

Safety Data Sheet

PipeWrap

SECTION I - IDENTIFICATION

PRODUCT IDENTIFIER: PipeWrap

PRODUCT CODE: 588000018-20AR

RECOMMENDED USE: Cold Pipe Insulation Spray

RESTRICTIONS ON USE: This product is not and cannot be distributed in commerce (as defined in TSCA section 3(5)) or processed (as defined in TSCA section 3(13)) for consumer paint or coating removal.

COMPANY NAME: Brodi Specialty Products

COMPANY ADDRESS: 3175 14th Avenue, Unit #1 Markham, ON, Canada L3R 0H1

COMPANY PHONE: 905-475-6084

EMERGENCY PHONE: 800-255-3924

SECTION II – HAZARDS IDENTIFICATION

CLASSIFICATION: Flammable Aerosol: Category 2

Liquefied Gas

Skin Irritant: Category 2

Eye Irritant: Category 2A

Carcinogenicity: Category 2

Specific Target Organ Toxicity (Single Exposure): Category 3

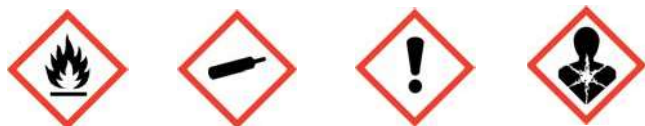
Specific Target Organ Toxicity (Repeated Exposure): Category 2

HAZARD STATEMENT(S): WARNING: Flammable Aerosol. Contains gas under pressure; May explode if heated. May cause respiratory irritation, drowsiness or dizziness. Causes skin and serious eye irritation. Suspected of causing cancer. May cause damage to organs through prolonged or repeated exposure.

This product contains the following percentage of chemicals of unknown toxicity: 0%

PRECAUTIONARY STATEMENTS: Keep away from heat, sparks, open flames, and 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. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. Store in a well-ventilated place. Wear protective gloves and eye protection. Wash hands thoroughly after handling. If on skin: Wash with plenty of water. If skin irritation occurs: Get medical attention. Take off contaminated clothing and wash before reuse. 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 attention. Avoid breathing dust, fumes or mist. Use only outdoors or in a well-ventilated area. If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center or doctor if you feel unwell. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. If exposed or concerned: Get medical advice or attention. Dispose of contents and container in accordance with local, state, and national regulations.

SYMBOL:



HAZARDS NOT OTHERWISE CLASSIFIED: N/A

SECTION III – COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENT	CAS NUMBER	PERCENT
Methylene Chloride	75-09-2	30-60%
Propane/n-Butane	68476-86-8	15-40%

SECTION IV - FIRST AID MEASURES

EYES: Remove contact lenses. Flush with water for at least 15 minutes. See a physician if irritation persists.

INGESTION: Rinse mouth with water. Do not induce vomiting unless directed by medical authority. Seek medical attention if irritation persists.

INHALATION: If inhaled: Remove person to fresh air and keep comfortable for breathing.

SKIN: Wash thoroughly with soap and water. Seek medical attention if irritation develops.

ACUTE HEALTH HAZARDS: Eyes: redness, tearing, blurred vision

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Skin: defatting and dermatitis

Inhalation: Irritation

Oral: abdominal irritation, nausea, vomiting, and diarrhea

CHRONIC HEALTH HAZARDS: Possible cancer causing agent and overexposure may also include damage to skin, kidneys, liver, dizziness, headache, nausea, mental confusion, visual disturbances, lungs, blood, or central nervous system.

NOTE TO PHYSICIAN: Do not administer adrenaline or epinephrine to a victim of chlorinated solvent poisoning. This product contains ingredients that may be anticipated to be a carcinogen.

SECTION V – FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA: Carbon dioxide, foam, and water fog.

UNSUITABLE EXTINGUISHING MEDIA: Water spray/stream.

SPECIAL FIRE FIGHTING PROCEDURES: Wear NIOSH approved Self Contained Breathing Apparatus with a full face piece operated in a positive pressure demand mode with full body protective clothing when fighting fires. Avoid breathing smoke, fumes, and decomposition products. Cool fire exposed containers with water fog to prevent bursting.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Contents under pressure. Exposure to temperatures above 120°F may cause bursting. Flammable.

HAZARDOUS COMBUSTION PRODUCTS: Oxides of carbon, Hydrogen Chloride, Phosgene.

