

# MATERIAL SAFETY DATA SHEET

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HMIS HAZARD RATING	
Health	2
Fire	3
Reactivity	0
Personal Protection	B

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Revised:  
By: Richard Lauterbach

## SECTION 1: PRODUCT IDENTIFICATION

Product Name: **DAUBOND 5269**  
Chemical Family: **Modified Acrylic Resin**  
Material Usage: **One Component Adhesive/Primer**

## SECTION 2: HAZARDOUS INGREDIENTS

Component	Wt%	Recommended Exposure Limits (TWA)
Methyl Ethyl Ketone CAS #78-93-3	30-40	OSHA PEL: 200 ppm ACGIH TLV: 200 ppm
Ethyl Alcohol CAS #64-17-5	20-25	OSHA PEL: 1000 ppm ACGIH TLV: 1000 ppm
n-Butyl Alcohol CAS #371-23-8	20-25	OSHA PEL: 200 ppm ACGIH TLV: 200 ppm (skin)

[1] See Section 3.

## SECTION 3: HEALTH HAZARD INFORMATION

**Primary Routes of Entry:** Inhalation, skin absorption.

**Acute Effects:** Skin, eye, and respiratory irritation, possibly severe. Excessive inhalation may produce CNS depression (dizziness, nausea, headache, incoordination) which could progress to coma and death.

**Chronic Effects:** Prolonged or repeated skin contact may defat the skin and cause dermatitis; allergic reactions may arise in sensitive individuals.

**Carcinogenicity:** None of the components of this product are listed as carcinogens by NTP, IARC, or OSHA 1910 (Z).

**Pre-Existing Medical Conditions Aggravated by Exposure:** Dermatitis

#### SECTION 4: FIRST AID PROCEDURES

**Inhalation:** Move victim to fresh air and call emergency medical care. If not breathing, give artificial respiration; if breathing is difficult, give oxygen.

**Eyes:** In case of contact with material, immediately flush eyes with running water for at least 15 minutes. Seek immediate medical attention.

**Skin:** Wash skin with soap and water. Remove and isolate contaminated clothing and shoes at the site.

**Ingestion:** DO NOT INDUCE VOMITING. Consult a physician. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs.

#### SECTION 5: FIRE AND EXPLOSION HAZARD DATA

**Flash Point:** 16 °F. (TCC)

**Explosive Limits:** LEL = 1.2 UEL = 19.0

**EXTINGUISHING MEDIA:** Small Fires: Dry chemical, CO<sub>2</sub>, water spray, or alcohol-resistant foam. Large Fires: Water spray, fog, or alcohol-resistant foam. Move container from fire area if you can do it without risk. Apply cooling water to sides of containers that are exposed to flames until well after fire is out. Stay away from ends of tanks. For massive fire in cargo area, use unmanned hose holder or monitor nozzles. If this is impossible, withdraw from area and let fire burn. Withdraw immediately in case of rising sound from venting safety device or any discoloration of tank due to fire.

**Special Firefighting Protection/Emergency Action:** Fire may produce irritating or poisonous gases. Positive pressure self-contained breathing apparatus (SCBA) and structural firefighters' protective clothing will provide limited protection. Keep unnecessary people away; isolate hazard area and deny entry. Stay upwind; keep out of low areas. Isolate for 1/2 mile in all directions if tank, rail car or tank truck is involved in fire. If runoff from fire control occurs, notify the appropriate authorities.

**Unusual Fire/Explosion Hazards:** Flammable/combustible material; may be ignited by heat, sparks or flame. Vapors may travel to a source of ignition and flash back. Container may explode in heat of fire. Vapor explosion hazard indoors, outdoors or in sewers. Runoff to sewer may create fire or explosion hazard.

**Products of Combustion:** Carbon monoxide, carbon dioxide, miscellaneous hydrocarbons.

#### SECTION 6: SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES

**Steps to be Taken in case Material is Released or Spilled:** Shut off ignition sources; no flares, smoking or flames in hazard area. Stop leak if you can do it without risk.

**Small Spills:** Take up with sand or other noncombustible absorbent material and place into containers for later disposal.

