

7673

SAFETY DATA SHEET

SUPER-DUTY NON FLAMMABLE MOUNTING CEMENT (SDMC-0004, SDMC-0008, SDMC 0016, SDMC-0032, SDMC-0128)



Section 1. Identification

Product Identifier: Super-Duty Non Flammable Mounting Cement

Other Identification: Not Available

Product Type: Liquid

Identified Uses: Adhesive

Suppliers Details: Dural Company, Inc.
5724 West Florist Ave.
Milwaukee, WI. 53218
Tel: (414) 466-7060
Fax: (414) 466-7060

Emergency Number: CHEMTREC (800) 424-9300

Section 2. Hazards Identification

*****EMERGENCY OVERVIEW***:** This material is considered hazardous by OSHA's Hazardous Communication Standard (29 CFR 1910.1200).

OSHA / HCS Status: This material is considered hazardous by OSHA's Hazardous Communication Standard (29 CFR 1910.1200).

Classification of the Substance or Mixture: SKIN CORROSION / IRRITATION – Category 2
SERIOUS EYE DAMAGE / EYE IRRITATION – Category 2
TOXIC TO REPRODUCTION: INHALATION (Fertility) – Category 2
SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) [Narcotic Effects] – Category 3
SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE): ORAL – Category 2
SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE): INHALATION – Category 2
ASPIRATION HAZARD – Category 1

GHS label elements

Hazard pictograms:



Signal Word: Warning

Section 2. Hazards Identification

Hazard statements: Causes skin irritation
Causes eye irritation
May cause drowsiness or dizziness
May cause respiratory irritation
Causes damage to cardiovascular system including elevated carboxyhemoglobin levels
May cause damage to Blood, Liver through prolonged or repeated exposure
Suspected of causing cancer

Precautionary statements

Prevention: Obtain special instructions before use
Do not handle until all safety precautions have been read and understood
Do not breathe gas, fumes, vapor, mist, or spray
Use only outdoors or in a well-ventilated area
Wear protective gloves, protective clothing, eye, and face protection
Wash thoroughly after handling
Do not eat, drink or smoke when using this product

Response: IF INHALED: Remove person to fresh air and keep comfortable for breathing
Call a POISON CENTER or doctor/physician if you feel unwell
IF ON SKIN: Wash with plenty of water
If skin irritation occurs: Get medical advice/attention
Take off contaminated clothing and wash it before reuse
Specific treatment (see First Aid info on product label and/or Section 4 of the SDS)
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 advice/attention
IF exposed or concerned: Get medical advice/attention
Get medical advice/attention if you feel unwell

Storage: Store locked up. Store in a well-ventilated place. Keep cool.

Disposal: Dispose of contents and container in accordance with all local, regional, national and international regulations.

Hazards not otherwise classified: Exposure in an enclosed or poorly-ventilated area may be very harmful
This material may be absorbed across the skin causing systemic effects
See Section 11: TOXICOLOGICAL INFORMATION

Section 3. Composition/Information on Ingredients

Component	Percent [%]	CAS Number	GHS Symbols	GHS Statements
Methylene chloride (Dichloromethane)	75 - 100	75-09-2	GHS07-GHS08	H315-319-335-336-351-370-373

The text for GHS Hazard Statements shown above (if any) is given in the "Other Information" Section. Any concentration shown as a range is to protect confidentiality or is due to process variation.

Section 4. First Aid Measures

Description of Necessary First Aid Measures:

- Eye Contact:** Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention promptly.
- Inhalation:** Rescuers should put on appropriate protective gear. Remove from area of exposure. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Keep victim warm. Give immediate medical attention.
- Skin Contact:** Wash with soap and water. Get medical attention if irritation develops or persists. Remove contaminated shoes and clothes and clean before reuse.
- Ingestion:** Small amounts which accidentally enter mouth should be rinsed out until taste of it is gone. Do not induce vomiting. Do not give liquids. Obtain emergency medical attention.

Section 5. Fire-Fighting Measures

- UNUSUAL FIRE AND EXPLOSION HAZARDS:** Vapors/dust may form explosive mixture with air. Empty containers retain product residue (liquid and/or vapor) and can be dangerous. DO NOT pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, static electricity, or other sources of ignition. Also, do not reuse container without commercial cleaning or reconditioning.
- SPECIAL FIREFIGHTING PROCEDURES:** As in any fire, wear self-contained breathing apparatus pressure-demand (MSHA/NIOSH approved or equivalent) and full protective gear. Water spray to cool containers or protect personnel. Use with caution. Water runoff can cause environmental damage. Dike and collect water used to fight fire.
- EXTINGUISHING MEDIA:** Carbon Dioxide, Dry Chemical, Foam, Water Fog

Section 6. Accidental Release Measures

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Wear appropriate personal protective equipment. (See Exposure Controls / Personal Protection Section). Eliminate all ignition sources. Prevent additional discharge of material if able to do so safely. Do not touch or walk through spilled material. Avoid runoff into storm sewers and ditches which lead to waterways. Ventilate spill area. Stay upwind of spill. Collect spilled materials for disposal. Use only non-combustible material for clean-up. Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container.

