

# Safety Data Sheet



according to OSHA Hazard Communication  
29 CFR Part 1910.1200

## Section 1. Identification

**Product Information:** 45W-D001

**Product Name:** WHITE EPOXY ADHESIVE-PART A

**Recommended Use:** See Technical Data Sheet

**Application Method:** Surface Paint

**Supplied by:** Aexcel Corporation  
7373 Production Drive.  
Mentor, OH 44060

**Emergency Telephone:** Chemtrec: 800-424-9300

**Safety Data Sheet Coordinator:** mmann@aexcelcorp.com

## Section 2. Hazard(s) identification

**EMERGENCY OVERVIEW:** Skin and eye irritant.

### GHS Classification

Eye Irrit. 2B, Skin Sens. 1

### Symbol(s) of Product



### Signal Word

Warning

### Possible Hazards

69% of the mixture consists of ingredients of unknown acute toxicity

### GHS HAZARD STATEMENTS

Eye Irritation, category 2B	H320	Causes eye irritation.
Skin Sensitizer, category 1	H317	May cause an allergic skin reaction.

### GHS LABEL PRECAUTIONARY STATEMENTS

P251	Do not pierce or burn, even after use.
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P264	Wash thoroughly after handling.
P272	Contaminated work clothing should not be allowed out of the workplace.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352	IF ON SKIN: Wash with plenty of water.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P337+P313	If eye irritation persists: Get medical advice/attention.

### GHS SDS PRECAUTIONARY STATEMENTS

P363

Wash contaminated clothing before reuse.

### Section 3. Composition/Information on ingredients

<u>Chemical Name</u>	<u>CAS-No.</u>	<u>Wt. %</u>	<u>GHS Symbols</u>	<u>GHS Statements</u>
BISPHENOL-A-EPOXY RESIN	25068-38-6	50-75	GHS07	H317-320

The text for GHS Hazard Statements shown above (if any) is given in the "Other information" Section.

### Section 4. First-aid measures



**FIRST AID - INHALATION:** Move to fresh air. Oxygen or artificial respiration if needed.

**FIRST AID - SKIN CONTACT:** Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes.

**FIRST AID - EYE CONTACT:** Flush eye(s) immediately with plenty of water.

**FIRST AID - INGESTION:** Consult a physician. Prevent vomiting if possible.

### Section 5. Fire-fighting measures

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Remove all sources of ignition.

**SPECIAL FIREFIGHTING PROCEDURES:** Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**EXTINGUISHING MEDIA:** Carbon Dioxide, Foam

### Section 6. Accidental release measures

**STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:** Soak up with inert absorbent material. Sweep up and shovel into suitable containers for disposal.

### Section 7. Handling and storage



**HANDLING:** Containers of this material may be hazardous when emptied. Do not re-use empty containers. Keep away from food and drink. Keep out of reach of children.

**STORAGE:** Harmful - Store away from foodstuffs. For Industrial Use Only

### Section 8. Exposure controls/personal protection

#### Ingredients with Occupational Exposure Limits

<u>Chemical Name</u>	<u>ACGIH TLV-TWA</u>	<u>ACGIH-TLV STEL</u>	<u>OSHA PEL-TWA</u>	<u>OSHA PEL-CEILING</u>
BISPHENOL-A-EPOXY RESIN	NE	NE	NE	NE

Further Advice: MEL = Maximum Exposure Limit OES = Occupational Exposure Standard SUP = Supplier's Recommendation  
Sk = Skin Sensitizer N.E. = Not Established

**Personal Protection****RESPIRATORY PROTECTION:** In the case of respirable dust and/or fumes, use self-contained breathing apparatus.**SKIN PROTECTION:** Impervious gloves.**EYE PROTECTION:** Safety glasses with side-shields.**OTHER PROTECTIVE EQUIPMENT:** Impervious clothing.**HYGIENIC PRACTICES:** General industrial hygiene practice.**Section 9. Physical and Chemical Properties**

<b>Boiling Range (F):</b>		<b>Vapor Density:</b>	NE
<b>Odor:</b>	Characteristic	<b>Odor Threshold:</b>	NE
<b>Appearance:</b>	Heavy Liquid	<b>Evaporation Rate:</b>	NE
<b>Solubility in Water:</b>	NE	<b>Specific Gravity:</b>	1.429
<b>Freeze Point:</b>	NE	<b>pH:</b>	NE
<b>Vapor Pressure (mm Hg):</b>	NE	<b>Viscosity:</b>	NE
<b>Physical State:</b>	Liquid	<b>Flash Point, °C:</b>	252, °F 485.6

(See section 16 for abbreviation legend)

