

Name Flex-Flash UN



Product ID Classification 07 14 13.00 Thermal and Moisture Protection (insulation water barrier): Hot Fluid-Applied Rubberized Asphalt Waterproofing

Website www.hydrotechusa.com

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Description Flex-Flash UN is an uncured neoprene sheet rubber that is utilized as heavy-duty reinforcing and exposed flashing in conjunction with MM6125 membrane. It is typically encapsulated between coats of the membrane during application as reinforcing or bonded in exposed conditions as roof flashing.

Release Date 2016-02-05  Self-declared  
Expiry Date 2019-02-05  Second Party Certifier  
HPD URL <https://builder.hpd-collaborative.org/uploads/files/hpds/233/3937-20160205134504.pdf>  Third Party Certificate #

### SUMMARY DISCLOSURE

The content of this product was assessed for health hazard warnings as required using Pharos

Residuals Disclosure  Measured 100 ppm (ideal)  Measured 1000 ppm  Predicted by process chemistry  As per MSDS (1,000 & 10,000 ppm)  Not disclosed  Other

Full Disclosure of Intentional Ingredients  Yes  No  
Full Disclosure of Known Hazards  Yes  No  
Disclosure Notes  
Pharos information imported

### Contents in Descending Order of Quantity

CARBON BLACK , STYRENE BUTADIENE RUBBER (SBR) , ETHYLENE/PROPYLENE/DIENE TERPOLYMER (EPDM) , ETHYLIDENE NORBORNENE , DISTILLATES (PETROLEUM), HYDROTREATED (MILD) HEAVY NAPHTHENIC (9CI); , Unknown , NAPHTHALENE , 4,4'-DITHIOBIS(MORPHOLINE) , ZINC DIBUTYLDITHIOCARBAMATE , THIRAM , DIETHYLDITHIOCARBAMIC ACID ZINC SALT , 2-MERCAPTOBENZOTHAZOLE , ACTIVE DICUMYL PEROXIDE , ACETO TMTM , STYRENE , 1,3-BUTADIENE , 6PPD

Hazards  PBT (Persistent Bioaccumulative Toxic)  Cancer  Gene Mutation  Development  Reproductive  Endocrine  Respiratory

Highest concern GreenScreen score - List Translator Benchmark 1  Neurotoxicity  Mammal  Skin or Eye  Aquatic toxicity  Land toxicity  Physical hazard  Global warming  Ozone depletion  Multiple  Unknown

Total VOC Content Material (g/L) N/A Regulatory (g/L) N/A Does the product contain exempt VOCs?  N/A  Yes  No Are there VOC-free tints available?  N/A  Yes  No

Notes

### Certifications + Compliance

VOC Emissions Not tested VOC Content N/A

The HPD Standard is solely a declaration of product content and direct health hazards associated with exposure to its individual contents. It is not a full assessment of environmental impacts from the life cycle of this product. It is not an assessment of risks associated with actual use of the product. It does not address the potential health impacts of substances used or created during manufacture that do not appear in the final product as residuals, nor substances created during combustion or other degradation processes.

This Health Product Declaration was generated following the requirements of the noted Standard version and is valid for a total of three years after date of issue or three months after a substantive change of product contents occurs. Users should verify that this Health Product Declaration is compliant with the most current version of the HPD Standard. Accuracy of claims made in this Health Product Declaration is the sole responsibility of the listed manufacturer and certifier (if applicable). The HPD Collaborative does not warrant any claim made herein, explicit or implicit. The HPD Standard is an "open standard" developed and managed by the HPD Collaborative, a nonprofit organization. For more information, visit [hpdcollaborative.org](http://hpdcollaborative.org).

## CONTENT IN DESCENDING ORDER OF QUANTITY

All ingredients must be assessed for health warnings against Priority Hazard Lists, regardless of disclosure level.

Priority Hazard Lists and information on the GreenScreen Benchmarks can be found at [www.hpdcollaborative.org/hazardlists](http://www.hpdcollaborative.org/hazardlists).

