



Material Safety Data Sheet

Revised: 02/02/11

Revision Number: 2

SECTION 1: PRODUCT AND COMPANY INFORMATION

THE GARLAND COMPANY, INC.
3800 EAST 91ST. STREET
CLEVELAND, OHIO 44105-2197
PH: (216) 641-7500
FAX: (216) 641-0633

GARLAND CANADA, INC.
1296 MARTIN GROVE ROAD
TORONTO, ONTARIO, M9W 4X3
PH: (416)747-7995
FAX: (416)747-1980

Garland Company UK Ltd.
Unit 5, Glevum Works, Upton Street
Gloucester, UK GL14LA
Ph: 01452 330 646
Fax: 01452 330 657 (only in UK)
Ph: 011 44 1452 330 646
Fax: 011 44 1452 330 657 (outside UK)

Product Name: Dura-Walk Primer - PART A

Product Code: 2511-10A

Chemical Family: Water Based Epoxy

TRANSPORTATION EMERGENCY ASSISTANCE: 1-800-762-8225 (24hrs)

SECTION 2: HAZARDS IDENTIFICATION

EFFECTS OF OVEREXPOSURE: None currently known.

EMERGENCY & FIRST AID: Eye contact: Flush with water for at least 15 minutes. Call a physician as soon as possible.

Skin contact: Wash with soap and water, remove contaminated clothing.

Ingestion: Call a physician immediately.

MEDICAL CONDITIONS PRONE TO AGGRAVATION BY EXPOSURE: Prolonged or repeated skin contact may cause sensitization.

HMIS HAZARD RATING

H:1 F:1 R:0 PP:B

DEGREE OF HAZARD: 4=EXTREME 3=HIGH 2=MODERATE 1=SLIGHT 0=INSIGNIFICANT

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

	CAS#	% BY WT	EINECS
Xylene ⁽¹⁾	1330-20-7	2.5 %	215-535-7

(1)This chemical is subject to SARA Title III Section 313 reporting.

Non-hazardous components many or may not be listed. Carcinogens are listed when present at 0.1% or more; components which are otherwise hazardous according to OSHA are listed when present at 1.0% or more. This is

not intended to be complete compositional disclosure. See Section 15 for applicable state right to know and other regulatory information.

SECTION 4: FIRST AID MEASURES

EFFECTS OF OVEREXPOSURE: None currently known.

EMERGENCY & FIRST AID: Eye contact: Flush with water for at least 15 minutes. Call a physician as soon as possible.

Skin contact: Wash with soap and water, remove contaminated clothing.

Ingestion: Call a physician immediately

MEDICAL CONDITIONS PRONE TO AGGRAVATION BY EXPOSURE: Prolonged or repeated skin contact may cause sensitization.

SECTION 5: FIRE FIGHTING MEASURES

FLASH POINT (TOC): > 200° F

EXTINGUISHING MEDIA: Foam, alcohol foam, CO₂, dry chemical & water fog.

SPECIAL FIRE FIGHTING PROCEDURES: Cool containers with water fog to prevent rupture.

UNUSUAL FIRE & EXPLOSION HAZARD: Closed containers may rupture when exposed to extreme heat.

SECTION 6: ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Spills should be collected for disposal.

WASTE DISPOSAL METHOD: Dispose in accordance with local, state, and federal regulations. Incinerate in approved facility. Do not incinerate closed containers.

SECTION 7: HANDLING AND STORAGE

SPECIAL PRECAUTIONS TO BE TAKEN IN HANDLING & STORING: Store in a cool dry place away from direct sunlight.

SECTION 8: EXPOSURE CONTROL / PERSONAL PROTECTION

	CAS#	OSHA PEL	ACGIH TLV
Xylene ⁽¹⁾	1330-20-7	100ppm	100ppm

Personal Protective Equipment:

RESPIRATORY PROTECTION: Not necessary under normal non-spray application conditions. If atmospheric levels cannot be maintained below the exposure guideline use an approved air-purifying or positive-pressure supplied-air respirator depending on the potential airborne concentration.

