



D-Prime Part A

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 /
Rules and Regulations

Revision Date: N/A

Date of Issue: 09/22/2025

Version1.0

SECTION 1: IDENTIFICATION

Product Identifier

Product Form: Paste

Product Name: D-Prime Part A

Product Code: DD-Pr2-A01

Intended Use of the Product

Epoxy primer

Name, Address, and Telephone of the Responsible Party

Manufacturer

The Garland Company, Inc.
3800 East 91st Street
Cleveland, Ohio 44105-2197
T-800-762-8225
F-216-641-0633
www.garlandco.com

Supplier

The Garland Company, Inc.
3800 East 91st Street
Cleveland, Ohio 44105-2197
T-800-762-8225
F-216-641-0633
www.garlandco.com

The Garland Company, Inc.
209 Carrier Drive
Toronto, Ontario M9W 5Y8
T-416-747-7995 ; 800-387-5991
F-416-747-1980

Emergency Telephone Number

Emergency Number: 1-800-262-8200 (CHEMTREC)

SECTION 2: HAZARDS IDENTIFICATION

Classification (GHS-US)

Skin Irrit. 2	H315
Skin Sens. 1	H317
Eye Irrit. 2A	H319
Aquatic Chronic 2	H411

Label Elements

GHS-US Labeling

Hazard Pictograms (GHS-US)



Signal Word (GHS-US)

: Danger

Hazard Statements (GHS-US)

: H315 - Causes skin irritation
H317-May cause an allergic skin reaction H319-Causes serious eye irritation
H411 - Toxic to aquatic life with long lasting effects

D-Prime Part A

Safety Data Sheet

According to Federal Register/Vol. 77, No. 58/Monday, March 26, 2012/Rules and Regulations

Revision Date: N/A Date of issue: 09/22/2025

Precautionary Statements (GHS-US) : P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.
P264 - Wash face, hands and any exposed skin thoroughly after handling.
P272 - Contaminated work clothing should not be allowed out of the workplace.
P273 - Avoid release to the environment.
P280 - Wear eye protection, face protection, protective clothing, protective gloves
P302+352 - IF ON SKIN: Wash with plenty of soap and 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.
P321 - Specific treatment (see supplemental instructions on the administration of antidotes on this label).
P332+313 - If skin irritation occurs: Get medical advice/attention.
P333 + P313 - If skin irritation or rash occurs: Get medical advice/attention. P337 + P313 - If eye irritation persists: Get medical advice/attention.
P362 - Take off contaminated clothing and wash before reuse. P363 - Wash contaminated clothing before reuse.
P501 - Dispose of contents/container according to local, regional, national, and international regulations

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Component

Hazardous Components	CAS No.	Classification (GHS-US)
Bisphenol a- (epichlorohydrin)	25085-99-8	Skin Irrit. 2, H315 Skin Sens. 1, H317 Eye Irrit. 2A, H319 Aqua. Chron. 2, H411
Alkyl Glycidyl Ether	68609-97-2	Skin Irrit. 2, H315 Skin Sens. 1, H317

*Indicates toxic chemicals subject to the reporting requirements of section 313 of Title III and of 40 CFR 372. Information concerning non-hazardous ingredients is considered a trade secret.

Primary Route of Exposure: Skin ☒ Inhalation ☒ Eye ☒ Ingestion ☒

Health Effect Information

Eye Contact: May cause eye irritation if wiped or rubbed into eyes. Can injure eye tissue, which may result in permanent damage.

Skin Contact: May cause skin irritation if wiped or left on the skin. Repeated or prolonged contact with skin may cause sensitization.

Inhalation: May cause irritation of respiratory tract which may result in sinusitis, bronchitis, or asthma. Breathing vapors may cause central nervous system depression.

Ingestion: Moderately toxic. Ingestion may cause symptoms similar to those of inhalation.

