



Dura-Walk 2K Base Coat 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: 05/09/2024

Version:1.0

SECTION 1: IDENTIFICATION

Product Identifier

Product Form: Liquid

Product Name: Dura-Walk 2K Base Coat Part A

Product Code: 2535-5-U

Intended Use of the Product

Polyurethane/ Polyurea Construction Coating

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 of the Substance or Mixture

Classification (GHS-US)

Flam. Liq. 3	H226
Acute Tox. Oral 4	H302
Acute Tox. Inhal. 2	H330
STOT SE 3	H336
Skin Irrit. 2	H315
Eye Irrit. 2A	H319
Resp. Sens. 1	H334
Skin Sens. 1	H317
Muta. 1B	H340
Carc. 1A	H350
Repr. 1B	H360
Asp. Tox. 1	H304
Aquatic Acute 3	H402
Aquatic Chronic 2	H411

Label Elements

GHS-US Labeling

Dura-Walk 2K Base Coat Part A

Safety Data Sheet

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

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Hazard Pictograms (GHS-US)

:



Signal Word (GHS-US)

:

Danger

Hazard Statements (GHS-US)

:

H226 - Flammable liquid and vapor

H302 - Harmful if swallowed

H304 - May be fatal if swallowed and enters airways

H315 - Causes skin irritation

H317 - May cause an allergic skin reaction

H319 - Causes serious eye irritation

H330 - Fatal if inhaled

H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled

H336 - May cause drowsiness or dizziness

H340 - May cause genetic defects

H350 - May cause cancer

H360 - May damage fertility or the unborn child

H402 - Harmful to aquatic life

H411 - Toxic to aquatic life with long lasting effects

Precautionary Statements (GHS-US)

:

P201 - Obtain special instructions before use

P202 - Do not handle until all safety precautions have been read and understood

P210 - Keep away from heat, hot surfaces, open flames, sparks. - No smoking

P233 - Keep container tightly closed

P240 - Ground/bond container and receiving equipment

P241 - Use explosion-proof electrical, lighting, ventilating equipment

P242 - Use only non-sparking tools

P243 - Take precautionary measures against static discharge

P260 - Do not breathe dust/fume/gas/mist/vapours/spray

P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.

P264 - Wash face, hands and any exposed skin thoroughly after handling

P270 - Do not eat, drink or smoke when using this product

P271 - Use only outdoors or in a well-ventilated area

P280 - Wear eye protection, face protection, protective clothing, protective gloves

P281 - Use personal protective equipment as required.

P284 - Wear respiratory protection

P285 - In case of inadequate ventilation wear respiratory protection.

P301+312 - IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell

P303+P361+P353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower

P304+P340 - IF INHALED: Remove person to fresh air and keep at rest in a position comfortable for breathing

P304+341 - IF INHALED: If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing.

P310 - Immediately call a POISON CENTER or doctor/physician

P311 - Call a POISON CENTER or doctor/physician.

P312 - Call a POISON CENTER or doctor/physician if you feel unwell.

P320 - Specific treatment is urgent (see supplemental instructions on the administration of antidotes on this label)

Dura-Walk 2K Base Coat 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: 05/09/2024

P321 - Specific treatment (see supplemental instructions on the administration of antidotes on this label). P330 - Rinse mouth
P332+313 - If skin irritation occurs: Get medical advice/attention.
P363 - Wash contaminated clothing before reuse.
P370+P378 - In case of fire: Use appropriate media for extinction
P403+P233 - Store in a well-ventilated place. Keep container tightly closed
P403 + P235 - Store in a well-ventilated place. Keep cool.
P403+233 - Store in a well-ventilated place. Keep container tightly closed.
P405 - Store locked up
P501 - Dispose of contents/container according to local, regional, national, and international regulations

Other hazards: This product does not contain any substances classified as PBT or vPvB.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Component

Name	Product Identifier	% (w/w)	GHS Classification
1-Methoxy-2-Propyl Acetate	108-65-6		Flam. Liq. 3, H226 Repr. 1B, H360 Aquatic Acute 3, H402
Aromatic Hydrocarbon Solvent	64742-95-6		Flam. Liq. 3, H226 Asp. Tox. 1, H304 Skin Irrit. 2, H315 STOT SE 3, H336 Muta. 1B, H340 Carc. 1A, H350 Tox. To Rep. 2, H361 Aquatic Chronic 2, H411
3-Isocyanatomethyl-3.5.5 Trimethyl Cyclohexyl Isocyanate*	4098-71-9		Acute Tox. 4 (Oral), H302 Acute Tox. 2 (Inhalation:dust,mist), H330
Aliphatic Urethane Prepolymer			
Crystalline Silica (Quartz)	14808-60-7		Carc. 1A, H350 STOT SE 3, H335 STOT RE 1, H372
4-chlorobenzotrifluoride	98-56-6		Flam. Liq. 3, H226 Senz. Skin 1, H317 Aquatic Acute 2, H401 Aquatic Chronic 2, H411

Composition Comments: Exact concentrations and chemical identities of ingredients not listed above are either classified as non-hazardous or are withheld as a trade secret as covered by OSHA's Hazard Communication Standard, 29 CFR 1910.1200(i).