**Large Spills:** Dike far ahead of liquid spill for later disposal.

## SECTION 7: SAFE HANDLING INFORMATION

**Precautions To Be Taken In Handling/Storage:** Store in cool, well-ventilated area. Keep away from flames, sparks or hot surfaces. Never use a torch to cut or weld on or near container. Empty containers can contain explosive vapors. **Other Precautions:** Never wear contaminated clothing. Launder or dry clean before wearing. Discard oil-soaked shoes. Wash thoroughly with soap and water (waterless hand cleaner may be helpful in removing residues) after use and before smoking or eating. Avoid excessive skin contact.

## SECTION 8: EXPOSURE CONTROLS

**Respiratory Protection:** NIOSH-approved respirator for organic vapor and mist to control exposure where ventilation is inadequate.

**Ventilation:** General and local exhaust.

**Personal Protective Equipment:** Protective Gloves: Impervious gloves (Viton, PVOH, etc.). Eye Protection: Safety glasses with sideshields or chemical goggles. Other Protective Clothing or Equipment: If splashing is anticipated, wear rubber apron and boots or other protective equipment to minimize contact.

## SECTION 9: REACTIVITY HAZARD DATA

**Stability:** Stable

**Incompatibility:** Strong acids, bases, oxidizers.

**Hazardous Decomposition Products:** Carbon monoxide, carbon dioxide, miscellaneous hydrocarbons.

**Hazardous Polymerization:** Will not occur.

## SECTION 10: PHYSICAL AND CHEMICAL PROPERTIES

Color: Clear

Appearance: Liquid

Odor: Ketone

Boiling Point (initial): 165 °F.

Evaporation Rate (n-Butyl Acctate=1): 4.6

Vapor Pressure (mmHg @ 20 °C): 85

Vapor Density (air=1): >1

Solubility in Water: Appreciable

Specific Gravity: 0.88 ± 0.02

pH: Not Applicable

Percent Volatile by Volume: 88 ± 1

**SECTION 11: DISPOSAL CONSIDERATIONS**

**Waste Disposal Methods:** Dispose of in accordance with state, local and federal regulations. Materials may become a hazardous waste through use. If permitted, incineration may be practiced.

**SECTION 12: REGULATORY INFORMATION**

**Volatile Organic Content: (Calculated Values)**

VOC per liter: 723 grams/liter  
VOC per liter minus exempt solvents & water: 723 grams/liter  
VOC Vapor Pressure: 85 mmHg @ 20 °C

**EPA Hazardous Waste Number(s) (40 CFR Part 261):** U159/D001/U220

**EPA Hazard Category (40 CFR Part 370):** IMMEDIATE (ACUTE)  
FIRE (COMBUSTIBLE)

**SARA TITLE III:**

This product contains the following TOXIC CHEMICALS subject to the Reporting Requirements of Sec. 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986, and of 40 CFR Part 372:

Chemical	CAS No.	Wt%
Methyl Ethyl Ketone	78933	35.0

This product contains the following EXTREMELY HAZARDOUS SUBSTANCE(S) subject to Emergency Planning Requirements under Sec. 301-303 (40 CFR Parts 300 and 355) and Emergency Release Notification Requirements under Sec. 304:

Chemical	CAS No.	Wt%	RO/TPO Lbs
NONE			

This product contains the following (CERCLA LIST) HAZARDOUS SUBSTANCE(S) subject to Emergency Release Notification Requirements under Sec. 304 (40 CFR Part 302):

Chemical	CAS No.	Wt%	Final RO Lbs
Methyl Ethyl Ketone	78933	35.0	5000
Ethyl Alcohol	64-17-5	21.8	100/1
n-Butyl Alcohol	371-23-8	20.4	1/100

**CALIFORNIA PROPOSITION 65:**

This product may contain trace quantities of the following chemicals that are identified by the State of California under the Safe Drinking Water and Toxic Reinforcement Act of 1986 ("Proposition 65") as either a carcinogenic or reproductive hazard:

Chemical	CAS No.	Estimated Concentration %
None		

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