SAFETY DATA SHEET

DB43007

Section 1. Identification

Product name	: Dutch Boy® Dura Weather 1000 Exterior Semi-Gloss Ultra White
Product code	: DB43007
Other means of identification	: Not available.
Product type	: Liquid.
Relevant identified uses of t	ne substance or mixture and uses advised against
Paint or paint related material.	
Manufacturer	: DUTCH BOY 101 Prospect Avenue N.W. Cleveland, OH 44115
Emergency telephone number of the company	: (216) 566-2917
Product Information Telephone Number	: Not available.
Transportation Emergency Telephone Number	: (800) 424-9300

Section 2. Hazards identification

OSHA/HCS status	: This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).
Classification of the substance or mixture	: SKIN SENSITIZATION - Category 1 GERM CELL MUTAGENICITY - Category 1 CARCINOGENICITY - Category 2 TOXIC TO REPRODUCTION - Category 1B
GHS label elements	
Hazard pictograms	
Signal word	: Danger
Hazard statements	: May cause an allergic skin reaction. May cause genetic defects. Suspected of causing cancer. May damage fertility or the unborn child.
Precautionary statements	
General	: Read label before use. Keep out of reach of children. If medical advice is needed, hav product container or label at hand.
Prevention	: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves, protective clothing and eye or face protection. Avoid breathing vapor. Contaminated work clothing must not be allowed ou of the workplace.

Date of issue/Date	of revision	: 7/12/2024	Date of previous issue	: 5/29/2024	Version	: 4.02	1/13
DB43007	Dutch Boy® Dura Wea Ultra White	ther 1000 Exter	ior Semi-Gloss		SHW-85-	NA-GHS-US	

Section 2. Hazards identification

Response	: IF exposed or concerned: Get medical advice or attention. Wash contaminated clothing before reuse. IF ON SKIN: Wash with plenty of water. If skin irritation or rash occurs: Get medical advice or attention.
Storage	: Store locked up.
Disposal	: Dispose of contents and container in accordance with all local, regional, national and international regulations.
Supplemental label elements	WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.
	Please refer to the SDS for additional information. Keep out of reach of children. Do not transfer contents to other containers for storage.
Hazards not otherwise classified	: None known.

Section 3. Composition/information on ingredients

Substance/mixture	: Mixture
Other means of	: Not available.
identification	

CAS number/other identifiers

Ingredient name	% by weight	CAS number
Carbendazim	≥10 - ≤25 ≤0.3	13463-67-7 10605-21-7
2-Ethyl-2-(hydroxymethyl)-1,3-propanediol	≤0.3	77-99-6

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

Section 4. First aid measures

		•	lical attention immediately. blar, tie, belt or waistband.	Maintain an oper	n airway. Loose	en tight cloth	ning
		unless direct kept low so t anything by i	son feels sick as vomiting ted to do so by medical pe that vomit does not enter th mouth to an unconscious p	rsonnel. If vomitin ne lungs. Get meo person. If unconso	ng occurs, the h dical attention. cious, place in r	ead should Never give ecovery pos	sition
Ingestion	:		outh with water. Remove obsed person is conscious,				
Skin contact	:	contaminate Continue to complaints c	lenty of soap and water. F ed clothing thoroughly with rinse for at least 10 minute or symptoms, avoid further ughly before reuse.	water before remo es. Get medical at	oving it, or wear tention. In the	gloves. event of any	у
Inhalation	:	not breathing respiration o aid to give m in recovery p	tim to fresh air and keep at g, if breathing is irregular o or oxygen by trained persor nouth-to-mouth resuscitatio position and get medical at c clothing such as a collar,	r if respiratory arre nnel. It may be da on. Get medical a tention immediate	est occurs, prov ngerous to the ttention. If unco ly. Maintain an	ide artificial person prov onscious, pl	l /iding ace
Eye contact		eyelids. Che minutes. Ge	flush eyes with plenty of w eck for and remove any co et medical attention.	ntact lenses. Con	tinue to rinse fo	or at least 10	0
			a a b a b b c c				