Section 7. Handling and Storage



HANDLING:

Use only in a well-ventilated area. Avoid breathing vapor, fumes or mist. Avoid contact with eyes, skin, and clothing. Always open containers slowly to allow any excess pressure to vent. Follow all MSDS/label precautions even after containers are emptied because they may retain product residues.

STORAGE:

Keep away from heat, sparks, and flame. Containers can build up pressure if exposed to heat (fire). Store containers in a cool, well ventilated place. Keep container closed when not in use. Protect from direct sunlight.

Section 8. Exposure Controls / Personal Protection

Ingredients with Occupational Exposure Limits

Chemical Name	ACGIH TLV-TWA	ACGIH TLV-TWA	OSHA PEL TWA	OSHA PEL-CEILING
Methylene chloride (Dichloromethane)	50 ppm	125 ppm	25 PPM	N.D.

Personal Protection



RESPIRATORY PROTECTION:

A NIOSH/MSHA approved air purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits.



SKIN PROTECTION:

Wear impervious gloves to prevent contact with the skin. Wear protective gear as needed - apron, suit, boots.



EYE PROTECTION:

Wear safety glasses with side shields (or goggles) and a face shield.

Section 8. Exposure Controls / Personal Protection (cont.)

Personal Protection (cont.)



OTHER PROTECTIVE EQUIPMENT: Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.



HYGENIC PRACTICES: Do not eat, drink, or smoke in areas where this material is used. Avoid breathing vapors. Remove contaminated clothing and wash before reuse. Wash thoroughly after handling. Wash hands before eating.

Section 9. Physical and Chemical Properties

Appearance:	Clear Liquid
Odor:	Typical
Density, g/cm³:	1.330
Freeze Point, °F:	N.D.
Solubility in Water:	Slight
Boiling Range, °F:	104 – 104
Evaporation Rate:	N.D.
Vapor Density:	2.93

Physical State:	Liquid
Odor Threshold:	200ppm
pH:	N.D.
Viscosity:	N.D.
Explosive Limits, vol%	14.0 – 22.0
Flash Point, °F:	>200
Auto-ignition Temp., °F:	N.D.
Vapor Pressure:	355 mmHg (20 C)

(See "Other information" Section for abbreviation legend)

Section 10. Stability and Reactivity

STABILITY:	No Information
CONDITIONS TO AVOID:	Avoid excess heat and sources of ignition.
INCOMPATIBILITY:	Prevent contact with strong oxidizing agents. Keep away from strong bases. Avoid contact with amines. Avoid contact with concentrated sulfuric or nitric acid. May be corrosive to aluminum, magnesium, titanium, and their alloys. May be corrosive to iron, stainless steel, copper, and nickel in the presence of air and water, and especially at elevated temperatures. May react violently with alkali and alkaline earth metals such as sodium, potassium and barium.
HAZARDOUS DECOMPOSITION PRODUCTS:	Toxic gases/fumes are given off during burning or thermal decomposition. During combustion carbon monoxide may be formed. During combustion carbon dioxide may be formed. At decomposition temperature, chlorine gas may be emitted. May release hydrogen chloride under fire conditions.
HAZARDOUS POLYMERIZATION:	No Information

Section 11. Toxicological Information



Information on Toxicological Effects

EFFECTS OF OVEREXPOSURE

INHALATION:

Vapors can cause irritation of the respiratory tract. High concentrations can cause headache, nausea, weakness, lightheadedness, and stupor (CNS depression). Prolonged exposure to high concentrations can cause central neurological depression and EEG abnormalities. Easily absorbed through lungs. Excessive exposure may cause carboxyhemoglobinemia, therefore impairing the blood's ability to transport oxygen. Exposure to a very high concentration may result in loss of consciousness and may cause abnormal heart rhythm and prove suddenly fatal.

SKIN CONTACT:

May cause effects ranging from mild irritation to severe pain and possibly burns depending upon intensity of contact. Prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis (rash).

EYE CONTACT:

Causes eye irritation. Symptoms may include stinging, tearing, redness and swelling.

INGESTION:

Ingestion may cause gastrointestinal tract irritation. Overexposure may cause nausea, diarrhea, and/or vomiting. May cause dizziness and drowsiness and/or stupor.

CHRONIC HAZARDS:

Suspect cancer hazard. Possible reproductive hazard. Overexposure may cause kidney damage. May cause liver disorder (e.g., edema, proteinuria) and damage.

Primary Route(s) of Entry: Eye Contact, Ingestion, Inhalation, Skin Contact

Acute Toxicity Values

The acute effects of this product have not been tested. Data on individual components are tabulated below:

CAS-No.	Name according to EEC	Oral LD50, mg/kg	Dermal LD50, mg/kg	Vapor LC50, mg/L
75-09-2	Methylene chloride	>2000	>2000	>76

Section 12. Ecological Information

ECOLOGICAL INFORMATION: No Information

Section 13. Disposal Considerations



For more guidance and information contact our Waste Services Division at (262) 658-4000.

