PolvOne

# MATERIAL SAFETY DATA SHEET **TAN**

Version Number 1.2 Revision Date 10/26/2012

Product Use

Page 1 of 8 Print Date 10/30/2012

#### 1. PRODUCT AND COMPANY IDENTIFICATION

#### POLYONE CORPORATION 33587 Walker Road, Avon Lake, OH 44012

Telephone Emergency telephone number	:	1 (440) 930-1000 or 1 (866) POLYONE CHEMTREC 1-800-424-9300 (24hrs for spill, leak, fire, exposure or accident).
Product name	:	TAN
Product code	:	CC10134364
Chemical Name	:	Mixture
CAS-No.	:	Mixture

### : Industrial Applications

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS-No.	Weight percent
Carbon black	1333-86-4	1 - 5
Iron oxide	1309-37-1	1 - 5
Calcium carbonate	1317-65-3	5 - 10
Titanium dioxide	13463-67-7	5 - 10

#### 3. HAZARDS IDENTIFICATION

#### **EMERGENCY OVERVIEW**

This mixture has not been evaluated as a whole. Information provided on the health effects of this product is based on individual components. All ingredients are bound and potential for hazardous exposure as shipped is minimal. However, some vapors may be released upon heating and the end-user (fabricator) must take the necessary precautions (mechanical ventilation, respiratory protection, etc.) to protect employees from exposure.

#### POTENTIAL HEALTH EFFECTS

Routes of Exposure:	: Inhalation, Ingestion, Skin contact
Acute exposure	
Inhalation	: Particulates, like other inert materials can be mechanically irritating. Excessive inhalation of product vapors, especially during heating or processing, may be irritating to respiratory system.
Ingestion	: May be harmful if swallowed.
Eyes Skin	<ul><li>Particulates, like other inert materials can be mechanically irritating.</li><li>Experience shows no unusual dermatitis hazard from routine handling.</li></ul>
	r · · · · · · · · · · · · · · · · · · ·

PolyOne.

# MATERIAL SAFETY DATA SHEET **TAN**

Version Number 1.2 Revision Date 10/26/2012 Page 2 of 8 Print Date 10/30/2012

Medical Conditions : None known.						
Aggravated by Exposure:						
	4. FIRST AID MEASURES					
Inhalation	: Move to fresh air in case of accidental inhalation of fumes from overheating or combustion. When symptoms persist or in all or doubt seek medical advice.					
Ingestion	Do not induce vomiting without medical advice. When sympt persist or in all cases of doubt seek medical advice.	oms				
Eyes	Rinse immediately with plenty of water, also under the eyelids least 15 minutes. If eye irritation persists, seek medical attenti					
Skin	: Wash off with soap and plenty of water. If skin irritation persiseek medical attention.	ists				
	5. FIREFIGHTING MEASURES					
Flash point	not applicable					
Flammable Limits						
Upper explosion limit	: not applicable					
Lower explosion limit	not applicable					
Auto-ignition temperature	not applicable					
Suitable extinguishing media	: Carbon dioxide blanket, Water spray, Dry powder, Foam.					
Special Fire Fighting	: Fullface self-contained breathing apparatus (SCBA) used in po	ositive				
Procedures	pressure mode should be worn to prevent inhalation of airborn					
	contaminants.					
Unusual Fire/Explosion Hazards	<ul> <li>Carbon dioxide (CO2), carbon monoxide (CO), oxides of nitro (NOx), other hazardous materials, and smoke are all possible.</li> <li>emit Hydrogen Chloride (HCl) or Carbon Monoxide (CO) und conditions.</li> </ul>	May				
	ACCIDENTAL RELEASE MEASURES					
Personal precautions	: Wear appropriate personal protection during cleanup, such as impervious gloves, boots and coveralls.					
Environmental precautions	: Should not be released into the environment. The product sho be allowed to enter drains, water courses or the soil.	uld not				
Methods for cleaning up	: Clean up promptly by sweeping or vacuum. Package all mater plastic, cardboard or metal containers for disposal.	rial in				

PolyOne.