Section 4. First aid measures

Most important sympto	oms/effects, acute and delayed
Potential acute health	<u>effects</u>
Eye contact	: No known significant effects or critical hazards.
Inhalation	: No known significant effects or critical hazards.
Skin contact	: May cause an allergic skin reaction.
Ingestion	: No known significant effects or critical hazards.
Over-exposure signs/	symptoms
Eye contact	: No specific data.
Inhalation	: Adverse symptoms may include the following: reduced fetal weight increase in fetal deaths skeletal malformations
Skin contact	: Adverse symptoms may include the following: irritation redness reduced fetal weight increase in fetal deaths skeletal malformations
Ingestion	: Adverse symptoms may include the following: reduced fetal weight increase in fetal deaths skeletal malformations
Indication of immediate	e medical attention and special treatment needed, if necessary

Notes to physician	 Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
Specific treatments	: No specific treatment.
Protection of first-aiders	: No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

See toxicological information (Section 11)

Section 5. Fire-fighting measures

Extinguishing media	
Suitable extinguishing media	: Use an extinguishing agent suitable for the surrounding fire.
Unsuitable extinguishing media	: None known.
Specific hazards arising from the chemical	: In a fire or if heated, a pressure increase will occur and the container may burst.
Hazardous thermal decomposition products	: Decomposition products may include the following materials: carbon dioxide carbon monoxide metal oxide/oxides

Date of issue/Date	of revision	: 7/12/2024	Date of previous issue	: 5/29/2024	Version : 4.02	3/13
DB43007	Dutch Boy® Dura We Ultra White	eather 1000 Exte	rior Semi-Gloss		SHW-85-NA-GHS-US	

Section 5. Fire-fighting measures

Special protective actions	: Promptly isolate the scene by removing all persons from the vicinity of the incident if
for fire-fighters	there is a fire. No action shall be taken involving any personal risk or without suitable training.
Special protective equipment for fire-fighters	: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Section 6. Accidental release measures

Personal precautions, protec	tive equipment and emergency procedures
For non-emergency personnel	: No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
For emergency responders	: If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
Environmental precautions	: Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
Methods and materials for co	ntainment and cleaning up
Small spill	: Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
Large spill	: Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

Section 7. Handling and storage

Precautions for safe handling

Protective measures	: Put on appropriate personal protective equipment (see Section 8). Persons with a history of skin sensitization problems should not be employed in any process in which this product is used. Avoid exposure - obtain special instructions before use. Avoid exposure during pregnancy. Do not handle until all safety precautions have been read and understood. Do not get in eyes or on skin or clothing. Do not ingest. Avoid breathing vapor or mist. If during normal use the material presents a respiratory hazard, use only with adequate ventilation or wear appropriate respirator. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.
Advice on general occupational hygiene	: Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

Date of issue/Date	e of revision	: 7/12/2024	Date of previous issue	: 5/29/2024	Version : 4.02	4/13
DB43007 Dutch Boy® Dura Weather 1000 Exterior Semi-Gloss Ultra White				SHW-85-NA-GHS-US		

Section 7. Handling and storage

Conditions for safe storage,	: Store in accordance with local regulations. Store in original container protected from
including any	direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials
incompatibilities	(see Section 10) and food and drink. Store locked up. Keep container tightly closed
	and sealed until ready for use. Containers that have been opened must be carefully
	resealed and kept upright to prevent leakage. Do not store in unlabeled containers.
	Use appropriate containment to avoid environmental contamination. See Section 10 for
	incompatible materials before handling or use.

Section 8. Exposure controls/personal protection

Control parameters

Occupational exposure limits (OSHA United States)

Ingredient name	CAS #	Exposure limits
Titanium Dioxide	13463-67-7	OSHA PEL (United States, 5/2018). TWA: 15 mg/m ³ 8 hours. Form: Total dust ACGIH TLV (United States, 7/2023). TWA: 2.5 mg/m ³ 8 hours. Form: respirable fraction, finescale particles
Carbendazim 2-Ethyl-2-(hydroxymethyl)-1,3-propanediol	10605-21-7 77-99-6	None. None.