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.

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, contact a physician immediately. Do not induce vomiting. Decision to induce vomiting should only be made by a physician. Never give anything by mouth to an unconscious person.

Notes to Physician: This product contains aromatic and aliphatic hydrocarbon solvents and aliphatic isocyanate..

SECTION 5: FIRE-FIGHTING MEASURES

Flammable Properties

Flash Point: 106°F

Test Method: TCC

Dura-Walk 2K Base Coat 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: 05/09/2024

Flame extension: NA Test Method: NA

Flammable Limits in Air by Volume

Upper Percent: 13

Lower Percent: 1

Auto Ignition Temperature: NA Test Method: NA

NEPA Classification: H 2 F 2 R 1

Extinguishing Media: CO₂, foam or dry chemicals.

Fire Fighting Measures

Special Fire Fighting Procedures and Equipment: Use alcohol resistant foam, carbon dioxide, dry chemical to fight fires. Water spray may be used to cool containers. Water or foam may cause frothing if liquid is burning. When entering fire area wear NIOSH/OSHA approved, self-contained breathing apparatus and full protective gear. Unusual Fire and Explosion Conditions: Vapors may be ignited by heat or sparks. Vapors are heavier than air and may travel to distant sources of ignition and flash back. Heat-exposed containers may burst. Material may collect static charges which can cause an incendiary electrical discharge. Empty container contains product residues. Do not pressurize, cut, weld, drill, grind or expose empty containers to heat flame, sparks, static electricity or other sources of ignition. They may explode and cause injury or death.

Hazardous Combustion By-Products: CO, CO₂, N₂O, HCN, unburned hydrocarbons, toxic fumes.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions Immediately evacuate all non-essential personnel to safe places. Emergency responders should wear positive pressure supplied air respirator with full face piece and proper protective gear before entering the affected area.

Other information Refer to protective measures listed in Sections 7 and 8.

Methods and material for containment and cleaning up

Remove all sources of ignition. Provide ventilation. Respiratory protection is recommended during spill clean-up. Stop leak if possible without risk. Prevent liquids from entering sewers, drains or waterways by diking with sand or earth. Absorb with vermiculite or other absorbent material, then flush area with decontamination solution. Put in open drums. Treat and clean with decontamination solution consisting of water containing 4-8% ammonia and 2% detergent.

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling Provide good ventilation. Avoid prolonged contact with the skin. Air circulations and exhaustion of isocyanate or solvent vapors must be maintained until the coatings have fully cured to insure that no potential fire, explosion or health hazard remains. Use solvent resistant gloves. Avoid rubbing eyes while handling. Respiratory caution to be taken if the cured product is ground or sanded as this may generate hazardous dusts.

Conditions for safe storage, including any incompatibilities

Storage Conditions Store in cool, dry, ventilated space away from direct sunlight. Keep away from heat, sparks, open flames, electrical equipment, welding torches, pilot lights, etc. Store at 10-30° C

Empty Container Warnings

Drums: Do not reuse empty drums or containers. Do not cut, drill, grind or weld on or near the empty drum.

Plastic: Do not reuse empty containers.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

Occupational Exposure Limits

Chemical name	CAS #	Exposure Limit
Quartz (respirable)	14808-60-7	0.05 mg/m ³ TWA, NIOSH
Aromatic hydrocarbon solvent	64742-95-6	100ppm ACGIH TWA
Aliphatic diisocyanate	4098-71-9	0.005ppm OSHA PEL

Eye/Face Protection: Wear safety goggles

Skin Protection: Use solvent resistant gloves and long sleeved clothing.

Dura-Walk 2K Base Coat 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: 05/09/2024

Respiratory Protection: If airborne concentrations exceed or are expected to exceed the TLV, use MSHA/NIOSH approved positive pressure supplied air respirator with a full-face piece during application. After application use CCR (Chemical Cartridge Respirator).

Personal Hygiene: Avoid rubbing eyes during handling. Wear chemical tight goggles or full face shield. Use good personal hygiene practices to avoid incidental ingestion.

Engineering Controls/Work Practices

Ventilation: Provide local exhaust or area ventilation to maintain concentration of vapors below TLV.