**GS:** GreenScreen Benchmark; **RC:** Recycled Content, **PC:** Post Consumer, **PI:** Post Industrial (Pre-consumer), **BO:** Both; **Nano:** comprised of nanoscale particles or nanotechnology

Name	CAS RN	% weight	GS	RC	Nano	Role
Hazard A	Warning A					
Hazard B	Warning B					
Hazard C	Warning C					
Hazard D	Warning D					
Hazard E	Warning E					
Notes						
<b>CARBON BLACK</b>	1333-86-4	0 - 41 %	LT-1	N	N	pigment
CANCER	NIOSH-C: Occupational carcinogen (also in Prop 65, IARC, MAK)					
added for color and exposure protection						
<b>STYRENE BUTADIENE RUBBER (SBR)</b>	9003-55-8	0 - 13 %	LT-U	N	N	polymer
None found	No warnings found on HPD Priority lists					
<b>ETHYLENE/PROPYLENE/DIENE TERPOLYMER (EPDM)</b>	25038-36-2	0 - 13 %	LT-U	N	N	polymer
None found	No warnings found on HPD Priority lists					
<b>ETHYLIDENE NORBORNENE</b>	16219-75-3	0 - 13 %	LT-P1	N	N	polymer
MULTIPLE	VwVwS: Class 2 Hazard to Waters					
<b>DISTILLATES (PETROLEUM), HYDROTREATED (MILD) HEAVY NAPHTHENIC (9CI);</b>	64742-52-5	0 - 13 %	LT-1	N	N	blending agent

PBT	DSL: Persistent, Bioaccumulative and inherently Toxic (PBiT) to humans					
CANCER	EU CMR (1): Carcinogen Category 2 - Substances which should be regarded as if they are carcinogenic to man (also in EU R-Phrases, EU H-Statements, EU CMR (2))					
MULTIPLE	SIN: Classified CMR (Carcinogen, Mutagen &/or Reproductive Toxicant)					
<b>Unknown</b>						
Unknown	Unknown	0 - 6 %		N	N	vulcanizers
Not disclosed by supplier						
proprietary vulcanization system						
<b>NAPHTHALENE</b>						
	91-20-3	R	LT-1			Feedstock, CARBON BLACK
PBT	NWMP Priority: Priority PBT (also in WA PBT, OSPAR)					
CANCER	NTP-RoC: Reasonably Anticipated to be Human Carcinogen (also in Prop 65, MAK, EU R-Phrases, EPA-C, IARC, EU H-Statements)					
ENDOCRINE	SIN: Equivalent concern, including endocrine disruption - Sin List 1.0 (also in TEDX)					
MAMMALIAN	EU R-Phrases: R22: Harmful if swallowed.					
ACUTE AQUATIC	EU H-Statements: H400 - Aquatic Acute 1 - Very toxic to aquatic life (also in EU R-Phrases)					
CHRON AQUATIC	EU H-Statements: H410 - Aquatic Chronic 1 - Very toxic to aquatic life with long lasting effects					
MULTIPLE	VwVwS: Class 3 Severe Hazard to Waters					
<b>4,4'-DITHIOBIS(MORPHOLINE)</b>						
	103-34-4	R	LT-P1			Additive - Non-reactive, ETHYLENE/PROPYLENE/DIENE TERPOLYMER (EPDM)
MULTIPLE	VwVwS: Class 2 Hazard to Waters					
<b>ZINC DIBUTYLDITHIOCARBAMATE</b>						
	136-23-2	R	LT-P1			Additive - Non-reactive, ETHYLENE/PROPYLENE/DIENE TERPOLYMER (EPDM)
EYE IRRITATION	EU R-Phrases: R36: Irritating to eyes. (also in EU H-Statements)					
SKIN IRRITATION	EU R-Phrases: R38: Irritating to skin. (also in EU H-Statements)					
SKIN SENSITIZE	EU R-Phrases: R43: May cause sensitization by skin contact.					
ACUTE AQUATIC	EU H-Statements: H400 - Aquatic Acute 1 - Very toxic to aquatic life (also in EU R-Phrases)					
CHRON AQUATIC	EU H-Statements: H410 - Aquatic Chronic 1 - Very toxic to aquatic life with long lasting effects					
MULTIPLE	VwVwS: Class 2 Hazard to Waters					
RESPIRATORY	AOEC: Asthmagen (ARs) - sensitizer-induced - inhalable forms only					
<b>THIRAM</b>						
	137-26-8	R	LT-P1			Additive - Non-reactive, ETHYLENE/PROPYLENE/DIENE TERPOLYMER (EPDM)
ENDOCRINE	EU ED: Category 1 - In vivo evidence of endocrine disruption activity (also in SIN, TEDX)					