# MATERIAL SAFETY DATA SHEET **TAN**

### Version Number 1.2 Revision Date 10/26/2012

Page 3 of 8 Print Date 10/30/2012

Handling	:	Take measures to prevent the build up of electrostatic charge. Heat only in areas with appropriate exhaust ventilation.
Storage	:	Keep containers dry and tightly closed to avoid moisture absorption and contamination. Keep in a dry, cool place.
8. EX	POSU	RE CONTROLS/PERSONAL PROTECTION
Respiratory protection	:	No personal respiratory protective equipment normally required.
Eye/Face Protection	:	Safety glasses with side-shields
Hand protection	:	Protective gloves
Skin and body protection	:	Long sleeved clothing
Additional Protective Measures	:	Safety shoes
General Hygiene Considerations	:	Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.
Engineering measures	:	Heat only in areas with appropriate exhaust ventilation. Provide appropriate exhaust ventilation at machinery.

PolyOne

# MATERIAL SAFETY DATA SHEET **TAN**

Version Number 1.2 Revision Date 10/26/2012 Page 4 of 8 Print Date 10/30/2012

Components	Value	Exposure time	Exposure type	List:
Calcium carbonate	5 mg/m3	PEL:	Respirable fraction.	OSHA Z1
	15 mg/m3	PEL:	Total dust.	OSHA Z1
	10 mg/m3	Time Weighted Average (TWA):		MX OEL
	20 mg/m3	Short Term Exposure Limit (STEL):		MX OEL
Carbon black	3.5 mg/m3	Recommended exposure limit (REL):		NIOSH
	0.1 mg/m3	Recommended exposure limit (REL):		NIOSH
	3.5 mg/m3	PEL:		OSHA Z1
	3.5 mg/m3	Time Weighted Average (TWA):		OSHA Z1A
	3.5 mg/m3	Time Weighted Average (TWA):		MX OEL
	7 mg/m3	Short Term Exposure Limit (STEL):		MX OEL
	3 mg/m3	Time Weighted Average (TWA):	Inhalable fraction.	ACGIH
Iron oxide	10 mg/m3	PEL:	Fume.	OSHA Z1
	5 mg/m3	Time Weighted Average (TWA):	as Fe	MX OEL
	10 mg/m3	Short Term Exposure Limit (STEL):	as Fe	MX OEL
	5 mg/m3	Time Weighted Average (TWA):	Respirable fraction.	ACGIH
Titanium dioxide	10 mg/m3	Time Weighted Average (TWA):		ACGIH
	15 mg/m3	PEL:	Total dust.	OSHA Z1
	10 mg/m3	Time Weighted Average (TWA):	Total dust.	OSHA Z1A
	10 mg/m3	Time Weighted Average (TWA):	as Ti	MX OEL
	20 mg/m3	Short Term Exposure Limit (STEL):	as Ti	MX OEL

### 9. PHYSICAL AND CHEMICAL PROPERTIES

- Form Appearance Colour Odour Melting point/range Boiling Point: Water solubility
- solid
  pellets
  TAN
  very faint
  Not determined
  not applicable
  insoluble
- Evaporation rate Specific Gravity Bulk density Vapour pressure Vapour density pH
- Not applicable
  Not determined
  Not established
  not applicable
  not applicable
  not applicable

### **10. STABILITY AND REACTIVITY**

4/8



### **MATERIAL SAFETY DATA SHEET** TAN

Version Number 1.2 Revision Date 10/26/2012		Page 5 of 8 Print Date 10/30/2012
Stability	:	The product is stable if stored and handled as prescribed.
Hazardous Polymerization	:	Will not occur.
Conditions to avoid	:	Keep away from oxidizing agents and open flame. To avoid thermal decomposition, do not overheat.
Incompatible Materials	:	Avoid contact with strong oxidizers. Also, avoid contact with acetal or acetal copolymers and with amine containing materials during processing. At processing conditions, these materials are mutually destructive and involve rapid degradation. Thoroughly purge and mechanically clean processing equipment to avoid even trace quantities of these materials from coming in contact with each other. Prevent cross contamination of feedstocks.
Hazardous decomposition products	:	Carbon dioxide (CO2), carbon monoxide (CO), oxides of nitrogen (NOx), hydrogen chloride (HCl), other hazardous materials, and smoke are all possible. Prolonged heating (approximately 30 minutes or more) above 392 °F (200 °C) or short term heating at 482 °F (250 °C) may result in product decomposition and evolution of carbon monoxide and hydrogen chloride.

