



MATERIAL SAFETY DATA SHEET

1. CHEMICAL PRODUCT & COMPANY IDENTIFICATION

Product name	D-815 Carpet Adhesive Series
Product name(s) covered	See Section 16 for Product Names Covered.
MSDS name	D-815 Carpet Adhesive Product Series
CAS number	Mixture
Generic description	Carpet Adhesive
Manufacturer	Bostik, Inc. 211 Boston Street Middleton, MA 01949 USA
24 hour emergency assistance	Telephone: 1-800-227-0332
General assistance	Telephone: 1-978-777-0100
MSDS assistance	Telephone: 1-414-607-1347

2. COMPOSITION / INFORMATION ON INGREDIENTS

Component(s)	CAS #	Percent
Methylene chloride	75-09-2	40 - 70

3. HAZARDS IDENTIFICATION

Emergency overview	Extended contact with this material may cause irritation to the skin, eyes, and mucous membranes. Primary Routes of Exposure: eyes, skin, and inhalation.
Potential health effects	
Skin	Skin Contact: Skin contact may cause irritation. Product contains components which may be absorbed through the skin. Prolonged or repeated skin contact may result in redness, burning sensation or dermatitis.
Eyes	May cause irritation with temporary redness with stinging and tearing.
Inhalation	Inhalation: Inhalation of mist and/or vapor may cause respiratory irritation, dizziness, nausea, or headache.
Ingestion	This product can cause gastrointestinal irritation, nausea, vomiting, and diarrhea. Ingestion of large amounts may be harmful.
Target organs	Kidneys and Liver.
Signs and symptoms of overexposure	Signs and symptoms of overexposure to this product may include nausea, vomiting, diarrhea, respiratory tract irritation, headache, dizziness, drowsiness, weakness, fatigue, unconsciousness, and other central nervous system effects such as irregular heartbeat, elevated carbon monoxide levels in the blood, and death.

4. FIRST AID MEASURES

First aid	
Skin	Remove contaminated clothing to prevent further skin exposure and dispose of properly. Wash affected skin thoroughly with soap and water. In situations involving considerable skin contact, place contaminated person in a deluge shower. After thoroughly washed, seek medical attention immediately. For minor exposures, flush exposed skin for at least 15 minutes with clean water. Once thoroughly washed, seek medical attention if irritation develops or persists after the area is washed.
Eye	Immediately flush with plenty of water for at least 15 minutes, holding eyelids open at all times. Get medical attention immediately.
Inhalation	Remove to fresh air. Get medical attention immediately for a large dose exposure or if cough or other symptoms develop.
Ingestion	If material is ingested, immediately contact a physician or poison control center. Never give anything by mouth to a victim who is unconscious or is having convulsions.
Notes to physician	May aggravate existing heart conditions, particularly those with abnormal heart rhythms. This material, if aspirated into the lungs, may cause chemical pneumonitis; treat the affected person appropriately.

5. FIRE FIGHTING MEASURES

Hazardous combustion products	Decomposition can produce hazardous chemicals. Carbon monoxide, carbon dioxide, chlorine, hydrogen chloride, phosgene, and other unknown products may be produced during combustion.
Extinguishing media	Use dry chemical, carbon dioxide, or foam.
Sensitivity to mechanical impact	None Known
Sensitivity to static discharge	None Known
Unusual fire & explosion hazards	During a fire, irritating and highly toxic gases may be generated during combustion or decomposition. High temperatures can cause sealed containers to rupture due to a buildup of internal pressures. Cool with water. This product contains halogenated solvents that inhibit flashing until the halogenated solvent has been evaporated away. The product may become combustible or flammable after this occurs.
Fire fighting equipment/instructions	Firefighters should wear full protective clothing including self contained breathing apparatus.
Flash point	N.A. (No flash to boiling point.)

Substance Name	% LEL	% UEL	Vapor Pressure (mmHG)
Methylene chloride			400 mmHg at 24 °C

6. ACCIDENTAL RELEASE MEASURES

Emergency action	Appropriate safety measures and protective equipment should be used. See Section 8. Do not discharge to lakes, streams, ponds, or sewers. Dispose of in compliance with local, state, and federal regulations.
Containment	Stop discharge if safe to do so. Contain the discharged material. Absorb with inert absorbent such as dry clay, sand or diatomaceous earth, commercial sorbents, or recover using pumps.
Reporting	See Federal reporting requirements listed in Section 15. We recommend you contact local authorities to determine if there may be other local reporting requirements.

7. HANDLING & STORAGE

Handling	Use this product with adequate ventilation. Wear appropriate protective equipment to avoid contact with skin and eyes. Wash hands after handling and before eating.
Storage	Store in a cool, dry, well-ventilated area away from heat, ignition sources and direct sunlight. Aluminum equipment should not be used for storage and/or transfer of this product.
Empty container precaution	Attention! Follow label warnings even after container is emptied since empty containers may retain product residues. Do not reuse empty container without professional cleaning for food, clothing, or products for human or animal consumption, or where skin contact can occur.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering controls	Use local exhaust ventilation when vapors, mists, or dusts are being generated. Suitable respiratory equipment should be used when insufficient ventilation or operational procedures demand it.
Eye protection	Wear goggles or safety glasses with side shields.
Skin and body protection	Wear impervious/rubber gloves, boots, apron, and protective clothing to prevent skin exposure.
Respiratory protection	None required where adequate ventilation conditions exist. If airborne concentrations are above the applicable exposure limits, use NIOSH approved respiratory protection.
General	Use good industrial hygiene practices in handling this material.