SECTION VI – ACCIDENTAL RELEASE MEASURES

PERSONAL PROTECTIVE EQUIPMENT: Refer to section VIII for proper Personal Protective Equipment.

SPILL: Remove sources of ignition such as pilot lights. Material is heavier than air and can settle in low lying areas in Flammable concentrations, ventilate area. Product will undergo rapid evaporation. Use absorbent or spill sweep to clean.

WASTE DISPOSAL: Dispose of in accordance with federal, state, and local regulations. Do not flame cut, braze, or weld. Empty container very hazardous!

RCRA STATUS: Waste solvent likely considered F001, hazardous, under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

SECTION VII – HANDLING AND STORAGE

HANDLING AND STORAGE: Protect from sunlight. Store in a well-ventilated place. Do not expose to temperatures exceeding 50°C/122°F. Pressurized container: Do not pierce or burn, even after use.

OTHER PRECAUTIONS: Keep out of the reach of children.

INCOMPATIBILITY: May attack certain plastics, rubber, & coatings. Incompatible w/ strong oxidizers & caustics, chemically active metal, such as Aluminum, magnesium powder, sodium, potassium, and lithium.

SECTION VIII – EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS INGREDIENT	OSHA PEL	ACGIH TLV
Methylene Chloride	25 ppm	50 ppm
Propane/n-Butane	1000 ppm	1000 ppm

ENGINEERING CONTROLS / VENTILATION: Use only outdoors or in a well-ventilated area.

RESPIRATORY PROTECTION: Wear NIOSH/MSHA approved respiratory protection if exposure limits are exceeded.

PERSONAL PROTECTIVE EQUIPMENT: Safety glasses and chemical resistant gloves

ADDITIONAL MEASURES: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood.

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Clear Liquid

ODOR: Chlorinated solvent odor

ODOR THRESHOLD: 21mg/m³ (Methylene Chloride)

pH: N/A

MELTING POINT/FREEZING POINT: N/D

INITIAL BOILING POINT AND BOILING RANGE: > 140°F

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FLASH POINT: N/D
EVAPORATION RATE: >2
FLAMMABILITY(solid/gas): Flammable Aerosol
UPPER/LOWER FLAMMABILITY OR EXPLOSIVE LIMITS:
 LOWER FLAMMABILITY LIMIT: N/D
 UPPER FLAMMABILITY LIMIT: N/D
 EXPLOSIVE LIMIT LOWER (%): N/D
 EXPLOSIVE LIMIT UPPER (%): N/D
VAPOR PRESSURE (mm Hg): >100
VAPOR DENSITY (AIR=1): >2
RELATIVE DENSITY (H₂O=1): 1.2 @ 77°F (25°C)
SOLUBILITY(IES): 0% in water
PARTITION COEFFICIENT: n-OCTANOL/WATER (K_{ow}): N/D
AUTOIGNITION TEMPERATURE: N/D
DECOMPOSITION TEMPERATURE: N/D
VISCOSITY: N/D

SECTION X – STABILITY AND REACTIVITY

REACTIVITY: None Known
CHEMICAL STABILITY: Stable under recommended storage conditions.
POSSIBLE HAZARDOUS REACTIONS: None Known
CONDITIONS TO AVOID: Excessive heat. Sources of ignition.
INCOMPATIBLE MATERIALS: May attack certain plastics, rubber, & coatings. Incompatible w/ strong oxidizers & caustics, chemically active metal, such as Aluminum, magnesium powder, sodium, potassium, and lithium.
HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon, Hydrogen Chloride gas, and Phosgene.

SECTION XI – TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: **Methylene Chloride** (75-09-2): LD₅₀ (Oral, Rat) >2000 mg/kg. LD₅₀ (Dermal Rat) >2000 mg/kg. LC₅₀ (Inhalation, Rat) 52000 mg/m³.
ROUTES OF ENTRY: Eyes, Ingestion, Inhalation, Skin
EYES: Causes irritation, redness, temporary eye damage.
INGESTION: Nausea, vomiting, headaches, abdominal pain, diarrhea, dizziness, pulmonary edems, unconsciousness or death
INHALATION: May cause irritation to the respiratory tract, headaches, nausea, vomiting, lungs, and may cause fatigue. Excessive or prolonged exposure may cause dizziness and unconsciousness.
SKIN: Causes mild irritation, dryness, localize defatting.
MEDICAL CONDITION AGGRAVATED: Excessive exposure will aggravate pre-existing skin disorders, respiratory, liver, kidney, cardiovascular or pulmonary illnesses.
ACUTE HEALTH HAZARDS: Eyes: redness, tearing, blurred vision
Skin: defatting and dermatitis
Inhalation: Irritation
Oral: abdominal irritation, nausea, vomiting, and diarrhea
CHRONIC HEALTH HAZARDS: Possible cancer causing agent and overexposure may also include damage to skin, kidneys, liver, dizziness, headache, nausea, mental confusion, visual disturbances, lungs, blood, or central nervous system.
CARCINOGENICITY: OSHA: Yes ACGIH: A3 - Animal Carcinogen NTP: Suspected IARC: 2B - Possible OTHER: CA Prop 65