Occupational exposure limits (Canada)

Ingredient name	CAS #	Exposure limits
Kaolin	1332-58-7	 CA Alberta Provincial (Canada, 3/2023). OEL: 2 mg/m³ 8 hours. Form: Respirable CA Quebec Provincial (Canada, 7/2023). TWAEV: 2 mg/m³ 8 hours. Form: Respirable dust. CA Ontario Provincial (Canada, 6/2019). TWA: 2 mg/m³ 8 hours. Form: Respirable particulate matter. CA Saskatchewan Provincial (Canada, 7/2013). STEL: 4 mg/m³ 15 minutes. Form: respirable fraction TWA: 2 mg/m³ 8 hours. Form: respirable fraction CA British Columbia Provincial (Canada, 8/2023). Notes: the value is for particulate matter containing no asbestos and less than 1% crystalline silica. TWA: 2 mg/m³ 8 hours. Form: Respirable

Occupational exposure limits (Mexico)

	CAS #	Exposure limits
None.		

Biological exposure indices (United States)

No exposure indices known.

Biological exposure indices (Canada)

No exposure indices known.

Biological exposure indices (Mexico)

No exposure indices known.

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Date	of	issu	e/D	ate	of	rev	risio	on

Section 8. Exposure controls/personal protection

If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. 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. Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.
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Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side- shields.
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. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.
Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important
gths CwndngpPphAbsBa

Section 9. Physical and chemical properties

The conditions of measurement of all properties are at standard temperature and pressure unless otherwise indicated.

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Physical state	: Liquid.
Color	: White.
Odor	: Not available.
Odor threshold	: Not available.
рН	: 9
Melting point/freezing point	: Not available.
Boiling point, initial boiling point, and boiling range	: 100°C (212°F)
Flash point	: Closed cup: Not applicable.

Date of issue/Date	of revision	: 7/12/2024	Date of previous issue	: 5/29/2024	Version : 4.02	6/13
DB43007	Dutch Boy® Dura Weat Ultra White	ther 1000 Exteri	or Semi-Gloss		SHW-85-NA-GHS-US	

Section 9. Physical and chemical properties

Evaporation rate	1	0.09	0.09 (butyl acetate = 1)	
Flammability	:	Not	available.	
Lower and upper explosion limit/flammability limit	:	Not available.		
Vapor pressure	:	2.3	kPa (17.5 mm Hg)	
Relative vapor density	:	1 [A	ir = 1]	
Relative density	:	1.19)	
Solubility(ies)	:	:		
Media		Result		
cold water	Partially soluble		Partially soluble	
Partition coefficient: n- octanol/water	:	: Not applicable.		
Auto-ignition temperature	:	Not	available.	
Decomposition temperature	:	Not available.		
Viscosity	:	Kinematic (40°C (104°F)): >20.5 mm²/s (>20.5 cSt)		
Molecular weight	:	Not	Not applicable.	
Heat of combustion	:	0.65	i8 kJ/g	

Section 10. Stability and reactivity

Reactivity	: No specific test data related to reactivity available for this product or its ingredients.
Chemical stability	: The product is stable.
Possibility of hazardous reactions	: Under normal conditions of storage and use, hazardous reactions will not occur.
Conditions to avoid	: No specific data.
Incompatible materials	: No specific data.
Hazardous decomposition products	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11. Toxicological information

Information on toxicological effects

Product/ingredient name	Result	Species	Dose	Exposure
Carbendazim	LD50 Dermal	Rabbit	8500 mg/kg	-
	LD50 Dermal	Rat	2 g/kg	-
	LD50 Oral	Rat	>5050 mg/kg	-
2-Ethyl-2-(hydroxymethyl)	LD50 Oral	Rat	14000 mg/kg	-
-1,3-propanediol			0.0	

Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
Titanium Dioxide	Skin - Mild irritant	Human	-	72 hours 300	-
				ug l	

Date of issue/Date	of revision	: 7/12/2024	Date of previous issue	: 5/29/2024	Version	:4.02	7/13
DB43007	Dutch Boy® Dura Wea Ultra White	ther 1000 Exter	ior Semi-Gloss		SHW-85-	NA-GHS-US	

Section 11. Toxicological information

Sensitization

Not available.

Mutagenicity

Not available.

Carcinogenicity

Not available.

Classification

Product/ingredient name	OSHA	IARC	NTP
Titanium Dioxide	-	2B	-

Reproductive toxicity

Not available.

Teratogenicity

Not available.

Specific target organ toxicity (single exposure)

Not available.

Specific target organ toxicity (repeated exposure)

Not available.

Aspiration hazard

Not available.