Chronic Hazards: No known components of this product are listed as known or suspected carcinogens per NIOSH, NTP, IARC, or OSHA. Preexisting respiratory or skin condition(s) may be aggravated by exposure. **Medical**

Conditions Aggravated by Exposure: Prolonged exposure to solvents may aggravate allergic reactions to nose, throat and lungs.

SECTION 4: FIRST AID MEASURES

Description of First Aid Measures

Eye Contact: Immediately flush with copious amounts of lukewarm water for at least 15 minutes. Have eyes examined and treated by medical personnel.

Skin Contact: Dry skin with paper towel or similar. Wash affected skin thoroughly with soap and water. Immediately remove contaminated clothing. Wash contaminated clothing before reuse. Get medical attention if any discomfort continues. Wash contaminated clothes before reuse.

D-Prime Part A

Safety Data Sheet

According to Federal Register/Vol. 77, No. 58/Monday, March 26, 2012/Rules and Regulations

Revision Date: N/A Date of issue: 09/22/2025

Inhalation: Move the exposed person to fresh air at once. When breathing is difficult, properly trained personnel may assist affected person by administering 100% oxygen. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

Ingestion: If swallowed, Do Not induce vomiting. Give victim a glass of water or milk. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person. Should vomiting occur, be sure to keep victim's head below hips to avoid aspiration of vomitus into lungs

Notes for the doctor: Provide general supportive measures and treat symptomatically.

SECTION 5: FIRE-FIGHTING MEASURES

Flammable Properties

Flash Point(Setaflash Closed Cup): 200°F

Lower Explosive Limit: N/A

Upper Explosive Limit: N/A

Autoignition Temperature: N/D

Extinguishing Media: Foam, CO2, Dry Chemical, Water, Fog

Unusual fire and explosion hazards: Fire produces irritating or poisonous gas. Liquid is combustible when hot. Can form explosive mixtures at temperatures at or above the flashpoint. "Empty" containers retain product residue (liquid and/or vapor) and can be dangerous. DO NOT PRESSURIZE, CUT, WELD, DRILL, GRIND, OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, OR OTHER SOURCES OF IGNITION; CONTAINERS MAY EXPLODE AND CAUSE INJURY OR DEATH.

Special Firefighting Procedures: Containers exposed to fire should be kept cool with water spray. As in fire, wear self-contained breathing apparatus pressure-demand (MSHA/NIOSH approved or equivalent) and full protective gear. Water runoff can cause environmental damage. Dike and collect water used to fight fire

SECTION 6: ACCIDENTAL RELEASE MEASURES

Steps to be taken in case material is released or spilled: Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container. Repeat sorbent/sweep cycle until the spill has dried up. Avoid runoff into storm sewers and ditches which lead to waterways

Reference to Other Sections: For personal protection, see Section 8. See Section 11 for additional information on health hazards.

See Section 12 for additional information on ecological hazards. For waste disposal, see Section 13.

SECTION 7: HANDLING AND STORAGE

Handling: Use only in a well-ventilated area. Keep out of reach of children.

Storage: Keep away from heat, sparks and flame. Keep container closed when not in use

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

Engineering Controls: Local exhaust ventilation may be necessary to control any air contaminants to within their TLVs during the use of this product.

Respiratory Protection: Wear NIOSH/MSHA approved respiratory protection when the product is mixed or applied in a poorly ventilated area or if workplace levels of ingredients exceed the TLV. Follow applicable federal, state, and local regulations.

Other Protective Equipment: Where contact is likely, wear chemical resistant gloves, chemical safety goggles with face shield, and clean protective clothing to cover arms and legs to keep exposure to a minimum.