VENTILATION (Local Exhaust): General room ventilation is satisfactory.

PROTECTIVE GLOVES: Chemical resistant gloves. Nitrile recommended.

EYE PROTECTION: Safety goggles

OTHER PROTECTIVE EQUIPMENT: Eye bath & safety shower should be available.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance	White	Specific Gravity (g/mL)	1.51
Odor	Low Odor	W.P.G.	12.6 lbs.
Odor Threshold	0.081 - 5.4 ppm - Xylenes	Solubility in water	ND
Melting point	ND	% Volatiles	<43.3%
Boiling Point	>200°C (> 392°F)	Evaporation Rate	(ether=1): slower
Flash Point	ND	Vapor Pressure	(mm Hg @ 20C/68F) Xylene L 6.0
VOC as component	<100 g/L (A & B combined)	VOC as applied	<100 g/L (A & B combined)

SECTION 10: STABILITY AND REACTIVITY

STABILITY: Stable.

INCOMPATIBILITY: Strong oxidizing agents.

CONDITIONS TO AVOID: Temperature extremes.

HAZARDOUS DECOMPOSITION PRODUCTS: When water evaporates, solids can burn and produce carbon monoxide and/or carbon dioxide.

HAZARDOUS POLYMERIZATION: Will not occur.

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL PROPERTIES: Available data shows that none of the ingredients are carcinogenic, teratogenic or mutagenic but material may be harmful or fatal if swallowed. May cause skin or eye irritation.

SECTION 12: ECOLOGICAL INFORMATION

None reported

SECTION 13: DISPOSAL CONSIDERATIONS

As a waste, this material in its raw form IS NOT considered a HAZARDOUS WASTE under RCRA (29 CFR 261). Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste disposal facility. Processing, use or contamination of this product may change the waste management options. Stat and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.

SECTION 14: TRANSPORT INFORMATION

U.S. Domestic Ground	Proper Shipping Name:	Not regulated for transport
	DOT Hazard Class:	N/A
	UN Number:	N/A
	Packing Group:	N/A
U.S. Domestic Air	Proper Shipping Name:	Not regulated for transport
	DOT Hazard Class:	N/A
	UN Number:	N/A
	Packing Group:	N/A
Canadian TDG	Proper Shipping Name:	Not regulated for transport
	DOT Hazard Class:	N/A
	UN Number:	N/A
	Packing Group:	N/A
International Air	Proper Shipping Name:	Not regulated for transport
	DOT Hazard Class:	N/A
	UN Number:	N/A
	Packing Group:	N/A

CERCLA Reportable Quantity (RQ): N/A

Releases exceeding the reportable quantity (RQ) must be reported to the National Response Center (800) 424-8802. **This data provided for information only. The description shown may not apply to all shipping situations. Consult 49 CFR, or appropriate regulations to properly classify your shipment for transportation.**

SECTION 15: REGULATORY INFORMATION

TSCA Chemical Inventory: All of the chemicals in this product are listed on the TSCA Inventory.

TSCA Sec 4 Chemical Test Rule: None of the chemicals in this product are under a Chemical Test rule.

TSCA Sec 8(d): None of the chemicals in this product are on the Health and Safety Reporting List.

TSCA Sec 12(b) Notices of Export: None of the chemicals in this product are on this list.

TSCA Significant New Use Rule (SNUR): None of the chemicals in this product are on this list.

SARA Sec 302 (EHS) TPQ: None of the chemicals in this product have a TPQ

SARA Sec 302 (EHS) RQ: None of the chemicals in this product have a RQ.

SARA Sec 311/312: Acute –NO; Chronic –NO; Fire –NO; Release of Pressure: -NO; Reactivity –NO

SARA Title III - Sec 313 Supplier Notification: This product contains the following toxic chemicals that are subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act (EPCRA) of 1986 and of 40 CFR 372.

XYLENE (Mixed Isomers) (1330-20-7) 2.5%.

This Information must be included on all MSDS's that are copied and distributed for this material.

