

an EnPro Industries company

Material Safety Data Sheet Diamond-Hyde Primer

SECTION 1:	Identif	ication
Product Name:		Diamond-Hyde Primer
Code:		D14759
Specific Uses:		Aqueous based coating, containing no lubricant which can be used as a
		stand-alone coating or as a primer/sealer coat in conjunction with other
		systems.
SECTION 2:	Hazard	s Identification
OSHA/HCS statu	JS	This material is considered hazardous by the OSHA Hazard Communication
		Standard (29 CFR 1910.1200).
Classification of	the	
substance or mixture		CARCINOGENICITY - Category 1A
GHS label eleme	<u>ents</u>	
Hazard pictograms		
Signal word		Danger
Hazard statements		May cause cancer.

Precautionary statement	t <u>s</u>
Prevention	Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required.
Response	IF exposed or concerned: Get medical attention.
Storage	Store locked up.
Disposal	Dispose of contents and container in accordance with all local, regional, national and international regulations.
Hazards not otherwise Classified	None known.



4990 Iris Street, Wheat Ridge Co 80033 Phone: 303-988-1242, Fax: 303-988-1922

SECTION 3: Composition/Information on Ingredients

Substance/mixture

Mixture

Ingredient name	% by weight	CAS number
propane-1,2-diol Poly(oxy-1,2-ethanediyl), α -[(1,1,3,3-tetramethylbutyl)phenyl]- ω -hydroxy-nickel monoxide	5 - 10 1 - 5 0.1 - 1	57-55-6 9036-19-5 1313-99-1
Occupational exposure limits, if available, are listed in Section 8.	·	·

Description of necessary first aid measures Inhalation Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if preathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. Skin contact Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Wash contaminated clothing throughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Get medical attention. Wash clothing before reuse. Clean shoes thoroughly before reuse. Eye contact Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention. Ingestion Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. Most important symptorms/ef	SECTION 4: First Ai	d Measures		
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InhalationNo known significant effects or critical hazards.Skin contactNo known significant effects or critical hazards.Eye contactNo known significant effects or critical hazards.IngestionNo known significant effects or critical hazards.Over-exposure signs/symptomsInhalationNo specific data.Skin contactNo specific data.Eye contactNo specific data.IngestionNo specific data.IngestionNo specific data.Indication of immediate medical attention and special treatment needed, if necessary	Potential acute health e	ffects		
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Eye contactNo known significant effects or critical hazards.IngestionNo known significant effects or critical hazards.Over-exposure signs/symptomsInhalationNo specific data.Skin contactNo specific data.Eye contactNo specific data.IngestionNo specific data.IngestionNo specific data.Indication of immediate medical attention and special treatment needed, if necessary	Skin contact	No known significant effects or critical hazards.		
IngestionNo known significant effects or critical hazards.Over-exposure signs/symptomsInhalationNo specific data.Skin contactNo specific data.Eye contactNo specific data.IngestionNo specific data.IngestionNo specific data.Indication of immediate medical attention and special treatment needed, if necessary	Eye contact	No known significant effects or critical hazards.		
Over-exposure signs/symptomsInhalationNo specific data.Skin contactNo specific data.Eye contactNo specific data.IngestionNo specific data.Indication of immediate medical attention and special treatment needed, if necessary	Ingestion	No known significant effects or critical hazards.		
Inhalation No specific data. Skin contact No specific data. Eye contact No specific data. Ingestion No specific data. Indication of immediate medical attention and special treatment needed, if necessary	Over-exposure signs/symptoms			
Skin contact No specific data. Eye contact No specific data. Ingestion No specific data. Indication of immediate medical attention and special treatment needed, if necessary	Inhalation	No specific data		
Eye contact No specific data. Ingestion No specific data. Indication of immediate medical attention and special treatment needed, if necessary	Skin contact	No specific data.		
Ingestion No specific data. Indication of immediate medical attention and special treatment needed, if necessary	Eve contact	No specific data.		
Indication of immediate medical attention and special treatment needed, if necessary	Ingestion	No specific data.		
Indication of immediate medical attention and special treatment needed, if necessary	ingestion	no specific data.		
	Indication of immediate 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.		
See toxicological inform	ation (Section 11)		
SECTION 5: Firefig	nting Measures		
Extinguishing media			
Suitable extinguishing	Lice an extinguishing agent suitable for the surrounding fire		
media	Use an extinguishing agent suitable for the surrounding life.		
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.			
National Fire Protection	Association (ILSA)		
	Flammability		
Health	Instability/Reactivity		
\sim	Special		
Hazardous thermal	Deserve estaine was durate way, include the fallouting wasterials.		
decomposition products	carbon dioxido		
	carbon monoxide		
	sulfur oxides		
	halogenated compounds		
	metal oxide/oxides		
Special protective action	Special protective actions		
for fire-fighters	Promptly isolate the scene by removing all persons from the vicinity of the		
	incident if there is a fire. No action shall be taken involving any personal risk		
	or without suitable training.		
Special protective equin	ment		
for fire-fighters	Fire-fighters should wear appropriate protective equipment and self-		
IN THE HEILERS	contained breathing annaratus (SCRA) with a full face-niece operated in		
	positive pressure mode.		