Exposure limits

ACGIH - Threshold Limits Values - Time Weighted Averages (TLV-TWA)

Methylene chloride 75-09-2 50 ppm TWA

U.S. - OSHA - Vacated PELs - Ceilings

Methylene chloride 75-09-2 1000 ppm Ceiling

U.S. - OSHA - Vacated PELs - TWAs

Methylene chloride 75-09-2 500 ppm TWA

9. PHYSICAL & CHEMICAL PROPERTIES

Target solids	40 - 44 %
----------------------	-----------

Density	1 g/cc
Odor	Mildly Sweet
Color	Tan
Physical state	Liquid
Freeze protect	No
VOC (Volatile Organic Compounds)	< 10 g/l

10. STABILITY & REACTIVITY

Incompatibility	Avoid contact with amines, reactive metals such as aluminum and magnesium, strong alkalis and strong oxidizing agents.
Hazardous reactions/decomposition products	If product is burned carbon monoxide, carbon dioxide, chlorine, hydrogen chloride, and phosgene may be formed. Avoid sources of ignition, which can result in thermal decomposition releasing hydrogen chloride and small amounts of phosgene and chloride.
Hazardous polymerization	Will not occur.
Conditions to avoid	Excessive heat over 200°C or cold under 10°C.
Stability	Stable under normal conditions.

11. TOXICOLOGICAL INFORMATION

Toxicological data If any toxicological data is available, it will be listed below:

LD50

Toxicology Data - Selected LD50s and LC50s

Methylene chloride 75-09-2 Oral LD50 Rat: 1410 mg/kg; Dermal LD50 Rat: >2000 mg/kg

Carcinogenicity If this product contains any carcinogens, they will be noted below:

IARC - Group 2B (Possibly Carcinogenic to Humans)

Methylene chloride 75-09-2 Monograph 71 [1999], Supplement 7 [1987]

NIOSH - Pocket Guide - Potential Occupational Carcinogens

Methylene chloride 75-09-2 potential occupational carcinogen

NTP (National Toxicology Program) - Report on Carcinogens - Reasonably Anticipated to be Human Carcinogens

Methylene chloride 75-09-2 Reasonably Anticipated To Be A Carcinogen

U.S. - OSHA - Hazard Communication Carcinogens

Methylene chloride 75-09-2 Present

12. ECOLOGICAL INFORMATION

Ecotoxicological information No data available for this product.

13. DISPOSAL CONSIDERATIONS

It is the obligation of each user of the product mentioned herein to determine and comply with the requirements of all applicable local, state and federal regulations.

Waste disposal This product should not be disposed of in a landfill. Do not discharge to streams, lakes, ponds, or sewers. Disposal of unused portions of this product and process waste containing this product should be done only after a careful evaluation and in compliance with all federal, local, and state laws.

14. TRANSPORT INFORMATION

DOT

Basic shipping requirements:

Proper shipping name Consumer Commodity, ORM-D

IATA

Basic shipping requirements:

UN number UN1593

Proper shipping name Dichloromethane Mixture

Hazard class 6.1

Packing group III

IMDG

Basic shipping requirements:

UN number	UN1593
Proper shipping name	Dichloromethane Mixture
Hazard class	6.1
Packing group	III

15. REGULATORY INFORMATION

This MSDS is prepared and distributed pursuant to the Federal Hazard Communication Standard, 29 CFR 1910.1200.

Federal regulations All components are on the U.S. EPA TSCA Inventory List.

U.S. - CERCLA/SARA - Hazardous Substances and their Reportable Quantities

Methylene chloride 75-09-2 1000 lb final RQ; 454 kg final RQ

U.S. - CERCLA/SARA - Section 313 - Emission Reporting

Methylene chloride 75-09-2 0.1 % de minimis concentration

U.S. - TSCA (Toxic Substances Control Act) - Section 12(b) - Export Notification

Methylene chloride 75-09-2 Section 4, 0.1 % de minimus concentration

State regulations If this product contains any ingredients listed under California Proposition 65, they will be noted below:

U.S. - California - Proposition 65 - Carcinogens List

Methylene chloride 75-09-2 carcinogen, initial date 4/1/88

International regulations This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and contains all the information required by the Controlled Products Regulations.

HMIS Ratings

Health: 2*
Flammability: 1
Physical hazard: 0
Personal protection: X

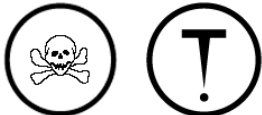
SARA 311/312 HAZARD CATEGORIES

Immediate Hazard - Yes
Delayed Hazard - Yes
Fire Hazard - No
Pressure Hazard - No
Reactivity Hazard - No

WHMIS status

Controlled

WHMIS labeling



WHMIS classification

D1B - Immediate/Serious-TOXIC
D2A - Other Toxic Effects-VERY TOXIC
D2B - Other Toxic Effects-TOXIC

16. OTHER INFORMATION

Product name(s) covered D62485 - D-815 CS&MU ADH 12X1PT/EX-D15

D62490 - D-815 CS&MU ADH 12X1QT/EX-D15

Disclaimer

The data in this MSDS has been compiled from publicly available sources. This data relates only to the designated product and not to the use of said product in combination with other materials. 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 hazards which exist. Responsibility for proper precautions and safe use of the product lies with the user. All data in this MSDS is typical of the product as a whole, and does not represent any individual lot or batch, therefore, Bostik, Inc. makes no warranty about the accuracy of the data herein and assumes no liability for the use of such data. It is the responsibility of the user to comply with all applicable federal, state, and local laws and regulations.

Issue date 06/21/2007

Prepared by Pam Larsen

Supersedes 06/08/2007