

SAFETY DATA SHEET



Creation Date: 5/30/08

Revision Date: 7/27/15

1. Product Identification

PRODUCT TYPE..... Hot Melt Adhesive
 PRODUCT NAME..... 37-251
 USE OF PRODUCT Windowing, case & carton plastic to plastic applications
 MANUFACTURER Capital Adhesives and Packaging Corp
 1260 Old State Rd 67 South
 Mooresville, IN 46158
 USA
 Tel 317-834-5415 Fax 317-834-5425
 Hours of operation: Mon-Fri 8:30am-5:00pm EST
 EMERGENCY PHONE NUMBERS 24 HR. 317-694-5512
 317-210-7198

2. Hazards Identification**GHS CLASSIFICATION: According to regulation Appendix D 1910.1200**

Health	Environmental	Physical
Acute Toxicity: Category 5	Acute Toxicity: No	Flammability: No
Skin irritation: Category 2	Chronic Toxicity: No	Molten adhesive may cause severe burns. Vapors may cause eye, skin respiratory irritation
Skin Sensitization: 1		
Eye: Category 2B		

GHS Label:



Signal Word: Warning, irritant

Hazard Statements:

H303: May be harmful if swallowed
 H316: May cause mild skin irritation
 H320: Causes eye irritation

Precautionary Statements:

P261: Avoid breathing dust/fume/gas/mist/vapours/spray.
 P264: Wash hands thoroughly after handling
 P270: Do not eat drink or smoke when using this product
 P314: Get medical advice/attention if you feel unwell
 P313: If skin irritation occurs get medical attention/advice.
 P337: If eye irritation occurs rinse with water/seek medical attention if needed.

3. Composition of Ingredients

Hazardous ingredients	CAS#	Content%	Exposure limits
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4,4 Diphenylmethane Diisocyanate	101-68-8	4-7	0.005ppm ACGIH TWA 0.02ppm OSHA CEIL

Information on Ingredients:

This material does not contain any hazardous substances at or above OSHA and WHMIS reportable levels.

Substances listed as HAPS and California prop 65 carcinogens or reproductive toxins in section 15 are contained below 0.1% and are inextricably bound in the product.

Recommended HMIS III Rating: 110B

4. First Aid Measures

Eyes..... If contacted with molten adhesive, cool eyes with Water, do not remove adhesive. Get immediate medical attention

* NOTE: Mild Irritant on Eyes.

Skin Contact..... If contacted with molten adhesive cool skin with water. Do not remove contaminated clothing. Cover with gauze or clean wet cloth. Get immediate medical attention.

Inhalation Remove to fresh air. If not breathing give CPR and seek immediate medical attention.

Ingestion Call poison control center, follow their specific instructions. Do not induce vomiting.

5. Fire Fighting Measures

Flash Point.....>400°F

Flammable limits in Air (Lower) Not applicable

Flammable Limits in Air (Upper) Not Applicable

Auto-ignition Not Applicable.

Special Fire Fighting Procedures Fire fighters should be equipped with self-contained breathing apparatus to protect against potentially toxic and irritating fumes.

Fire & Explosion Hazards..... Combustion will evolve toxic and irritant vapors /
..... water isocyanate reaction may be vigorous.

Hazardous Combustion Products.....Carbon monoxide, carbon dioxide, unknown hydrocarbons

NFPA Flammability Hazard Class..... 1 = Slight

6. Accidental Release Measures

Spill or Leak Procedures..... Evacuate and ventilate spill area. Dike spill with absorbent materials and shovel into open containers, remove to well ventilated area. Neutralize with mixture of water and 3-8% ammonium hydroxide.

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Waste Disposal Methods Waste disposal should be in accordance with existing federal, state and local environmental regulations..

7. Handling and Storage

Handling/Storage Keep from elevated temperatures, store in a cool dry area between 0-90°F. Avoid prolonged inhalation of vapors. Avoid contact with molten material.