Hygiene Practices: Do not take internally. Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Avoid breathing vapors from heated material. Avoid contact with eyes, skin, and clothing

Occupational Exposure Limits

ITEM	EXPOSURE LIMIT					
	ACGIH		OSHA		COMPANY	
	TLV-TWA	TLV-STEL	PEL-TWA	PEL-CEILING	TLV-TWA	SKIN
Bisphenol a-(epichlorohydrin)	N.E.	N.E.	N.E.	N.E.	N.E.	NO
Alklyl Glycidyl Esther	N.E.	N.E.	N.E.	N.E.	N.E.	NO

ASGIH = American Conference of Governmental Industrial Hygienists

OSHA = Occupational Safety and Health Administration

N.E. = Not Established

D-Prime Part A

Safety Data Sheet

According to Federal Register/Vol. 77, No. 58/Monday, March 26, 2012/Rules and Regulations

Revision Date: N/A Date of issue: 09/22/2025

Appropriate Engineering Controls: Provide adequate ventilation. Apply technical measures to comply with the occupational exposure limits. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. In case of insufficient ventilation wear suitable respiratory equipment.

Hand Protection: Wear protective gloves. The most suitable glove should be chosen in consultation with the glove supplier/manufacture who can provide information about the breakthrough time of the glove material. To protect hands from chemicals, gloves should comply with OSHA 1910.138 and be demonstrated to be impervious to the chemical and resistant degradation. Considering the data specified by the glove manufacturer, check during use that the gloves are retaining their protective properties and change them as soon as any deterioration is detected. Frequent changes are recommended.

Eye/Face Protection: Wear eye/face protection. Wear as appropriate: Safety glasses with side shields; Tightly fitting safety goggles. A full face shield may also be necessary.

Skin Protection: Wear protective gloves/clothing. Wear as appropriate: Neoprene; Nitrile rubber. The suitability for a specific workplace should be discussed with the producers of the protective gloves. Wear apron or protective clothing in case of contact.

Hygiene Measures: Wash after use and before eating, smoking, and using the toilet. Do not eat, drink, or smoke when using this product.

Respiratory Protection: If airborne concentrations are above the permissible exposure limit or are not known, use NIOSH approved respirators. Respirators should be selected based on the form and concentration of contaminants in air, and in accordance with OSHA (29 CFR 1910.134) or CSA Z94.4 Z94.4-02. Advice should be sought from respiratory protection specialists.

Environmental Exposure Controls: Keep container tightly sealed when not in use. Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties

Appearance: White translucent or Pigmented opaque	Solubility in Water: Slight < 0.1%
Odor: Typical mild solvent odor	Vapor Pressure: NA
Physical state: Liquid	Vapor Density (air=1): > air
pH: Not applicable	Percent Volatile by Volume: NA
DOT Corrosivity: Not applicable	Volatile Organic Content: NA
Boiling Point: 410° – 550° F	Molecular Weight: NA
Melting Point: NA	Average Carbon Number: NA
Specific Gravity: 1.1200	Viscosity @ 100° F: NA
Pour Point: NA	Viscosity @ 40° C: NA
Octanol/Water Coefficient: Log K = NA	

SECTION 10: STABILITY AND REACTIVITY

Conditions to Avoid: Long term exposure to elevated temperatures.

Incompatible: Strong bases or oxidants. Strong Lewis or mineral acids.

Hazardous decomposition products: Poisonous & acrid fumes released on burning. Acrid fumes. Oxides of carbon.

Stability: This product is stable under normal storage conditions

SECTION 11. TOXICOLOGICAL INFORMATION

Information on Toxicological Effects – Product

Product Dermal LD50: No Information

Product Oral LD50: No information Product LC50: No Information

COMPONENT TOXOLOGY INFORMATION:

CHEMICAL NAME	DEMAL LD 50	ORAL LD 50	LC 50
Bisphenol a-(epichlorohydrin)	200 mg/kg	> 5000 mg/kg	No Information
Alkyl Glycidyl Ether	No Information	17100 mg/kg	No Information

D-Prime Part A

Safety Data Sheet

According to Federal Register/Vol. 77, No. 58/Monday, March 26, 2012/Rules and Regulations