MAMMALIAN	EU R-Phrases: R22: Harmful if swallowed.
EYE IRRITATION	EU R-Phrases: R36: Irritating to eyes. (also in EU H-Statements)
SKIN IRRITATION	EU R-Phrases: R38: Irritating to skin. (also in EU H-Statements)
SKIN SENSITIZE	EU R-Phrases: R43: May cause sensitization by skin contact. (also in MAK)
ORGAN TOXICANT	EU R-Phrases: R48: Danger of serious damage to health by prolonged exposure.
ACUTE AQUATIC	EU H-Statements: H400 - Aquatic Acute 1 - Very toxic to aquatic life / M-Factor of 10 (also in EU R-Phrases)
CHRON AQUATIC	EU H-Statements: H410 - Aquatic Chronic 1 - Very toxic to aquatic life with long lasting effects
MULTIPLE	VwVwS: Class 3 Severe Hazard to Waters

<b>DIETHYLDITHIOCARBAMIC ACID ZINC SALT</b>	14324-55-1	R	LT-P1			Additive - Non-reactive, ETHYLENE/PROPYLENE/DIENE TERPOLYMER (EPDM)
MAMMALIAN	EU R-Phrases: R22: Harmful if swallowed.					
EYE IRRITATION	EU R-Phrases: R36: Irritating to eyes. (also in EU H-Statements)					
SKIN IRRITATION	EU R-Phrases: R38: Irritating to skin. (also in EU H-Statements)					
SKIN SENSITIZE	EU R-Phrases: R43: May cause sensitization by skin contact.					
ACUTE AQUATIC	EU H-Statements: H400 - Aquatic Acute 1 - Very toxic to aquatic life (also in EU R-Phrases)					
CHRON AQUATIC	EU H-Statements: H410 - Aquatic Chronic 1 - Very toxic to aquatic life with long lasting effects					
MULTIPLE	VwVwS: Class 3 Severe Hazard to Waters					
RESPIRATORY	AOEC: Asthmagen (ARs) - sensitizer-induced - inhalable forms only					

<b>2-MERCAPTOBENZOTHAZOLE</b>	149-30-4	R	LT-P1			Additive - Non-reactive, ETHYLENE/PROPYLENE/DIENE TERPOLYMER (EPDM)
CANCER	MAK: Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification					
SKIN IRRITATION	EU H-Statements: H317 May cause an allergic skin reaction					
SKIN SENSITIZE	EU R-Phrases: R43: May cause sensitization by skin contact. (also in MAK)					
ACUTE AQUATIC	EU H-Statements: H400 - Aquatic Acute 1 - Very toxic to aquatic life (also in EU R-Phrases)					
CHRON AQUATIC	EU H-Statements: H410 - Aquatic Chronic 1 - Very toxic to aquatic life with long lasting effects					
MULTIPLE	VwVwS: Class 2 Hazard to Waters					

<b>ACTIVE DICUMYL PEROXIDE</b>	80-43-3	R	LT-P1			Additive - Non-reactive, ETHYLENE/PROPYLENE/DIENE TERPOLYMER (EPDM)
RESPIRATORY	AOEC: Asthmagen (ARs) - sensitizer-induced					
EYE IRRITATION	EU R-Phrases: R36: Irritating to eyes. (also in EU H-Statements)					
SKIN IRRITATION	EU R-Phrases: R38: Irritating to skin. (also in EU H-Statements)					
ACUTE AQUATIC	EU R-Phrases: R51: Toxic to aquatic organisms.					