Use explosion proof ventilation equipment. Take care not to draw vapors into non-explosion proof or spark generating equipment or into occupied office areas or enclosed areas with inhabitants.

Other: Source of clean water should be available in the work area for flushing eyes and skin. Wash thoroughly with soap and water after use and before eating, smoking and using toilet.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties

Physical state	Liquid
Appearance	Paste
Odor	Solvent odor
Odor threshold	Not applicable
pH	Not applicable
Melting point / freezing point	Not applicable
Initial boiling point and boiling range	284 – 500 F
Flash point	106 F
Flammability Limit in Air	
Upper flammability or explosive limits	Not applicable
Lower flammability or explosive Limits	Not applicable
Vapor pressure	Not applicable
Relative vapor density (Air=1)	>1
Relative density	Not applicable
Water solubility	Not applicable
Solubility(ies)	Not applicable
Partition coefficient	Not applicable
Autoignition temperature	Not applicable
Decomposition temperature	Not applicable
Kinematic viscosity	Contact the manufacturer
Dynamic viscosity	Contact the manufacturer
VOC Content	100 g/L

Other information

Explosive properties No information available

Oxidizing properties No information available

Softening point No information available

Molecular weight No information available

VOC content No information available

Liquid Density No information available

Bulk density No information available

SECTION 10: STABILITY AND REACTIVITY

Reactivity No information available.

Chemical stability Stable under normal conditions.

Possibility of hazardous reactions None under normal processing.

Conditions to avoid Avoid contact with strong oxidizing materials and bases. Avoid contact with water.

Incompatible materials Strong oxidizers. Alkali metals

SECTION 11. TOXICOLOGICAL INFORMATION

Primary Eye Irritation: Irritating

05/09/2024

En (English US)

Page 5 of 7

Dura-Walk 2K Base Coat Part A

Safety Data Sheet

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

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Primary Skin Irritation: Irritating

Acute Dermal Toxicity: NA

Subacute Dermal Toxicity: NA

Dermal Sensitization: NA

Inhalation Toxicity: NA

Inhalation Sensitization: NA

Oral Toxicity: Mutagenicity: NA

Carcinogenicity: Diisocyanates are suspect carcinogens. When ingested, diisocyanates have caused cancer in certain animals.

Crystalline silica is a carcinogen, listed as Human Carcinogen Category 1 in IARC. California Proposition 65 Chemicals and NIOSH also list respirable crystalline silica as carcinogenic. Keep it below 0.05 mg/m³.

Reproductive Toxicity: NA

Teratogenicity: NA

Immunotoxicity: NA

Neurotoxicity: NA

Other: NA

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity

Aquatic Toxicity: Not known.

Terrestrial Toxicity: Not known

Chemical Fate and Transport: Not known.

No other ecological information available

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	:	Paint
Hazard Class	:	3
Identification Number	:	UN 1263
Packing Group	:	III

14.1 In Accordance with IATA

Proper Shipping Name	:	Paint
Hazard Class	:	3
Identification Number	:	UN 1263
Packing Group	:	III

SECTION 15: REGULATORY INFORMATION

Regulatory Lists

U.S. TSCA Inventory: All components of this material are on the US TSCA Inventory or exempt from listing on the TSCA Inventory.

UREA-TUFF 4290 PART A 01/19/2017 10880 Poplar Avenue, Fontana, CA 92337

SARA 311/312 Categories

Acute: Yes **Chronic:** Yes **Fire:** Yes **Pressure:** Yes **Reactive:** Yes

Sara Section 313: This product contains the following Sara, Title III, Section 313 Chemicals:

Chemical Name	CAS Number
Aliphatic Diisocyanate	4098-71-9
Quartz	14808-60-7

Regulatory Lists Searched

05/09/2024

En (English US)

Page 6 of 7

Dura-Walk 2K Base Coat Part A

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Health & Safety:

Environmental: NA

International: NA

State: FL, MA, MN, PA, RI

National Inventories: NA

California Proposition 65 Information: Warning! This product contains detectable components, including the following components, which are substances or belong to classes of substances known to the State of California to cause cancer, birth defects and/or other reproductive harm.

Chemical Name	CAS Number
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Aliphatic Diisocyanate	4098-71-9
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Quartz	14808-60-7
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Canadian Regulations

DSL/NDSL: The components of this product are listed on the Canadian Domestic Substances List (DSL) or Non-Domestic Substance List (NDSL).

WHMIS Hazard Class: B3 D2A

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

Other Regulations: No other information available

SECTION 16: OTHER INFORMATION

Revision Date : 05/09/2024

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.
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Cleveland, Ohio 44105-2197
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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.

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