SECTION XII – ECOLOGICAL INFORMATION

ECOTOXICITY: Not Established
PERSISTENCE AND DEGRADABILITY: Component or components of this product are not biodegradable.
BIOACCUMULATIVE POTENTIAL: This product is not expected to bioaccumulate.
MOBILITY IN SOIL: This product is mobile in soil.
OTHER ADVERSE EFFECTS: None Known

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SECTION XIII – DISPOSAL CONSIDERATIONS

WASTE DISPOSAL: Dispose of in accordance with federal, state, and local regulations. Do not flame cut, braze, or weld. Empty container very hazardous!

RCRA STATUS: Waste solvent likely considered F001, hazardous, under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

SECTION XIV - TRANSPORT INFORMATION

PROPER SHIPPING NAME: Aerosols, Ltd. Qty.

HAZARD CLASS/DIVISION: 2.1 (6.1)

UN/NA NUMBER: UN 1950

PACKING GROUP: N/A

AIR SHIPMENT

PROPER SHIPPING NAME: Aerosols, Flammable, Containing Substances in Division 6.1 Packing Group III

HAZARD CLASS/DIVISION: 2.1 (6.1)

UN/NA NUMBER: UN 1950

PACKING GROUP: N/A

SHIPPING BY WATER:

VESSEL (IMO/IMDG)

PROPER SHIPPING NAME: Aerosols, Toxic

HAZARD CLASS/DIVISION: 2.1 (6.1)

UN/NA NUMBER: UN 1950

PACKING GROUP: N/A

ENVIRONMENTAL HAZARDS WATER: N/A

SECTION XV - REGULATORY INFORMATION

TSCA STATUS: All Chemicals are listed or exempt.

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): Methylene Chloride (75-09-2)

Reportable Quantity = 1,000 lbs

SARA 311/312 HAZARD CATEGORIES: Acute Health, Chronic Health

SARA 313 REPORTABLE INGREDIENTS: Methylene Chloride - 75-09-2

STATE REGULATIONS: CA Prop 65: This product contains chemicals known to the state of California to cause cancer: **Methylene Chloride** (75-09-2) **RTK:** MA, NJ, PA

INTERNATIONAL REGULATIONS: All components are listed or exempted.

VOLATILE ORGANIC COMPOUNDS (VOC): 32%

This product is not and cannot be distributed in commerce (as defined in TSCA section 3(5)) or processed (as defined in TSCA section 3(13)) for consumer paint or coating removal.

NFPA HEALTH: 2

HMIS HEALTH: 2

NFPA FLAMMABILITY: 2

HMIS FLAMMABILITY: 2

NFPA REACTIVITY: 0

HMIS REACTIVITY: 0

NFPA OTHER: None

HMIS PROTECTION: B

6.35# Methylene Chloride per case

SECTION XVI - OTHER INFORMATION

PREPARATION BY: Andrew Bach

DATE PREPARED: 07/26/2013

REVISION DATE: 02/07/2017

N/A = Not Applicable; N/D = Not Determined

DISCLAIMER: To the best of our knowledge, information contained herein is accurate. However there is no assumption of liability for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole

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responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazard which exists. The information contained in this SDS was obtained from current and reliable sources; however, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions or handling, storage and disposal of this product are beyond the control of the manufacturer, the manufacturer will not be responsible for loss, injury, or expense arising out of the products improper use. No warranty, expressed or inferred, regarding the product described in this SDS shall be created or inferred by any statement in this SDS. Various government agencies may have specific regulations regarding the transportation, handling, storage, use, or disposal of this product which may not be covered by this SDS. The user is responsible for full compliance.