



Health 1
 Flammability 1
 Reactivity 0
 PPE X

1 CHEMICAL PRODUCT & COMPANY IDENTIFICATION

Product DP60396
MSDS Name D-2001 ADHESIVE 4X1GL
CAS # Mixture
Generic Description Multipurpose Adhesive
Manufacturer BOSTIK FINDLEY, INC.
 211 Boston Street
 Middleton , MA 01949 USA

24 Hour Emergency Assistance
 Phone: 1-800-227-0332

General Assistance
 Phone: 1-978-777-0100

MSDS Assistance
 Phone: 1-978-777-0100

2 COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS Number	Percentage
MINERAL SPIRITS	8052-41-3	1 - 5
ETHYLENE GLYCOL	107-21-1	1 - 5
Non-hazardous and other ingredients below reportable levels	Proprietary	Balance

3 HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Extended contact with this material may cause irritation to the skin, eyes, and mucous membranes.

POTENTIAL HEALTH EFFECTS

Skin Contact: Prolonged or repeated skin contact may cause irritation.

Eye Contact: May cause irritation with temporary redness with stinging and tearing.

INHALATION: If heated or inhaled, this product may be irritating to upper respiratory system.

INGESTION: This product may be harmful if it is swallowed. This product can cause gastrointestinal irritation, nausea, vomiting, and diarrhea.

TARGET ORGANS

Skin. Eyes. Respiratory System.

4 FIRST AID MEASURES

SKIN

For skin contact, wash immediately with soap and water. If irritation persists, get medical attention.

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 if cough or other symptoms develop.

INGESTION

If ingested, get immediate medical attention. Do not induce vomiting unless instructed to do so by medical personnel. Never give anything by mouth to a victim who is unconscious or is having convulsions.

NOTES TO PHYSICIAN

Treat symptomatically and supportively. Contact Bostik Findley to determine whether any additional information is available.

5 FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA

Use dry chemical, carbon dioxide, or foam.

DUST EXPLOSION HAZARD

None Known

SENSITIVITY TO MECHANICAL IMPACT

None Known

SENSITIVITY TO STATIC DISCHARGE

None Known

FIRE FIGHTING EQUIPMENT/INSTRUCTIONS

Firefighters should wear full protective clothing including self contained breathing apparatus.

Flash Point > 200 F (> 93 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

Isolate spill area. Stop discharge if safe to do so. Stop material from contaminating soil or from entering sewers or water streams. Cover spills with absorbant clay or sawdust and place in closed chemical waste containers. Use caution to avoid falls. Spilled adhesive is very slippery.

7 HANDLING & STORAGE

For Commercial Use Only - Not Packaged or Labeled for Home Use!

HANDLING

Wash hands after handling and before eating.

STORAGE

Do not freeze. Store under normal working temperatures in a well-ventilated area. Do not pressurize drums.

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 with adequate ventilation.

EYE PROTECTION: PERSONAL PROTECTION EQUIPMENT (PPE)

Wear goggles or safety glasses with side shields.

SKIN PROTECTION: PERSONAL PROTECTION EQUIPMENT (PPE)

Wear protective impervious gloves to minimize skin exposure.

RESPIRATORY PROTECTION: PERSONAL PROTECTION EQUIPMENT (PPE)

Under normal conditions, respirator is not normally required.

GENERAL

Eyewash fountains and emergency showers should be readily available.

EXPOSURE LIMITS

ACGIH 2000 - Time Weighted Averages

MINERAL SPIRITS	8052-41-3	100 ppm TWA
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OSHA - Vacated PELs - Ceiling Limits

ETHYLENE GLYCOL	107-21-1	C 50 ppm; C 125 mg/m3
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OSHA - Vacated PELs - Time Weighted Averages

MINERAL SPIRITS	8052-41-3	100 ppm TWA; 525 mg/m3 TWA
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9 PHYSICAL & CHEMICAL PROPERTIES

Boiling Point	210 - 220 F (99 - 104 C)
Vapor Pressure	17.5
Target Solids	73 %
Density	1.55 g/cc
Odor Threshold	NA
Octanol/Water Coefficient	NA

Odor	Sweet
Color	Off-white
Physical State	Paste
Freeze Protect	Yes

10 STABILITY & REACTIVITY

STABILITY/INCOMPATIBILITY

Stable under normal conditions.

HAZARDOUS REACTIONS/DECOMPOSITION PRODUCTS

If product is burned hazardous gases such as oxides of carbon and nitrogen and various hydrocarbons may be produced.

HAZARDOUS POLYMERIZATION

Will not occur.

CONDITIONS TO AVOID

Avoid Strong Oxidizers. and Caustics.

11 TOXICOLOGICAL INFORMATION

LD50

NIOSH - Selected LD50s and LC50s

ETHYLENE GLYCOL	107-21-1	Inhalation LC50 Rat : 10876 mg/kg; Oral LD50 Rat : 4700 mg/kg; Oral LD50 Mouse : 5500 mg/kg; Dermal LD50 Rabbit : 9530 uL/kg
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CARCINOGENICITY

This product itself is not a listed carcinogen by OSHA, IARC or NTP.

12 ECOLOGICAL INFORMATION

VOC (Volatile Organic Compounds) 123 g/l

ECOTOXICOLOGICAL INFORMATION

No data available for this product.

13 DISPOSAL CONSIDERATIONS

We make no guarantee or warranty of any kind that the use or disposal of this product complies with all local, state, or federal laws. It is also the obligation of each user of the product mentioned herein to determine and comply with the requirements of all applicable statutes.

WASTE DISPOSAL

This product as supplied is not considered a hazardous waste under RCRA. Liquid adhesive 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

MSDS Number	24094	Product	DP60396
Label Number	24094	NA = Not Available	ND = Not Determined

Proper Shipping Name Non-Regulated
DOT Restrictions Not Applicable

15 REGULATORY INFORMATION

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

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

FEDERAL REGULATIONS

CERCLA/SARA - Hazardous Substances and their Reportable Quantities

ETHYLENE GLYCOL 107-21-1 final RQ = 5000 pounds (2270 kg)

Based on an evaluation of the components used, this product does contain hazardous ingredients identified as per 29 CFR 1910.1200.

STATE REGULATIONS

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

INTERNATIONAL REGULATIONS

This is a "controlled product" under the Canadian Workplace Hazardous Materials Information System (WHMIS). Class D Division 2 Sub-division B.

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.

SARA 302 EXTREMELY HAZARDOUS SUBSTANCES

Not Regulated

SARA 311/312 HAZARD CATEGORIES

Immediate Hazard	No
Delayed Hazard	No
Fire Hazard	No
Pressure Hazard	No
Reactivity Hazard	No

WHMIS RATINGS

Compressed Gas		Flammable/Combustible	Oxidizer	Acutely Toxic
Other Toxic Effects	X	Bio Hazardous	Corrosive	Dangerously Reactive

16 OTHER INFORMATION

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 Findley, 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
Prepared By

25-Jan-2002
Aurora Flores

Supersedes New