SECTION 6:	Accidental Release Measure	
Personal precautions, protective equipment and emergency procedures		
For non-emerg	ency	
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 specialised 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 containment 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: H	Handling and Storage
Conditions for saf	e storage, including any
incompatibilities	Store between the following temperatures: 5 to 30°C (41 to 86°F). Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (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.
Precautions for sa	afe handling
Protective measu	Put on appropriate personal protective equipment (see Section 8). Avoid exposure - obtain special instructions before use. 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 genera	
occupational hygi	ene 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.

SECTION 8: Exposu	ire Controls/Persoi	nal Protection	
Control parameters	14		
Occupational exposure in		Exposure limits	
propage-1 2-diol	57-55-6	AIHA WEFL (United States 10/2011)	
nickel monoxide	1313-99-1	TWA: 10 mg/m ³ 8 hours. OSHA PEL 1989 (United States, 3/1989). TWA: 1 mg/m ³ , (as Ni) 8 hours. NIOSH REL (United States, 10/2013). TWA: 0.015 mg/m ³ , (as Ni) 10 hours. ACGIH TLV (United States, 4/2014). TWA: 0.2 mg/m ³ , (as Ni) 8 hours. Form: Inhalable fraction OSHA PEL (United States, 2/2013). TWA: 1 mg/m ³ , (as Ni) 8 hours.	
Appropriate engineerinį Controls	g If user operations	s generate dust, fumes, gas, vapor or mist, use process	
	enclosures, local worker exposure statutory limits	exhaust ventilation or other engineering controls to keep to airborne contaminants below any recommended or	
Environmental exposure	2		
controls	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.		
Individual protection me	<u>easures</u>		
Hygiene measures	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. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.		
Respiratory protection	Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.		
Skin protection			
Hand protection	Chemical-resistar should be worn a assessment indica by the glove man retaining their pro breakthrough for manufacturers. In protection time o	nt, impervious gloves complying with an approved standard t all times when handling chemical products if a risk ates this is necessary. Considering the parameters specified ufacturer, check during use that the gloves are still otective properties. It should be noted that the time to any glove material may be different for different glove on the case of mixtures, consisting of several substances, the of the gloves cannot be accurately estimated.	
Body protection	Personal protecti task being perfor specialist before l	ve equipment for the body should be selected based on the med and the risks involved and should be approved by a handling this product.	

Other skin protection	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.
Eye/face protection	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.

SECTION 9: Physica	al and Chemical Properties
Physical state	Liquid.
Color	Tan. [Dark]
Odor	Characteristic.
Odor threshold	Not available.
рН	Not available.
Melting point	Not available.
Boiling point	100°C (212°F)
Flash point	Closed cup: 94°C (201.2°F)
Evaporation rate	<1 (ether (anhydrous) = 1)
Flammability	
(solid, gas)	Not available.
Lower and upper	
explosive (flammable)	
limits	Lower: 13%
Vapor pressure	Not available.
Vapor density	Not available.
Relative density	1.195
Solubility	Not available.
Solubility in water	Not available.
Auto-ignition	
temperature	Not available.
Decomposition	
temperature	>265°C (>509°F)
Viscosity	Not available.

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	Under normal conditions of storage and use, hazardous reactions will not	
	occur. reactions	
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.	