CHRON AQUATIC	EU H-Statements: H411 - Aquatic Chronic 2 - Toxic to aquatic life with long lasting effects					
REACTIVE	EU H-Statements: H242 Heating may cause a fire					
MULTIPLE	VwVwS: Class 2 Hazard to Waters					
<b>ACETO TMTM</b>						
	97-74-5	R	LT-P1			Additive - Non-reactive, ETHYLENE/PROPYLENE/DIENE TERPOLYMER (EPDM)
MAMMALIAN	EU R-Phrases: R22: Harmful if swallowed.					
SKIN IRRITATION	EU H-Statements: H317 May cause an allergic skin reaction					
SKIN SENSITIZE	EU R-Phrases: R43: May cause sensitization by skin contact.					
ACUTE AQUATIC	EU R-Phrases: R51: Toxic to aquatic organisms.					
CHRON AQUATIC	EU H-Statements: H411 - Aquatic Chronic 2 - Toxic to aquatic life with long lasting effects					
MULTIPLE	VwVwS: Class 2 Hazard to Waters					
<b>STYRENE</b>						
	100-42-5	R	LT-1			Monomer, STYRENE BUTADIENE RUBBER (SBR)
CANCER	NTP-RoC: Reasonably Anticipated to be Human Carcinogen (also in IARC, MAK)					
ENDOCRINE	EU ED: Category 1 - In vivo evidence of endocrine disruption activity (also in SIN, TEDX)					
RESPIRATORY	AOEC: Asthmagen (ARs) - sensitizer-induced					
MAMMALIAN	EU R-Phrases: R20: Harmful by inhalation.					
EYE IRRITATION	EU R-Phrases: R36: Irritating to eyes. (also in EU H-Statements)					
SKIN IRRITATION	EU R-Phrases: R38: Irritating to skin. (also in EU H-Statements)					
MULTIPLE	VwVwS: Class 2 Hazard to Waters					
<b>1,3-BUTADIENE</b>						
	106-99-0	R	LT-1			Monomer, STYRENE BUTADIENE RUBBER (SBR)
CANCER	IARC: Group 1: Agent is carcinogenic to humans (also in NTP-RoC, EPA-C, EU CMR (1), EU R-Phrases, EU H-Statements, Prop 65, NIOSH-C, MAK, EU CMR (2))					
DEVELOPMENTAL	Prop 65: Developmental toxicity					
REPRODUCTIVE	Prop 65: Male reproductive toxicity					
GENE MUTATION	EU R-Phrases: R46: May cause heritable genetic damage. (also in EU H-Statements, EU CMR (1), EU CMR (2))					
FLAMMABLE	EU H-Statements: H220 Extremely flammable gas.					
MULTIPLE	SIN: Classified CMR (Carcinogen, Mutagen &/or Reproductive Toxicant) (also in VwVwS)					
<b>6PPD</b>						
	793-24-8	R	LT-P1			Additive - Non-reactive, STYRENE BUTADIENE RUBBER (SBR)
SKIN SENSITIZE	MAK: Sensitizing Substance Sh - Danger of skin sensitization					

**CERTIFICATIONS AND COMPLIANCE**

**Certifying Party** = First: Manufacturer’s self-declaration; Second: Verification by trade association or other interested party; Third: Verification by independent certifier (ideal).

**Applicable facilities** = Manufacturing sites to which testing applies.

Type	Standard or Certification			Certifier or Laboratory
	Certifying Party	Issue Date	Expiry Date	Certificate URL
	Applicable Facilities			
	Notes			
VOC Emissions	Not tested			
VOC Content	N/A			
Recycled Content	Not tested			
Other				

**ACCESSORY MATERIALS**

This section is for additional products required by warranty or recommended by the manufacturer for installation (such as adhesives, fasteners, or factory coatings) or for maintenance, cleaning, or operations. Refer to Health Product Declarations, published separately, for a complete view of these products.

Note: This declaration is not intended to address hazards of the installation process.

Required or Recommended Product	URL for Companion Health Product Declaration
<b>Condition when required or recommended and/or other notes</b>	

**NOTES**