Always dispose of any waste in accordance with all local, state, and federal regulations.

Section 13. Disposal Considerations (cont.)

DISPOSAL METHOD: Dispose of waste in accordance with all local, state and federal regulations.

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Wear appropriate personal protective equipment. (See Exposure Controls / Personal Protection Section.) Eliminate all ignition sources. Prevent additional discharge of material if able to do so safely. Do not touch or walk through spilled material. Avoid runoff into storm sewers and ditches which lead to waterways. Ventilate spill area. Stay upwind of spill. Collect spilled materials for disposal. Use only non-combustible material for clean-up. Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container.

Section 14. Transport Information

DOT Proper Shipping Name:	Dichloromethane	Packing Group:	III
DOT Hazard Class:	6.1	Hazard SubClass:	No Information
DOT UN/NA Number:	UN1593	Resp. Guide Page:	160

Section 15. Regulatory Information (cont.)

U.S. Federal Regulations:

CERCLA - SARA Hazard Category

This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories: Acute Health Hazard, Chronic Health Hazard

SARA SECTION 313:

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR part 372:

Chemical Name	Hazard SubC	CAS-No.
Methylene chloride	6.1	75-09-2

TOXIC SUBSTANCES CONTROL ACT:

This product contains the following chemical substances subject to the reporting requirements of TSCA 12(B) if exported from the United States:

No TSCA components exist in this product.



Section 15. Regulatory Information (cont.)

U.S. State Regulations:

NEW JERSEY RIGHT-TO-KNOW:

The following materials are non-hazardous, but are among the top five components in this product.

No NJ Right-To-Know components exist in this product.

PENNSYLVANIA RIGHT-TO-KNOW

The following non-hazardous ingredients are present in the product are at or greater than 3%.

No PA Right-To-Know components exist in this product.

CALIFORNIA PROPOSITION 65 CARCINOGENS

Warning: The following ingredients present in the product are known to the state of California to cause Cancer:

Chemical Name	CAS-No.
Methylene chloride	75-09-2

CALIFORNIA PROPOSITION 65 REPRODUCTIVE TOXINS

Warning: The following ingredients present in the product are known to the state of California to cause birth defects, or other reproductive hazards.

No Proposition 65 Reproductive Toxins exist in this product.

International Regulations: As follows -

CANADIAN WHMIS:

This SDS has been prepared in compliance with Controlled Product Regulations except for the use of the 16 headings.

WHMIS Class: No Information

Section 16. Other Information

Revision Date:	01/17/2018	Supersedes Date:	03/15/2015
Prepared by:	CMW	Document Version:	3

HMIS Ratings:

Health:	2	Flammability:	1	Reactivity:	0	Personal Protection:	X
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ulations. As follows

Section 16. Other Information (cont.)



Volatile Organic Compounds, gr/ltr: 0

DISCLAIMER: THE VOLATILE ORGANIC COMPOUND (VOC) CONTENT REPORTED HEREIN, IF ANY, IS BASED ON A MATERIAL VOC CALCULATION. NOTE THAT SEVERAL METHODS ARE USED FOR CALCULATING VOC CONTENT AND THAT STANDARDS/ REQUIREMENTS REGARDING VOC CONTENT VARY BY LOCATION/JURISDICTION. ACCORDINGLY, EMCO MAKES NO REPRESENTATIONS OR WARRANTIES, EXPRESS OR IMPLIED, REGARDING THIS MATERIAL'S COMPLIANCE WITH VOC STANDARDS/ REQUIREMENTS APPLICABLE IN LOCATIONS/JURISDICTIONS WHERE THIS MATERIAL MAY BE SOLD OR USED.

Text for GHS Hazard Statements shown in Section 3 describing each ingredient:

- H315 Causes skin irritation.
- H319 Causes serious eye irritation.
- H335 May cause respiratory irritation.
- H336 May cause drowsiness or dizziness.
- H351 Suspected of causing cancer.
- H370 Causes damage to organs.
- H373 May cause damage to organs through prolonged or repeated exposure.

Icons for GHS Pictograms shown in Section 3 describing each ingredient:

- GHS07 
- GHS08 

Legend: N.A. - Not Applicable, N.E. - Not Established, N.D. - Not Determined, N.I. - No Information

Notice to Reader

The information on this SDS was obtained from sources which we believe to be reliable. However, the information provided is without any warranty, expressed or implied, regarding its correctness. Some information presented and conclusions drawn herein are from sources other than direct test data on the product itself. The information and recommendations are offered for the user's consideration and examination and should be used to make an independent determination of the methods to safeguard workers and the environment. The conditions or methods of handling, storage, use and disposal of the product are beyond our control and may be beyond our knowledge. For these reasons we do not assume responsibility and expressly disclaim any liability for loss, damage, or expense arising out of or in any way connected with handling, storage, use, or disposal of this product. If the product is used as a component in another product, this SDS may not be applicable. It is the responsibility of the user to comply with all Federal, State, and Local laws and regulations.

Text for GHS Hazard Statements shown in Section 3 describing each ingredient: