



Dura-Walk 2K Top 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 Top Coat Part A

Product Code: 2530-5-U-A

Intended Use of the Product

Polyurethane Waterproofing membrane

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
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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)

Sens. Skin 1	H317
Eye Damage 1	H318
Acute Tox. Inhal. 4	H332
Resp. Sens. 1	H334
Carcin. 2	H351

Label Elements

GHS-US Labeling

Hazard Pictograms (GHS-US)



Signal Word (GHS-US)

: Danger

Hazard Statements (GHS-US)

: H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H332 Harmful if inhaled.
H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H351 Suspected of causing cancer

Precautionary Statements (GHS-US)

: P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood.
P261 Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray.
P272 - Contaminated work clothing should not be allowed out of the workplace.
P271 Use only outdoors or in a well-ventilated area.
P272 Contaminated work clothing should not be allowed out of the workplace.
P280 Wear eye protection/ face protection.

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P280 Wear protective gloves.

P281 Use personal protective equipment as required.

P285 In case of inadequate ventilation wear respiratory protection

Response:

P302 + P352 IF ON SKIN: Wash with plenty of soap and water.

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

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P308 + P313 IF exposed or concerned: Get medical advice/attention.

P310 Immediately call a POISON CENTER or doctor/physician.

P333 + P313 If skin irritation or rash occurs: Get medical advice/attention.

P363 Wash contaminated clothing before reuse.

Storage:

P405 Store locked up.

Disposal:

P501 Dispose of contents/ container to an approved waste disposal plant

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
*Aliphatic Isocyanate	4098-71-9		Acute Tox. 4 (Oral), H302 Acute Tox. 2 (Inhalation:dust,mist), H330
Aliphatic Urethane Prepolymer	Proprietary		
Titanium Dioxide	13463-67-7		Skin Irrit. 2, H315

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

If inhaled: Move to fresh air. Consult a physician after significant exposure.

In case of skin contact: Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. If symptoms persist, call a physician.

In case of eye contact: Small amounts splashed into eyes can cause irreversible tissue damage and blindness.

In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Continue rinsing eyes during transport to hospital. Remove contact lenses. Keep eye wide open while rinsing.

If swallowed: Clean mouth with water and drink afterwards plenty of water.

Induce vomiting immediately and call a physician.

Do NOT induce vomiting.

Do not give milk or alcoholic beverages.

Never give anything by mouth to an unconscious person.

Most important symptoms and effects, both acute and delayed: Asthmatic appearance. Respiratory disorder.

Allergic reactions. Excessive lachrymation. Headache. See Section 11 for more detailed information on health

Effects and symptoms. sensitizing effects

Protection of first-aiders: Move out of dangerous area. Consult a physician. Show this material safety data sheet to the doctor in attendance.

Notes to physician: Treat symptomatically.

SECTION 5: FIRE-FIGHTING MEASURES

Suitable extinguishing media: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

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Specific extinguishing methods: Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

Special protective equipment for fire-fighters: In the event of fire, wear self-contained breathing apparatus.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures: Use personal protective equipment.

Deny access to unprotected persons.

Environmental precautions: Do not flush into surface water or sanitary sewer system. If the product contaminates rivers and lakes or drains inform. Respective authorities. Local authorities should be advised if significant spillages cannot be contained.

Methods and materials for containment and cleaning up: Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Keep in suitable, closed containers for disposal.

SECTION 7: HANDLING AND STORAGE

Handling: Avoid formation of aerosol. Do not breathe vapors or spray mist. Avoid exceeding the given occupational exposure limits (see section 8). Do not get in eyes, on skin, or on clothing. For personal protection see section 8. Persons with a history of skin sensitization problems or asthma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this mixture is being used. Smoking, eating and drinking should be prohibited in the application area. Provide sufficient air exchange and/or exhaust in work rooms. Follow standard hygiene measures when handling chemical products.

Storage: Store in original container. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Observe label precautions. Store in accordance with local regulations.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Use of adequate ventilation should be sufficient to control worker exposure to airborne contaminants. If the use of this product generates dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure below any recommended or statutory limits.

Respiratory Protection: Use a properly fitted NIOSH approved air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. The filter class for the respirator must be suitable for the maximum expected contaminant concentration (gas/vapor/aerosol/particulates) that may arise when handling the product. If this concentration is exceeded, self-contained breathing apparatus must be used.

Other Protective Equipment: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary. Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place.

Hygiene Practices: Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product. Remove contaminated clothing and protective equipment before entering eating areas. Wash thoroughly after handling.

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.

EXPOSURE LIMIT

Chemical	Basis**	Value	Exposure limits/form of exposure
Titanium Dioxide	ACGIH	TWA	10 mg/m3
	OSHA P0	TWA	10 mg/m3
	OSHA Z-1	TWA	15 mg/m3 total dust
3-isocyanatomethyl-3,5,5-trimethylcyclohexyl isocyanate	ACGIH	TWA	0.005 ppm
	OSHA P0	TWA	0.005 ppm
	OSHA P0	STEL	0.02 ppm

*The above mentioned values are in accordance with the legislation in effect at the date of the

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**Basis

ACGIH. Threshold Limit Values (TLV)

OSHA P0. Table Z-1, Limit for Air Contaminat (1989 Vacated Values)

OSHA P1. Permissible Exposure Limits (PEL), Table Z-1, Limit for Air Contaminant

OSHA P2. Permissible Exposure Limits (PEL), Table Z-2

OSHA Z3. Table Z-3, Mineral Dust

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Viscous

Octanol/Water Coefficient: NA

Odor: Charactersitic

Vapor P ressure: NA

Physical state: NA

Vapor Density (air=1): NA

pH: NA Percent

Volatile by Volume: NA

DOT Corrosivity: Not applicable

Volatile Organic Content: 15gm/liter

Boiling Point: NA

Molecular Weight: NA

Melting Point: > 300 °F (> 149 °C)

Average Carbon Number: NA

Specific Gravity: NA

Viscosity @ 100° F: NA

Pour Point: NA

Viscosity@ 40° C: NA

Solubility in Water: slightly soluble in water

Flash Point: > 201 °F (> 94 °C)

SECTION 10: STABILITY AND REACTIVITY

Conditions to Avoid: No data available

Incompatible: No data available

Hazardous decomposition products: No data available

Stability: Stable under recommended storage conditions.

SECTION 11. TOXICOLOGICAL INFORMATION

Acute toxicity

Product:

Acute oral toxicity: no data available

Acute inhalation toxicity: Harmful if inhaled.

Acute dermal toxicity: no data available

Ingredients:

3-isocyanatomethyl-3,5,5-trimethylcyclohexyl isocyanate :

Acute oral toxicity: LD50 Oral rat: 4,814 mg/kg

Acute inhalation toxicity: LC50 rat: 0.031 mg/l

Exposure time: 4 h

Test atmosphere: dust/mist

Acute dermal toxicity: LD50 Dermal rat: > 7,000 mg/kg

Skin corrosion/irritation

Product

no data available

Serious eye damage/eye irritation

Product

Causes serious eye damage.

Respiratory or skin sensitization

Product

May cause an allergic skin reaction.

May cause allergy or asthma symptoms or breathing difficulties if inhaled.

Germ cell mutagenicity

Product

Mutagenicity : no data available

Carcinogenicity

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Product

Carcinogenicity : Suspected of causing cancer.

IARC Group 2B: Possibly carcinogenic to humans

titanium dioxide 13463-67-7

NTP not applicable

Reproductive Toxicity/Fertility

Product

Reproductive toxicity: no data available

Reproductive Toxicity/Development/Teratogenicity

Product

Teratogenicity: no data available

STOT-single exposure

Product

Assessment: no data available

STOT-repeated exposure

Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels.

Product

Assessment: no data available

Aspiration toxicity

Product

no data available

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	:	Not dangerous goods
Hazard Class	:	
Identification Number	:	
Packing Group	:	

14.1 In Accordance with IATA

Proper Shipping Name	:	Not dangerous goods
Hazard Class	:	
Identification Number	:	
Packing Group	:	

SECTION 15: REGULATORY INFORMATION

Regulatory Lists

U.S. TSCA Inventory: All chemical substances in this product are either listed on the TSCA Inventory or are in compliance with a TSCA Inventory exemption.

SARA 311/312 Categories:

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Acute Health Hazard

Chronic Health Hazard

SARA 302: The following components are subject to reporting levels established by SARA Title III, Section 302:

3-isocyanatomethyl-3,5,5-Trimethylcyclohexyl isocyanate 4098-71-9 1.00 %

SARA Section 313:

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

The following components are subject to reporting levels established by SARA Title III, Section 313:

3-isocyanatomethyl-3,5,5-trimethylcyclohexyl isocyanate 4098-71-9 1.00 %

Ozone-Depletion Potential:

This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 12 (40 CFR 61).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F).

California Proposition 65 Information: Warning! This product does not contain any chemicals known to the State of California to cause cancer, birth, or any other reproductive defects.

Canadian WHMIS Classification

This product has been classified in accordance with hazard criteria of the Controlled Products Regulations (CPR). This SDS 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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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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