<u>CHEMICAL NAME</u>	<u>VAPOR DENSITY</u>	<u>EVAPORATION RATE</u>	<u>BOILING POINT</u>	<u>VP mmHg</u>	<u>at DEG. F</u>
BISPHENOL-A-EPOXY RESIN	NE	NE	0	NE	NE

**Section 10. Stability and reactivity****STABILITY:** Stable under normal conditions. Stable if used as directed.**CONDITIONS TO AVOID:** Avoid contact with skin, eyes and clothing.**INCOMPATIBILITY:** Incompatible with strong acids and oxidizing agents.**HAZARDOUS DECOMPOSITION PRODUCTS:** No decomposition if stored and applied as directed.**Section 11. Toxicological information****Practical Experiences****EFFECT OF OVEREXPOSURE - INHALATION:** Inhalation may cause intense irritation to the respiratory tract (nose, mouth, mucous membranes). Use in inadequately ventilated areas may result in irritation headache and nausea.**EFFECT OF OVEREXPOSURE - SKIN CONTACT:** Direct skin contact may cause moderate to severe irritation and possibly dermatitis. Local ventilation of emission sources may be necessary to maintain ambient concentrations below recommended exposure limits.**EFFECT OF OVEREXPOSURE - EYE CONTACT:** Mist and vapors may cause eye irritation.**EFFECT OF OVEREXPOSURE - INGESTION:** Ingestion may cause irritation to mucous membranes.

**CARCINOGENICITY:** No Information

### Acute Toxicity Values

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

<u>CAS-No.</u>	<u>Name according to EEC</u>	<u>Oral LD50</u>	<u>Dermal LD50</u>	<u>Vapor LC50</u>
25068-38-6	BISPHENOL-A-EPOXY RESIN	N.I.	N.I.	N.I.

N.I. - No Information

## Section 12. Ecological information

**ECOLOGICAL INFORMATION:** Do not contaminate ponds, waterways or ditches with chemical or used container. Do not contaminate water.

## Section 13. Disposal considerations



Product

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

**STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:** Soak up with inert absorbent material. Sweep up and shovel into suitable containers for disposal.

## Section 14. Transport information

**SPECIAL TRANSPORT PRECAUTIONS:** No Information

<b>DOT Proper Shipping</b>	Non-Regulated	<b>Packing Group:</b>	Non-Regulated
<b>DOT Technical Name:</b>	Paint	<b>Hazard SubClass:</b>	No Information
<b>DOT Hazard Class:</b>	Non-Hazardous	<b>Resp. Guide Page:</b>	NE
<b>DOT UN/NA Number:</b>	Non-Regulated		

## Section 15. Regulatory information

### 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:

Respiratory or Skin Sensitization

#### SARA SECTION 312:

<u>Chemical Name</u>	<u>CAS-No.</u>
BISPHENOL-A-EPOXY RESIN	25068-38-6

#### 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:

No SARA 313 components exist in this product.

#### TOXIC SUBSTANCES CONTROL ACT:

All components of this material are listed on the US Toxic Substance Control Act (TSCA inventory).

**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.

<u>Chemical Name</u>	<u>CAS-No.</u>
HYDRATED MAGNESIUM SILICATE	14807-96-6
TITANIUM DIOXIDE	13463-67-7
PROPYLIDYNETRIMETHANOL	77-99-6

**PENNSYLVANIA RIGHT-TO-KNOW**

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

<u>Chemical Name</u>	<u>CAS-No.</u>
HYDRATED MAGNESIUM SILICATE	14807-96-6
TITANIUM DIOXIDE	13463-67-7

**CALIFORNIA PROPOSITION 65 CARCINOGENS****WARNING**

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

<u>Chemical Name</u>	<u>CAS-No.</u>
TITANIUM DIOXIDE	13463-67-7

**CALIFORNIA PROPOSITION 65 REPRODUCTIVE TOXINS**

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:**

All components of this material are listed on the Domestic Substance List.

**WHMIS Class:** No Information

**Section 16. Other information, including date of preparation of the last revision**

**Revision Date:** 4/3/2024 **Supersedes Date:** 3/3/2022

**Reason for revision:** Substance Hazardous Flag Changed  
 Substance Hazard Threshold % Changed  
 Substance and/or Product Properties Changed in Section(s):  
 02 - Hazards Identification  
 15 - Regulatory Information  
 Revision Statement(s) Changed

**Datasheet produced by:** Regulatory Department

**HMIS Ratings:**

<b>Health:</b>	1	<b>Flammability:</b>	0	<b>Reactivity:</b>	0	<b>Personal Protection:</b>	X
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**Volatile Organic Compounds, gr/ltr:** 0

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

H317 May cause an allergic skin reaction.

H320

Causes eye irritation.

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

GHS07



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

No Information