### **11. TOXICOLOGICAL INFORMATION**

This mixture has not been evaluated as a whole for health effects. Exposure effects listed are based on existing health data for the individual components which comprise the mixture.

<u>Toxicity Overview</u> This product contains the following components which in their pure form have the following characteristics:

CAS-No.	Chemical Name	Effect	Target Organ
1333-86-4	Carbon black	Systemic effects	Eyes, Respiratory system.
1309-37-1	Iron oxide	Systemic effects	Respiratory system.
1317-65-3	Calcium carbonate	Irritant	Eyes, Skin.
		Systemic effects	Eyes, Skin, Respiratory
			system.
13463-67-7	Titanium dioxide	Systemic effects	Respiratory system.

LC50 / LD50

This product contains the following components which, in their pure form, have the following toxicity data:

CAS-No.	Chemical Name	Route	Value	Species
1333-86-4	Carbon black	Oral LD50	> 15,400 mg/kg	rat
		Dermal LD50	> 3  gm/kg	rabbit

Carcinogenicity

This product contains the following components which, in their pure form, have the following carcinogenicity data:

CAS-No.	Chemical Name	OSHA	IARC	NTP



# MATERIAL SAFETY DATA SHEET **TAN**

# Version Number 1.2

Revision Date 10/26/2012

Page 6 of 8 Print Date 10/30/2012

13463-67-7 Tita	nium dioxide	no	2B	no
IARC Carcinogen Classifica	tions:			
1 - The component is carcino				
2A - The component is prob				
2B - The component is possi	bly carcinogenic to hum	nans.		
NTP Carcinogen Classificati	ions:			
1 - The component is known				
2 - The component is reason	ably anticipated to be a	human carcinogen.		
Additional Health Hazard	Information:			
Carbon black 1333-86-4		y inhalation toxicolo	gists believe tha	t the tumor
response observed in the re				
exposure. However, the IA				
"Thoma is sufficient outday	aa in avnanimantal anii	mals for the carcinog	enicity of carbor	ı black''. Base
"There is sufficient evidend	ce m experimental ann	mais for the caremog		
this evaluation, along with	their evaluation of ina	dequate evidence of	carcinogenicity i	n humans, IA
this evaluation, along with overall evaluation is that "	their evaluation of ina Carbon Black is possib	dequate evidence of o bly carcinogenic to hu	carcinogenicity i imans (Group 2)	n humans, IA B). The IARC
this evaluation, along with overall evaluation is that '' listing only pertains to airb	their evaluation of ina Carbon Black is possib oorne, unbound carbon	dequate evidence of o oly carcinogenic to hu i black particles of re	carcinogenicity i imans (Group 2) spirable size. Ca	n humans, IA B). The IARC arbon Black h
this evaluation, along with overall evaluation is that '' listing only pertains to airt not been listed as a carcino	their evaluation of ina Carbon Black is possib oorne, unbound carbon gen by the National To	dequate evidence of o oly carcinogenic to hu a black particles of re oxicology Program (N	carcinogenicity i umans (Group 2) spirable size. Ca VTP) or the Occu	n humans, IA B). The IARC arbon Black h upational Safe
this evaluation, along with overall evaluation is that " listing only pertains to airb not been listed as a carcino and Health Administration	their evaluation of ina Carbon Black is possib porne, unbound carbon gen by the National To a (OSHA). The Nationa	dequate evidence of o oly carcinogenic to hu o black particles of re oxicology Program (N ol Institute of Occupa	carcinogenicity i umans (Group 2) spirable size. Ca VTP) or the Occu tional Safety an	n humans, IA B). The IARC arbon Black h upational Safe d Health (NIC
this evaluation, along with overall evaluation is that " listing only pertains to airt not been listed as a carcino and Health Administration criteria document on carbo	their evaluation of ina Carbon Black is possib oorne, unbound carbon gen by the National To (OSHA). The Nationa on black recommends t	dequate evidence of o oly carcinogenic to hu o black particles of re oxicology Program (N ol Institute of Occupa that only carbon blace	carcinogenicity i imans (Group 2) spirable size. Ca VTP) or the Occu tional Safety an k with PAH (pol	n humans, IA B). The IARC arbon Black h upational Safe d Health (NIC