SARA Sec 313 Notification: This product contains the following toxic chemicals that are subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act (EPCRA) of 1986 and of 40 CFR 372.

Ingredients(s) - U.S. Regulatory Information:

XYLENE (Mixed Isomers) (1330-20-7)

SARA Title III – Section 313 Form “R”/TRI Reportable Chemical

CERCLA Hazardous Substances and Corresponding RQs: N/A

RCLA: None of the chemicals in this product are on this list.

Clean Air Act: Hazardous Air Pollutants: YES Class 1 Ozone Depleters? NO Class 2 Ozone Depleters? NO

Clean Water Act: Hazardous Substance: YES Priority Polluter? NO Toxic Pollutant? NO

Chemical Weapons Convention: None of the chemicals in this product are on this list.

Drug Enforcement Agency (DEA) CDTA: None of the chemicals in this product are on this list.

OHSA: None of the chemicals in this product are considered Highly Hazardous by OHSA.

State Right-To-Know lists: XYLENE (Mixed Isomers)

New Jersey – Workplace hazard

New Jersey – Environmental hazard

New Jersey – Special hazard

Pennsylvania – Workplace hazard

Pennsylvania – Environmental hazard

Massachusetts – Hazardous Substance

New York City – Hazardous Substance

Canadian: This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all of the information required by the Controlled Products regulations. The components in this product are listed, or exempt from listing, on the Canadian Domestic Substances List.

California Proposition 65: None of the chemicals in this product are on this list.

Canadian: This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all of the information required by the Controlled Products

regulations. The components in this product are listed, or exempt from listing, on the Canadian Domestic Substances List.

WHMIS Classification:

Ingredient Disclosure List: None of the components of the product are on this list.

This document was prepared in accordance with 29 CFR 1910.1200 and ANSI Z400.1-2005.

The information provided on this MSDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.



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Ph: 011 44 1452 330 646
Fax: 011 44 1452 330 657 (outside UK)

Product Name: Dura-Walk Primer - PART B
Product Code: 2511-10B
Chemical Family: Polyamide

TRANSPORTATION EMERGENCY ASSISTANCE: 1-800-762-8225 (24hrs)

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	CAS#	% BY WT	EINECS
Xylene ⁽¹⁾	1330-20-7	4.7 %	215-535-7

(1)This chemical is subject to SARA Title III Section 313 reporting

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VENTILATION (Local Exhaust): General room ventilation is satisfactory.

PROTECTIVE GLOVES: Chemical resistant gloves. Nitrile recommended.

EYE PROTECTION: Safety goggles

OTHER PROTECTIVE EQUIPMENT: Eye bath & safety shower should be available.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Brown	Specific Gravity (g/mL)	1.29
Odor	Low Odor	W.P.G.	10.76 lbs.
Odor Threshold	0.081 - 5.4 ppm - Xylenes	Solubility in water	ND
Melting point	ND	% Volatiles	69.4%
Boiling Point	>200°C (> 392°F)	Evaporation Rate	(ether=1): slower
Flash Point	ND	Vapor Pressure	(mm Hg @ 20°C/68°F) Xylene L 6.0
VOC as component	<100 g/L (A & B combined)	VOC as applied	<100 g/L (A & B combined)

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CERCLA Hazardous Substances and Corresponding RQs: N/A

RCLA: None of the chemicals in this product are on this list.

Clean Air Act: Hazardous Air Pollutants: YES **Class 1 Ozone Depleters?** NO **Class 2 Ozone Depleters?** NO

Clean Water Act: Hazardous Substance: YES **Priority Polluter?** NO **Toxic Pollutant?** NO

Chemical Weapons Convention: None of the chemicals in this product are on this list.

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State Right-To-Know lists: XYLENE (Mixed Isomers)

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New Jersey – Environmental hazard

New Jersey – Special hazard

Pennsylvania – Workplace hazard

Pennsylvania – Environmental hazard

Massachusetts – Hazardous Substance

New York City – Hazardous Substance

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