Information on toxicological	effects								
						-			
Product/ingredient name	duct/ingredient name Result			Species		Dose		Exposure	
propane-1,2-diol	LD50 Dermal LD50 Oral		Rabbit		20800 mg/kg 20 g/kg		-		
Irritation/Corrosion								1	
Product/ingredient name	Result		Spec	ies	Score	Ex	posure	Observation	
propane-1,2-diol	Eyes - N	/ild irritant	Rabi	bit	-	24	hours 500	-	
	Eyes - N	/ild irritant	Rabi	oit	-	10	ligrams 0 Iligrams	-	
	Skin - M	loderate irri	tant Child		-	- 96 hours 30 - Percent		-	
	Skin - M	lild irritant	Hum	an	-	cor 16 50	ntinuous 8 hours 0	-	
	Skin - M	loderate irri	tant Hum	an	-	mi 72 mil	lligrams hours 104 ligrams	-	
	Skin - M	lild irritant	Wom	ian	-	96 Pe	hours 30 rcent	-	
Poly(oxy-1,2-ethanediyl), α- ,1,3,3-tetramethylbutyl)phen	[(1 Eyes - N yl	/lild irritant	Rabb	Rabbit		15	15 milligrams -		
	Eyes - S	Severe irrita	ant Rabbit		-	1 F	Percent	-	
Mutagenicity Carcinogenicity Conclusion/Summary	No specif No specif : IARC cla studies o particles shown to number o exposure from ove observed response effect of studies o nor were associate our produ TiO2 in th	ic data. ic data ssifies Tid f the effe were of v cause ca of author to ultraf rloading l, accordin s to high TiO2 dust n more th other ch d with ex ucts shou	D2 as a 2B ca cts of the inl various sizes. Incer in anim ities have rev ine particles the respirato ng to the scie levels of dus t in the work nan 20,000 T ronic disease sposure to Ti Id not be cla cts	rcinoge halation Particle als experies and have ry syste entists, f t in the ers was iO2 ind ers, inclu O2 dust ssified o	en base of TiO es defin osed to those s ve conc em of th are not lungs. not ob ustry w ding ot c. Accor on the l	d in larg 2 on ani ded as "u very hig tudies a cluded th he animation due to 1 additional served in vorkers i cher resp rdingly, v basis of	e part or mals in v ultrafine" gh conce nd other nat the e als. The e TiO2 but ion, a car in severa n Europe piratory c we have the prese	a several which the TiO2 have been ntrations. A s involving ffects result effects are general crinogenic l epidemiology and the USA, diseases, concluded that ence of	
Product/ingredient name	OSHA	IARC	NTP						
nickel monoxide	-	1	Known to be a	a human (carcinog	en.			
Reproductive toxicity Teratogenicity Specific target organ toxi	No specif No specif city	ic data. ic data.							

Specific target organ to	
(repeated exposure)	No specific data
Aspiration hazard	No specific data.
Information on the likely	V
routes of exposure	, Not available.
Potential acute health e	<u>ffects</u>
Eye contact	No known significant effects or critical hazards.
Inhalation	No known significant effects or critical hazards.
Skin contact	No known significant effects or critical hazards.
Ingestion	No known significant effects or critical hazards.
Symptoms related to the	e physical, chemical and toxicological characteristics
Eve contact	No specific data
Inhalation	No specific data
Skin contact	No specific data
Ingestion	No specific data
ingestion	
Delayed and immediate	effects and also chronic effects from short and long term exposure Short
term exposure	
Potential immediate	
Effects	Not available.
Potential delayed effect	s Not available.
Long term exposure	
Potential immediate	Not available.
effects	
Potential delayed effect	s Not available.
Potential chronic health	effects
No specific data	
General	No known significant effects or critical hazards.
Carcinogenicity	May cause cancer. Risk of cancer depends on duration and level of
caremogenery	exposure.
Mutagenicity	No known significant effects or critical hazards.
Teratogenicity	No known significant effects or critical hazards.
Developmental effects	No known significant effects or critical hazards.
Fertility effects	No known significant effects or critical hazards.
Numerical measures of	toxicity
Acute toxicity estimates	
Route	ATE value
Oral	42249.4 mg/kg