this evaluation, along with overall evaluation is that " listing only pertains to airb not been listed as a carcino and Health Administration criteria document on carbo	their evaluation of ina Carbon Black is possib oorne, unbound carbon gen by the National To (OSHA). The Nationa on black recommends t r than 0.1% be conside	dequate evidence of o oly carcinogenic to hu a black particles of re oxicology Program (N al Institute of Occupa that only carbon blac ered suspect carcinog	carcinogenicity i imans (Group 2) spirable size. Ca VTP) or the Occu tional Safety an k with PAH (pol	n humans, IA B). The IARC arbon Black h upational Safe d Health (NIC
this evaluation, along with overall evaluation is that " listing only pertains to airb not been listed as a carcino and Health Administration criteria document on carbo	their evaluation of ina Carbon Black is possib oorne, unbound carbon gen by the National To (OSHA). The Nationa on black recommends t r than 0.1% be conside	dequate evidence of o oly carcinogenic to hu o black particles of re oxicology Program (N ol Institute of Occupa that only carbon blace	carcinogenicity i imans (Group 2) spirable size. Ca VTP) or the Occu itional Safety an k with PAH (pol	n humans, IA B). The IARC arbon Black h upational Safe d Health (NIC
this evaluation, along with overall evaluation is that "	their evaluation of ina Carbon Black is possib oorne, unbound carbon ogen by the National To (OSHA). The Nationa on black recommends to r than 0.1% be conside 12. ECOLOGICA	dequate evidence of o oly carcinogenic to hu o black particles of re oxicology Program (N al Institute of Occupa that only carbon blac ered suspect carcinog AL INFORMATION	carcinogenicity i imans (Group 2) spirable size. Ca VTP) or the Occu itional Safety an k with PAH (pol	n humans, IA B). The IARC arbon Black h upational Safe d Health (NIC
this evaluation, along with overall evaluation is that " listing only pertains to airh not been listed as a carcino and Health Administration criteria document on carbo hydrocarbon) levels greate Persistence and degradability	their evaluation of ina Carbon Black is possib oorne, unbound carbon ogen by the National To a (OSHA). The Nationa on black recommends to r than 0.1% be conside 12. ECOLOGICA y : Not readily bio	dequate evidence of o oly carcinogenic to hu o black particles of re oxicology Program (N al Institute of Occupa that only carbon blac ered suspect carcinog AL INFORMATION degradable.	carcinogenicity i imans (Group 2) spirable size. Ca VTP) or the Occu ational Safety an k with PAH (pol gens.	n humans, IA B). The IARC arbon Black h upational Safe d Health (NIC lynuclear aron
this evaluation, along with overall evaluation is that " listing only pertains to airh not been listed as a carcino and Health Administration criteria document on carbo hydrocarbon) levels greate Persistence and degradability	their evaluation of ina Carbon Black is possib oorne, unbound carbon ogen by the National To a (OSHA). The Nationa on black recommends to r than 0.1% be conside 12. ECOLOGICA y : Not readily bio	dequate evidence of o oly carcinogenic to hu o black particles of re oxicology Program (N al Institute of Occupa that only carbon blac ered suspect carcinog AL INFORMATION degradable. not readily available a	carcinogenicity i imans (Group 2) spirable size. Ca VTP) or the Occu ational Safety an k with PAH (pol gens.	n humans, IA B). The IARC arbon Black h upational Safe d Health (NIC lynuclear aron
