of exposure.

Chronic symptoms: No data available

Information on Toxicological Effects – Product

LD50 and LC50 data:

1,1 -Difluoroethane (75-37-6)	
LC50 Inhalation Rat	977 g/m ³ /2h
Vinyl acetate (108-05-4)	
LD50 Oral Rat	2920 mg/kg
LD50 Dermal Rabbit	2320 mg/kg
LC50 Inhalation Rat	11.4 mg/l/4h
Vinyl acetate (108-05-4)	
IARC Group	Group 2B – Possible carcinogenic to humans

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity: May cause long-term adverse effects in the aquatic environment.

Persistence and degradability: Not established

Bioaccumulative potential: Not established

Mobility in soil: No additional information available

Other effects:

Effect on ozone layer: No additional information available

Effect on global warming: No know ecological damage caused by this product.

SECTION 13: DISPOSAL CONSIDERATIONS

Disposal: Pressurized container: Do not pierce or burn, even after use.

Further Information: This material must be disposed of in accordance with all local, state, provincial, and federal regulations.

SECTION 14: TRANSPORT INFORMATION

In accordance with DOT:

Proper shipping name: Aerosols, non-flammable

Hazard class: 2.2

Identification number: UN1950



Further information: No supplementary information available. Do not handle until all safety precautions have been read and understood.

SECTION 15: REGULATORY INFORMATION

U.S. Federal regulations: All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory.

Vinyl acetate (108-05-4)	
Listed on SARA Section 302 (Specific toxic chemical listings)	
Listed on SARA Section 313 (Specific toxic chemical listings)	
SARA Section 302 Threshold Planning Quantity (TPQ)	1000
SARA Section 313 - Emission Reporting	0.1%

U.S. Federal regulations:

California Proposition 65: This product contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

Canadian regulations: No data available.

WHMIS classification(s): No data available.

Further Information: None

SECTION 16: OTHER INFORMATION

Further Information:

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 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.

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