Revision Date: N/A Date of issue: 09/22/2025

SECTION 12: ECOLOGICAL INFORMATION

Toxicity

Aquatic Toxicity:	Not known.
Terrestrial Toxicity:	Not known
Chemical Fate and Transport:	Not known.
Ecological information:	Toxic to fish and other water organisms

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal Recommendations: Waste generation should be minimized or avoided wherever possible. Reuse or recycle products wherever possible. This material and its container must be disposed of in a safe way. When handling waste, the safety precautions applying to handling of the product should be considered. Care should be taken when handling emptied containers that have not been thoroughly cleaned or rinsed out. Empty containers or liners may retain some product residues and hence be potentially hazardous.

Unused and Contaminated Product: Do not empty into drains. Dispose of surplus products and those that cannot be recycled via a licensed waste disposal contractor. Waste, residues, empty containers, discarded work clothes and contaminated cleaning materials should be collected in designated containers, labeled with their contents. Incineration or landfill should only be considered when recycling is not feasible.

SECTION 14: TRANSPORT INFORMATION

14.1 In Accordance with DOT

Proper Shipping Name	: Not regulated
Hazard Class	: Not regulated
Identification Number	: Not regulated
Packing Group	: Not regulated

14.2 In Accordance with IMDG

Proper Shipping Name	: Not regulated
Hazard Class	: Not regulated
Identification Number	: Not regulated
Packing Group	: Not regulated
Marine Pollutant	: Not regulated

14.3 In Accordance with IATA

Proper Shipping Name	: Not regulated
Hazard Class	: Not regulated
Identification Number	: Not regulated
Packing Group	: Not regulated

SECTION 15: REGULATORY INFORMATION

US Federal Regulations

OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200)

CERCLA – SARA HAZARD CATEGORY:

This product has been reviewed according to the EPA Hazard Categories promulgated under Section 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: **Immediate Health Hazard** **Chronic Health Hazard**

Sara Section 313: This product does not contain substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372:

Toxic Substances Control Act:

This product contains the following chemical substances subject to the reporting requirements of TSCA 12 (B) if exported from the United States:

Chemical	CAS Number
Alkyl Glycidyl Ether	68609-97-2

En (English US)

D-Prime Part A

Safety Data Sheet

According to Federal Register/Vol. 77, No. 58/Monday, March 26, 2012/Rules and Regulations

Revision Date: N/A Date of issue: **09/22/2025**

California Proposition 65:

There are no detectable components of this product that are substances, or belong to classes of substances, known to the State of California to cause cancer and/or reproductive toxicity.

International Regulations: as follows –

Canadian WHMIS: This MSDS has been prepared in compliance with Controlled Product Regulations Except for use of the 16 headings.

Health and Environmental Label Language

All ingredients contained in this product are included on the US EPA Toxic Substances Control Act (TSCA) inventory or exempt from listing on the TSCA inventory. All ingredients contained in this product comply with the requirements of the Canadian Environmental Protection Act (CEPA) and are listed on the Domestic Substance List (DSL) or Non-Domestic Substance List (NDSL)

HMIS ratings – Health: 2

Flammability: 1

Reactivity: 0

Personal Protection: C

SECTION 16: OTHER INFORMATION

Revision Date : 09/22/2025

Other Information : This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

Party Responsible for the Preparation of This Document : The Garland Company, Inc.
3800 East 91st Street
Cleveland, Ohio 44105-2197
T-1800-762-8225
F-216-641-0633

This information is based on our knowledge as of the Revision Date and is intended to describe the product only for the purposes of health, safety and environmental requirements as of the Revision Date. It should not therefore be construed as guaranteeing any specific property of the product nor as providing any warranty, expressed or implied. The user assumes all responsibility, liability, risk of loss, damage, or expense arising out of, or in any way connected with, the handling, storage, use, or disposal of the product.

North America GHS US 2018 & WHMIS