this evaluation, along with overall evaluation is that " listing only pertains to airly not been listed as a carcino and Health Administration criteria document on carbo hydrocarbon) levels greate Persistence and degradability Environmental Toxicity	their evaluation of ina Carbon Black is possific orne, unbound carbon ogen by the National To a (OSHA). The National on black recommends to r than 0.1% be conside 12. ECOLOGICA y : Not readily bio : Chemicals are polymer matrix	dequate evidence of o oly carcinogenic to hu o black particles of re oxicology Program (N ol Institute of Occupa that only carbon blace ered suspect carcinog <u>AL INFORMATION</u> degradable. not readily available a	carcinogenicity i imans (Group 2) spirable size. Ca VTP) or the Occu itional Safety an k with PAH (pol gens.	n humans, IA B). The IARC arbon Black ha upational Safe d Health (NIC lynuclear aron
this evaluation, along with overall evaluation is that " listing only pertains to airly not been listed as a carcino and Health Administration criteria document on carbo hydrocarbon) levels greate Persistence and degradability Environmental Toxicity	their evaluation of ina Carbon Black is possific orne, unbound carbon ogen by the National To a (OSHA). The National on black recommends to r than 0.1% be conside 12. ECOLOGICA y : Not readily bio : Chemicals are polymer matrix : Chemicals are polymer matrix	dequate evidence of o oly carcinogenic to hu o black particles of re- oxicology Program (N ol Institute of Occupa that only carbon blace ered suspect carcinog <u>AL INFORMATION</u> degradable. not readily available a the subscript of the subscript of the subscript of the subscript of the subscript of the subscript of the subscript of the subscript of the subscript of the subscript of the subscript of the subscript of the subscript of the subscript o	carcinogenicity i imans (Group 2) spirable size. Ca VTP) or the Occu itional Safety an k with PAH (pol gens.	n humans, IA B). The IARC arbon Black ha upational Safe d Health (NIC lynuclear aron
this evaluation, along with overall evaluation is that " listing only pertains to airh not been listed as a carcino and Health Administration criteria document on carbo hydrocarbon) levels greate Persistence and degradability	their evaluation of ina Carbon Black is possific orne, unbound carbon ogen by the National To a (OSHA). The National on black recommends to r than 0.1% be conside 12. ECOLOGICA y : Not readily bio : Chemicals are polymer matrix	dequate evidence of o oly carcinogenic to hu o black particles of re- oxicology Program (N ol Institute of Occupa that only carbon blace ered suspect carcinog <u>AL INFORMATION</u> degradable. not readily available a the subscript of the subscript of the subscript of the subscript of the subscript of the subscript of the subscript of the subscript of the subscript of the subscript of the subscript of the subscript of the subscript of the subscript o	carcinogenicity i imans (Group 2) spirable size. Ca VTP) or the Occu itional Safety an k with PAH (pol gens.	n humans, IA B). The IARC arbon Black ha upational Safe d Health (NIC lynuclear aron
this evaluation, along with overall evaluation is that " listing only pertains to airly not been listed as a carcino and Health Administration criteria document on carbo hydrocarbon) levels greate Persistence and degradability Environmental Toxicity	their evaluation of ina Carbon Black is possific orne, unbound carbon ogen by the National To a (OSHA). The National on black recommends to r than 0.1% be conside 12. ECOLOGICA y : Not readily bio : Chemicals are polymer matrix : Chemicals are polymer matrix	dequate evidence of o oly carcinogenic to hu a black particles of re oxicology Program (N al Institute of Occupa that only carbon blace ered suspect carcinog <u>AL INFORMATION</u> degradable. not readily available a the state of the state of the state not readily available a the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the sta	carcinogenicity i imans (Group 2) spirable size. Ca VTP) or the Occu itional Safety an k with PAH (pol gens.	n humans, IA B). The IARC arbon Black ha upational Safe d Health (NIC lynuclear aron