Toxicity				
Product/ingredient name	Result		Species	Exposure
propane-1,2-diol	Acute EC50 110 ppm Fresh wat Acute LC50 1000 mg/l Marine w	er ater	Daphnia - Daphnia magna Crustaceans - <u>Chaetogammarus</u> marinus - Young	48 hours 48 hours
Poly(oxy-1,2-ethanediyl), α-[(1 ,1,3,3-tetramethylbutyl)phenyl]-ω- <u>hydroxy</u> -	Acute LC50 710000 µg/l Fresh water [(1 Acute LC50 10800 µg/l Marine water Acute LC50 8600 µg/l Fresh water Acute LC50 7200 µg/l Fresh water		Fish - <u>Eimephales</u> promelas Crustaceans - <u>Pandalus</u> montagui - Adult	96 hours 48 hours
			Daphnia - Daphnia magna -	48 hours
			Fish - Oncorhynchus mykiss	96 hours
NO SDECILIC DATA				
Bioaccumulative potential				
<u>Bioaccumulative potential</u> Product/ingredient name	LogPos	BCF	Potential	
Bioaccumulative potential Product/ingredient name propane-1,2-diol nickel monoxide	LogP -0.92	BCF 5613	Potential Iow high	
Bioaccumulative potential Product/ingredient name propane-1,2-diol nickel monoxide	LogP -0.92 -	BCF 5613	Potential Iow high	
Bioaccumulative potential Product/ingredient name propane-1,2-diol nickel monoxide Mobility in soil	LogP -0.92 -	BCF 5613	Potential Iow high	
Bioaccumulative potential Product/ingredient name propane-1,2-diol nickel monoxide Mobility in soil Soil/water partition coefficient (KOC)	-0.92 - Not available.	BCF 5613	Potential Iow high	

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. **RCRA** classification Not applicable.

SECTION 1	CTION 14: Transport Information							
		DOT Classification	TDG Classification	Mexico Classification	IMDG	ATA		
UN Number	r	Not regulated.	Not regulated.	Not regulated.	Not regulated.	Not regulated.		
UN proper shipping na	ame	-	-	-	-	-		
Transport hazard clas	s(<u>es</u>)	-	-	-	-	-		
Packing gr	oup	-	-	-	-	-		
Environme hazards	ntal	No.	No.	No.	No.	No.		
Additional information	ı	-	-	-	-	-		
Special pre	cauti	ons for user	Transport with containers tha transporting th accident or spi	in user's premis t are upright and le product know llage.	es: always transp I secure. Ensure f what to do in th	bort in closed that persons e event of an		

SECTION 15: Regulatory Information U.S. Federal regulations TSCA 4(a) final test rules: 2,2',2"-(hexahydro-1,3,5-triazine-1,3,5triyl)triethanol TSCA 5(a)2 final significant new use rules: 2-methoxyethanol TSCA 8(a) PAIR: 1,4-dichlorobenzene; Poly(oxy-1,2-ethanediyl), α-[(1,1,3,3tetramethylbutyl)phenyl]-ω-hydroxy-; naphthalene; 4-Nonylphenol, branched, ethoxylated ; Siloxanes and Silicones, di-Me, reaction products with silica TSCA 8(a) CDR Exempt/Partial exemption: Not determined United States inventory (TSCA 8b): All components are listed or exempted. Clean Water Act (CWA) 307: 1,4-dichlorobenzene; naphthalene; diantimony pentoxide; nickel monoxide Clean Water Act (CWA) 311: 1,4-dichlorobenzene; naphthalene; ammonium benzoate; ethylenediamine Clean Air Act Section 112 (b) Hazardous Air Pollutants (HAPs) Listed Clean Air Act Section 602 Class I Substances Not listed Clean Air Act Section 602 Class II Substances Not listed SARA 302/304