Information on the likely routes of exposure	Information on the likely : Not available. routes of exposure				
Potential acute health effe					
Eye contact	No known significant effects or critical hazards.				
Inhalation	No known significant effects or critical hazards.				
Skin contact	May cause an allergic skin reaction.				
Ingestion	No known significant effects or critical hazards.				
<u>Symptoms related to the p</u> Eye contact	sical, chemical and toxicological characteristics No specific data.				
Inhalation	Adverse symptoms may include the following: reduced fetal weight increase in fetal deaths skeletal malformations				
Skin contact	Adverse symptoms may include the following: irritation redness reduced fetal weight increase in fetal deaths skeletal malformations				
Ingestion	Adverse symptoms may include the following: reduced fetal weight increase in fetal deaths skeletal malformations				

Version : 4.02 8/13 SHW-85-NA-GHS-US

Section 11. Toxicological information

Delayed and immediate ef	fects and also chronic effects from short and long term exposure
Short term exposure	
Potential immediate effects	: Not available.
Potential delayed effects	: Not available.
Long term exposure	
Potential immediate effects	: Not available.
Potential delayed effects	: Not available.
Potential chronic health e	ffects
Not available.	
General	: Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels.
Carcinogenicity	: Suspected of causing cancer. Risk of cancer depends on duration and level of exposure.
Mutagenicity	: May cause genetic defects.
Teratogenicity	: May damage the unborn child.
Developmental effects	: No known significant effects or critical hazards.
Fertility effects	: May damage fertility.
Numerical measures of to	xicity

Numerical measures of toxicity Acute toxicity estimates Not available.

Section 12. Ecological information

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Product/ingredient name	Result	Species	Exposure
Titanium Dioxide	Acute LC50 >1000000 µg/l Marine water	Fish - Fundulus heteroclitus	96 hours
Carbendazim	Acute EC50 19.0562 mg/l Fresh water	Algae - Scenedesmus acutus var. acutus	96 hours
	Acute EC50 20 µg/l Fresh water	Daphnia - <i>Daphnia magna</i>	48 hours
	Acute LC50 77 µg/l Fresh water	Crustaceans - <i>Gammarus pulex</i> - Juvenile (Fledgling, Hatchling, Weanling)	48 hours
	Acute LC50 7 µg/l Fresh water	Fish - Ictalurus punctatus - Yolk- sac fry	96 hours
	Chronic EC10 10 µg/l Fresh water	Crustaceans - <i>Gammarus pulex</i> - Adult	21 days
	Chronic NOEC 3.1 ppb Fresh water	Daphnia - <i>Daphnia magna</i>	21 days
2-Ethyl-2-(hydroxymethyl) -1,3-propanediol	Acute EC50 13000000 µg/l Fresh water	Daphnia - Daphnia magna	48 hours
· · ·	Acute LC50 14400000 µg/l Marine water	Fish - Cyprinodon variegatus	96 hours

Persistence and degradability

Not available.

Bioaccumulative potential

Date of issue/D	ate of revision	: 7/12/2024	Date of previous issue	: 5/29/2024	Version : 4.02	9/13
DB43007	Dutch Boy® Dura ' Ultra White	Weather 1000 Exte	rior Semi-Gloss		SHW-85-NA-GHS-US	

Section 12. Ecological information					
Product/ingredient name	LogPow	BCF	Potential		
Carbendazim 2-Ethyl-2-(hydroxymethyl) -1,3-propanediol	-	2.51 <1	Low Low		

Mobility in soil

Soil/water partition	: Not available.
coefficient (Koc)	

Other adverse effects

: No known significant effects or critical hazards.

Section 13. Disposal considerations

- **Disposal methods**
- : The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Section 14. Transport information

DOT Classification	TDG Classification	Mexico Classification	ΙΑΤΑ	IMDG
Not regulated.	Not regulated.	Not regulated.	Not regulated.	Not regulated.
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
No.	No.	No.	No.	No.
-	-	-	-	-
	Classification Not regulated No.	ClassificationClassificationNot regulated.Not regulatedNo.No.	ClassificationClassificationNot regulated.Not regulatedNo.No.	ClassificationClassificationNot regulated.Not regulated.Not regulatedNo.No.No.

Section 14. Transport information

Special precautions for user	:	Multi-modal shipping descriptions are provided for informational purposes and do not consider container sizes. The presence of a shipping description for a particular mode of transport (sea, air, etc.), does not indicate that the product is packaged suitably for that mode of transport. All packaging must be reviewed for suitability prior to shipment, and compliance with the applicable regulations is the sole responsibility of the person offering the product for transport. People loading and unloading dangerous goods must be trained on all of the risks deriving from the substances and on all actions in case of emergency situations.
Transport in bulk according to IMO instruments	:	Not available.