possible recycling is preferred to disposal or incineration. The generator of waste material has the responsibility for proper waste classification, transportation and disposal in accordance with applicable federal, state/provincial and local regulations.

- Contaminated packaging : Recycling is preferred when possible. The generator of waste material has the responsibility for proper waste classification, transportation and disposal in accordance with applicable federal, state/provincial and local regulations.
  - **14. TRANSPORT INFORMATION**

PolyOne.

# MATERIAL SAFETY DATA SHEET **TAN**

SARA Title III Section 313 Toxic Chemicals:	ICAO/IATA : Refer to specific regulation. IMO/IMDG (maritime) : Refer to specific regulation. IMO/IMDG (maritime) : Refer to specific regulation. IS REGULATORY INFORMATION US Regulations: OSHA Status : Classified as hazardous based on components. TSCA Status : All components of this product are listed on or exempt from the TSCA Inventory. US. EPA CERCLA Hazardous Substances (40 CFR 302) not applicable California Proposition : Not applicable 65 SARA Title III Section 302 Extremely Hazardous Substance Unless specific chemicals are identified under this section, this product is Not Applicable under this regula SARA Title III Section 313 Toxic Chemicals: Unless specific chemicals are identified under this section, this product is Not Applicable under this regula SARA Title III Section 313 Toxic Chemicals: Unless specific chemicals are identified under this section, this product is Not Applicable under this regula Chemical Name CAS-No. Weight precent ZINC COMPOUNDS 557-05-1 0.10 - 1.00 Canadian Regulations: National Pollutant Release Inventory (NPRI) Chemical Name CAS-No. Weight precent ZINC COMPOUNDS 68187-51-9 10.00 - 30.00 Implicable III) 0.00 - 30.00 Implicable Chemical Name CAS-No. Weight NPRI ID# Zinc ferrite brown spinel (C.I. Pigment Yellow 68187-51-9 10.00 - 30.00 Implicable III) 0.00 - 30.00 Implicable Chemical Name CAS-No. Weight NPRI ID# Zinc ferrite brown spinel (C.I. Pigment Yellow 68187-51-9 10.00 - 30.00 Implicable III) 0.00 - 30.00 Implicable Chemical Name CAS-No. Weight NPRI ID#	sion Date 10/26/2012			Pr	Page 7 int Date 10/30/2
ICAO/IATA : Refer to specific regulation. IMO/IMDG (maritime) : Refer to specific regulation. IMO/IMDG (maritime) : Refer to specific regulation. IS. REGULATORY INFORMATION US Regulations: OSHA Status : Classified as hazardous based on components. TSCA Status : All components of this product are listed on or exempt from the TSCA Inventory. US. EPA CERCLA Hazardous Substances (40 CFR 302) not applicable California Proposition : Not applicable 65 SARA Title III Section 302 Extremely Hazardous Substance Unless specific chemicals are identified under this section, this product is Not Applicable under this reg SARA Title III Section 313 Toxic Chemicals: Unless specific chemicals are identified under this section, this product is Not Applicable under this reg Chemical Name <u>CAS-No. Weight percent</u> ZINC COMPOUNDS <u>557-05-1</u> 0.10 - 1.000 Canadian Regulations: National Pollutant Release Inventory (NPRI) Chemical Name <u>CAS-No. Weight NPRI ID#</u> Zinc ferrite brown spinel (C.I. Pigment Yellow 68187-51-9 10.00 - 30.00 II)	ICAO/IATA : Refer to specific regulation. IMO/IMDG (maritime) : Refer to specific regulation. IMO/IMDG (maritime) : Refer to specific regulation. IS. REGULATORY INFORMATION US Regulations: OSHA Status : Classified as hazardous based on components. TSCA Status : All components of this product are listed on or exempt from the TSCA Inventory. US. EPA CERCLA Hazardous Substances (40 CFR 302) not applicable California Proposition : Not applicable o5 SARA Title III Section 302 Extremely Hazardous Substance Unless specific chemicals are identified under this section, this product is Not Applicable under this regula SARA Title III Section 313 Toxic Chemicals: Unless specific chemicals are identified under this section, this product is Not Applicable under this regula Chemical Name CAS-No. Weight precent ZINC COMPOUNDS 557-05-1 0.10 - 1.00 Canadian Regulations: National Pollutant Release Inventory (NPRI) Mational Pollutant Release Inventory (NPRI)					