					SARA 302 T		PQ	SARA	304 RQ
Name			%	EHS	(lbs)		(gallons)	(lbs)	(gallons)
ethylenediamine ethylene oxide		0 - 0 -	· 0.1 · 0.1	Yes. Yes.	10000 1000		1334.1	5000 10	667
SARA 304 RQ 89059221.9 lbs		1.9 Jbs / 40	0432886.7	kg [89	38275 ga	al / 3	3835051.7	LI LI	1
ARA 311/312				0.					
Classification	Delayed	(chronic) h	health haza	rd					
Composition/information of	n ingredie	nts							
Name		%	Fire hazard	Sud rele pres	lden ase of ssure	Re	active	Immediat e (acute) health hazard	Delayed (chronic) health hazard
propane-1,2-diol		5 - 10	No.	No.		No		Yes.	No.
Poly(oxy-1,2-ethanediyl), α-[(1,1,3,3- vdroxy-	1 - 5	No.	No.		No		Yes.	No.
nickel monoxide	YOUWAY-	0.1 - 1	No.	No.		No		No.	Yes.
ARA 313		1	I	1					I
	Product	name					CAS nu	ımber	%
Form R - Reporting	ethaned	ol					107-21-	1	1-5
requirements	nickel m	onoxide					1313-99	-1	0.1-1
tata regulations	redistr notice	ibution o attached	of the SDS I to copie	S sha es of	ll includ the SDS	le c sul	opying a bsequen	nd redis tly redis	tribution of tl tributed.
<u>State regulations</u> Massachusetts	redistr notice The fol	ibution o attachec lowing c	of the SDS d to copie	S sha es of i	ll includ the SDS re listed	le c sul	opying a bsequen ITANIUM	nd redis tly redis l DIOXID	tribution of th tributed. E; TIN DIOXID
State regulations Massachusetts	redistr notice The fol DUST;	ibution c attachec lowing c ETHYLEN	of the SDS d to copie componen IE GLYCO	S sha es of nts ar L; AL	ll includ the SDS re listed .UMINU	le c sul I: Tl	opying a bsequen TANIUM OXIDE	nd redis tly redis I DIOXID	tribution of th tributed. E; TIN DIOXIE
State regulations Massachusetts New York	The fol DUST; The fol	ibution c attachec lowing c ETHYLEN lowing c	of the SDS d to copie component IE GLYCO component	S sha es of f nts an L; AL nts an	II includ the SDS re listed UMINU re listed	le c sul I: Tl IM I: Et	opying a bsequen TANIUM OXIDE thylene g	nd redis tly redis I DIOXID	tribution of th tributed. E; TIN DIOXIE
<u>State regulations</u> Massachusetts New York New Jersey	The fol DUST; The fol The fol	ibution o attached lowing c ETHYLEN lowing c lowing c	of the SDS d to copie componen JE GLYCO componen componen	S sha es of nts an L; AL nts an nts an	Il includ the SDS re listed UMINU re listed re listed	le c sul I: TI IM I: E1 I: PI	opying a bsequen TANIUM OXIDE thylene § ROPYLEN	nd redis tly redis I DIOXID glycol IE GLYCC	tribution of th tributed. E; TIN DIOXID DL; 1,2-
<u>State regulations</u> Massachusetts New York New Jersey	The fol DUST; The fol The fol PROPA	ibution c attachec lowing c ETHYLEN lowing c lowing c NEDIOL;	of the SDS to copie component IE GLYCO component omponent TITANIU	S sha es of ts an L; AL nts an nts an M DI	Il includ the SDS re listed UMINU re listed re listed OXIDE;	le c sul I: TI I: E1 I: E1 TIT	opying a bsequen TANIUM OXIDE thylene & ROPYLEN ANIUM (nd redis tly redis I DIOXID glycol IE GLYCO DXIDE (T	tribution of th tributed. E; TIN DIOXID DL; 1,2- TO2); NICKEL
<u>State regulations</u> Massachusetts New York New Jersey	The fol DUST; The fol PROPA NICKEL	Iowing c Iowing c ETHYLEN Iowing c Iowing c NEDIOL; ADNO>	of the SDS to copie component te GLYCO component omponent TITANIU KIDE; ETH	S sha es of L; AL nts ai nts ai M DI IYLEN	II includ the SDS re listed UMINU re listed OXIDE; IE GLYC	le c ; sul !: TI !: E1 !: E1 !: PI TIT ;OL;	opying a bsequen TANIUM OXIDE thylene & ROPYLEN ANIUM (; 1,2-ETH	nd redis tly redis I DIOXID glycol IE GLYCC OXIDE (T ANEDIO	tribution of th tributed. E; TIN DIOXID DL; 1,2- TO2); NICKEL L; ALUMINUN
State regulations Massachusetts New York New Jersey Pennsylvania	The fol DUST; The fol PROPA NICKEL OXIDE; The fol	ibution o attached ETHYLEN lowing c lowing c NEDIOL; . MONO alpha-A lowing c	of the SDS to copie omponent E GLYCO omponent omponent TITANIU KIDE; ETH LUMINA	S sha es of L; AL nts ai nts ai M DI IYLEN	II includ the SDS re listed UMINU re listed OXIDE; IE GLYC	le c 5 sul 1: TI 1: E1 1: PI TIT COL; 1: 1.	opying a bsequen TANIUM OXIDE thylene & ROPYLEN ANIUM (: 1,2-ETH 2-PROP	nd redis tly redis I DIOXID glycol IE GLYCC OXIDE (T ANEDIO	tribution of th tributed. E; TIN DIOXID DL; 1,2- iO2); NICKEL L; ALUMINUM : TITANIUM (
<u>State regulations</u> Massachusetts New York New Jersey Pennsylvania	The fol DUST; The fol DECPA NICKEL OXIDE; The fol NICKEL	ibution c attachec Iowing c ETHYLEN Iowing c Iowing c NEDIOL; MONO3 alpha-A Iowing c	of the SDS d to copie component iE GLYCO component TITANIU KIDE; ETH LUMINA component NIO): 1.2	S sha es of L; AL nts ai M DI IYLEN nts ai -ETH	II includ the SDS re listed UMINU re listed OXIDE; IE GLYC re listed ANEDIC	le c sul : Tl I: Ef : Ef : TIT : CL; : 1, DL:	opying a bsequen TANIUM OXIDE thylene & ROPYLEN ANIUM (: 1,2-ETH .2-PROP/ ALUMIN	nd redis tly redis I DIOXID glycol IE GLYCO DXIDE (T ANEDIO ANEDIOL	tribution of th tributed. E; TIN DIOXIE DL; 1,2- TO2); NICKEL L; ALUMINUM C)E
<u>State regulations</u> Massachusetts New York New Jersey Pennsylvania Minnesota Hazardous	The fol DUST; The fol PROPA NICKEL OXIDE; The fol NICKEL NORE	ibution c attached lowing c ETHYLEN lowing c NEDIOL; . MONO> alpha-A lowing c . OXIDE (of the cor	of the SDS to copie component iE GLYCO component TITANIU KIDE; ETH LUMINA component NIO); 1,2 mponent	S sha es of L; AL nts an M DI NLEN nts an -ETH s are	II includ the SDS re listed UMINU re listed OXIDE; IE GLYC re listed ANEDIC listed.	le c sul I: TI I: TI I: E1 I: CL; I: 1, DL;	opying a bsequen TANIUM OXIDE thylene & ROPYLEN ANIUM (; 1,2-ETH ,2-PROP/ ALUMIN	nd redis tly redis I DIOXID glycol IE GLYCC OXIDE (T ANEDIOL UM OXII	tribution of th tributed. E; TIN DIOXIE DL; 1,2- TiO2); NICKEL L; ALUMINUM C)E
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Yes. Yes. Yes.