Proper shipping name : No

: Not available.

Section 15. Regulatory information

TSCA 5(a)2 proposed significant new use rules: 2-Methyl-4-isothiazolin-3-one; reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)

SARA 313

SARA 313 (40 CFR 372.45) supplier notification can be found on the Environmental Data Sheet, where applicable.

California Prop. 65

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

International regulations

Montreal Protocol

Not listed.

Stockholm Convention on Persistent Organic Pollutants

Not listed.

 International lists
 : Australia inventory (AIIC): Not determined.

 China inventory (IECSC): Not determined.
 Japan inventory (CSCL): Not determined.

 Japan inventory (ISHL): Not determined.
 Japan inventory (ISHL): Not determined.

 Korea inventory (KECI): Not determined.
 New Zealand Inventory of Chemicals (NZIoC): Not determined.

 Philippines inventory (PICCS): Not determined.
 Taiwan Chemical Substances Inventory (TCSI): Not determined.

 Thailand inventory: Not determined.
 Turkey inventory: Not determined.

 Vietnam inventory: Not determined.
 Vietnam inventory: Not determined.

Section 16. Other information

Hazardous Material Information System (U.S.A.)



The customer is responsible for determining the PPE code for this material. For more information on HMIS® Personal Protective Equipment (PPE) codes, consult the HMIS® Implementation Manual.

Date of issue/Date	of revision	: 7/12/2024	Date of previous issue	: 5/29/2024
DB43007	Dutch Boy® Dura Wea Ultra White	ther 1000 Exteri	or Semi-Gloss	

Version : 4.02 11/13 SHW-85-NA-GHS-US

Section 16. Other information

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings and the associated label are not required on SDSs or products leaving a facility under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered trademark and service mark of the American Coatings Association, Inc.

Procedure used to derive the classification

	Classification Justification	
SKIN SENSITIZATION - C GERM CELL MUTAGENIC CARCINOGENICITY - Cat TOXIC TO REPRODUCTI	FY - Category 1 Calculation method gory 2 Calculation method	
<u>History</u>		
Date of printing	: 7/12/2024	
Date of issue/Date of revision	: 7/12/2024	
Date of previous issue	: 5/29/2024	
Version	: 4.02	
Key to abbreviations : ATE = Acute Toxicity Estimate BCF = Bioconcentration Factor GHS = Globally Harmonized System of Classification and Labelling of Chemicals IATA = International Air Transport Association IBC = Internediate Bulk Container IMDG = International Maritime Dangerous Goods LogPow = logarithm of the octanol/water partition coefficient MARPOL = International Convention for the Prevention of Pollution From Ships, 197 as modified by the Protocol of 1978. ("Marpol" = marine pollution) N/A = Not available SGG = Segregation Group UN = United Nations		

Indicates information that has changed from previously issued version.

Notice to reader

It is recommended that each customer or recipient of this Safety Data Sheet (SDS) study it carefully and consult resources, as necessary or appropriate, to become aware of and understand the data contained in this SDS and any hazards associated with the product. This information is provided in good faith and believed to be accurate as of the effective date herein. However, no warranty, express or implied, is given. The information presented here applies only to the product as shipped. The addition of any material can change the composition, hazards and risks of the product. Products shall not be repackaged, modified, or tinted except as specifically instructed by the manufacturer, including but not limited to the incorporation of products not specified by the manufacturer, or the use or addition of products in proportions not specified by the manufacturer. Regulatory requirements are subject to change and may differ between various locations and jurisdictions. The customer/buyer/user is responsible to ensure that his activities comply with all country, federal, state, provincial or local laws. The conditions for use of the product are not under the control of the manufacturer; the customer/buyer/user is responsible to determine the conditions necessary for the safe use of this product. The customer/buyer/user should not use the product for any purpose other than the purpose shown in the applicable section of this SDS without first referring to the supplier and obtaining written handling instructions. Due to the proliferation of sources for information such as manufacturer-specific SDS, the manufacturer cannot be responsible for SDSs obtained from any other source.

: 5/29/2024