8. Exposure Controls / Personal Protection

Conditions under Which PPE Required Normal Work Conditions
Eye Protection Requirements Wear Safety Glasses with Side Shields.
Glove Requirements Nitrile or Neoprene gloves, if desired
Clothing Requirements Not Required
Change/Removal of Clothing Not Required
Wash Requirements Not Required
Respirator Requirements Not Required, under normal use
Engineering Controls Good, general ventilation
HMIS III PPE Rating B
Exposure Guidelines 4,4 Diphenylmethane Diisocyanate, 0.005ppm ACGIH
TWA
0.02ppm OSHA CEIL

9. Physical and Chemical Properties

Pure Material or Mixture Mixture
Physical Form Solid
Appearance/Physical Description Off White solid
Odor negligible
PH as is not applicable
Boiling Point Not Applicable
Freezing Point Not Applicable
Solubility in Water Insoluble
Specific Gravity (Water =1) 1.12
Bulk Density 9.3 lb/gal
Volatiles Nil
Evaporation Rate Not Applicable
Vapor Pressure (mmHg) Not Applicable
Vapor Density (Air = 1) Not Applicable
Viscosity 4000-8000 mPa.s (Brookfield @ 250°F)
Volatile Organic Compounds Negligible

10. Stability and Reactivity

Stability Stable at normal temperatures and storage conditions
Incompatibilities Organic acids and strong oxidizing agents.

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NFPA Reactivity Hazard Class 0=Insignificant
Hazardous Decomposition Products Isocyanate vapor and mists, Carbon Monoxide,
Carbon Dioxide, Unknown Hydrocarbons
Hazardous Polymerization May Occur

11. Toxicological Information

Acute Eye Toxicity No information is available
Acute Skin Toxicity No information is available
Acute Inhalation Toxicity Aerosol may be irritating
Acute Oral Toxicity No Information is available
Chronic/Carcinogenicity This material does not contain 0.1% or more of any chemical listed by the International Agency for Research on Cancer (IARC) , The National Toxicology Program (NTP), or regulated by the United States Occupational Safety and Health Administration (OSHA) as a carcinogen.

12. Ecological Information

Ecotoxicity No information is available
Environmental Fate No information is available

13. Disposal Considerations

Waste Disposal Method Not a RCRA hazardous waste. Disposal of this material is not regulated under RCRA. Consult federal, state and local regulations to ensure that this material and its containers is disposed of in compliance with all regulatory requirements.

14. Transport Information

DOT SHIPPING NAME * Other Regulated Substances, Liquid, N.O.S.
(Diphenylmethane Diisocyanate) UN# *NA3077
DOT HAZARD CLASS *9
PACKAGING GROUP *III
DOT REPORTABLE QUANTITY 84,874 lbs
LABELS REQUIRED *Class 9 for shipments above listed RQ

15. Regulatory Information

U.S. Federal Regulations;

OSHA This material is not classified as hazardous under the criteria of the US Occupational Safety and Health Administration (OSHA) Hazard Communication Standard, 29 CFR 1910.1200

TSCA ALL Components are on the TSCA Inventory.

CERCLA 5000# for 4, 4' -Diphenylmethane Diisocyanate

SAFETY DATA SHEET
(CAS# 101-68-8)

SARA 302.....This material does not contain any SARA extremely hazardous substances.

SARA 311/312.....311/312 Hazard Class This material does not present any SARA 311/312 hazards.

SARA Title III: Section 313 Toxic Chemical List:

This product may contain the following substances at or above de minimus concentrations:

Chemical	CAS No.	Wt %	Exposure Limits
4,4 Diphenylmethane Diisocyanate	101-68-8	4-7	0.005ppm ACGIH TWA 0.02ppm OSHA CEIL

HAPS/VOCs:

U.S. State Regulations:

California Proposition 65..... This product contains trace amounts of chemicals known to the State of California to cause cancer and reproductive toxicity: none

Massachusetts Substance List.....This material contains no listed components.

New Jersey Right-to-Know hazardous Substance list.....this material contains no listed components.

Pennsylvania Right-to-Know hazardous Substance list.....this material contains no listed components.

Canadian Regulations:

WHMIS Hazard classes..... none

DSL Status.....This material or its components are listed on the Canadian Domestic Substances list.

Non-DSL Components.....This material does not contain any non-DSL chemicals.

Canadian Ingredient Disclosure list.....This material does not contain listed components.

16. Other information

“OUR SERVICE ENGINEERS ARE AVAILABLE TO HELP PURCHASERS OBTAIN BEST RESULTS FROM OUR PRODUCT, AND RECOMMENDATIONS ARE BASED ON TEST AND INFORMATION BELIEVED TO BE RELIABLE. HOWEVER, WE HAVE NO CONTROL UNDER WHICH OUR PRODUCTS ARE TRANSPORTED TO, STORED, HANDLED, OR USED BY PURCHASERS AND, IN ANY EVENT, ALL RECOMMENDATIONS AND SALES ARE MADE ON CONDITION THAT WE WILL NOT BE HELD LIABLE FOR ANY DAMAGES RESULTING FROM THEIR USE. NO REPRESENTATIVE OF OUR HAS ANY AUTHORITY TO WAIVE OR CHANGE THIS PROVISION.”