Yes.

listed in NDSL.

No. No. Yes.

No.

1,4-dichlorobenzene

Canada inventory

nternational regulations

1,4-dioxane ethylene oxide naphthalene

l

No. No. Yes. No.

Yes. Yes. Yes.

Yes.

At least one component is not listed in DSL but all such components are

International lists							
Australia inventory							
(AICS):	All components are listed or exempted.						
China inventory							
(IECSC):	All components are listed or exempted.						
Japan inventory:	Not determined.						
Korea inventory:	All component	s are listed or exemp	ted.				
Malaysia Inventory	·						
(EHS Register):	Not determined.						
New Zealand Inventory of							
Chemicals (NZIoC):	Not determined.						
Philippines inventory							
(PICCS):	Not determined.						
Taiwan inventory							
(CSNN):	Not determine	ed.					
Substances of very high concern							
Ingredient name		Intrinsic property	Status	Reference	Date of		
				number	revision		
Poly(oxy-1,2-ethanediyl), α-	[(1,1,3,3-	Substance of	Recommended	ED/169/2012	2/10/2014		
terrametriyioutyi)phenyij-ω-į	IXGIOXY-	equivalent concern for					

SECTION 16:	Other Information
Key to abbrevia	tions
	ATE = Acute Toxicity Estimate
	BCF = Bioconcentration Factor
	GHS = Globally Harmonized System of Classification and Labelling of
	Chemicals
	IATA = International Air Transport Association
	IBC = Intermediate Bulk Container
	IMDG = International Maritime Dangerous Goods
	LogPow = logarithm of the octanol/water partition coefficient
	MARPOL 73/78 = International Convention for the Prevention of Pollution
	From Ships,
	1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)
	UN = United Nations
References	Not available.