IMO/IMDG (maritime)       : Refer to specific regulation.         IS. REGULATORY INFORMATION         US Regulations:         OSHA Status       : Classified as hazardous based on components.         TSCA Status       : All components of this product are listed on or exempt from the TSCA Inventory.         US. EPA CERCLA Hazardous Substances (40 CFR 302)       not applicable         California Proposition       : Not applicable         California Proposition       : Not applicable         SARA Title III Section 302 Extremely Hazardous Substance         Unless specific chemicals are identified under this section, this product is Not Applicable under this reg         SARA Title III Section 313 Toxic Chemicals:         Unless specific chemicals are identified under this section, this product is Not Applicable under this reg         Chemical Name       CAS-No.       Weight percent         ZINC COMPOUNDS       68187-51-9       10.00 - 30.00         ZINC COMPOUNDS       557-05-1       0.10 - 1.00         Canadian Regulations:       National Pollutant Release Inventory (NPRI)       Meight percent         Chemical Name       CAS-No.       Weight percent         Zinc ferrite brown spinel (C.I. Pigment Yellow       68187-51-9       10.00 - 30.00	IMO/IMDG (maritime)       : Refer to specific regulation.         15. REGULATORY INFORMATION         US Regulations:         OSHA Status       : Classified as hazardous based on components.         TSCA Status       : All components of this product are listed on or exempt from the TSCA Inventory.         US. EPA CERCLA Hazardous Substances (40 CFR 302)       not applicable         California Proposition       : Not applicable         California Proposition       : Not applicable         SARA Title III Section 302 Extremely Hazardous Substance         Unless specific chemicals are identified under this section, this product is Not Applicable under this regula         SARA Title III Section 313 Toxic Chemicals:         Unless specific chemicals are identified under this section, this product is Not Applicable under this regula         Chemical Name       CAS-No.         VIC COMPOUNDS       68187-51-9         ZINC COMPOUNDS       557-05-1         Canadian Regulations:       National Pollutant Release Inventory (NPRI)         Chemical Name       CAS-No.       Weight percent         Zinc ferrite brown spinel (C.I. Pigment Yellow       68187-51-9       10.00 - 30.00	U.S. DOT Classification	: Not regulated	for transportation.		
15. REGULATORY INFORMATION         US Regulations:         OSHA Status         Classified as hazardous based on components.         TSCA Status         I Classified as hazardous based on components.         TSCA Status         Classified as hazardous based on components.         TSCA Status         I Classified as hazardous based on components.         TSCA Status         I Classified as hazardous product are listed on or exempt from the TSCA Inventory.         US. EPA CERCLA Hazardous Substances (40 CFR 302)         not applicable         California Proposition : Not applicable         SARA Title III Section 302 Extremely Hazardous Substance         Unless specific chemicals are identified under this section, this product is Not Applicable under this reg         SARA Title III Section 313 Toxic Chemicals:         Unless specific chemicals are identified under this section, this product is Not Applicable under this reg         Chemical Name         CAS-No.         Weight percent         ZINC COMPOUNDS         Colspan="2">SARA Title III Section 313 Toxic Chemicals:         Un	I5. REGULATORY INFORMATION         US Regulations:         OSHA Status       : Classified as hazardous based on components.         TSCA Status       : All components of this product are listed on or exempt from the TSCA Inventory.         US. EPA CERCLA Hazardous Substances (40 CFR 302)         not applicable         California Proposition : Not applicable         65         SARA Title III Section 302 Extremely Hazardous Substance         Unless specific chemicals are identified under this section, this product is Not Applicable under this regula         SARA Title III Section 313 Toxic Chemicals:         Unless specific chemicals are identified under this section, this product is Not Applicable under this regula         Chemical Name         CAS-No. Weight percent         ZINC COMPOUNDS         CAS-No.         Weight percent         Chemical Name         CAS-No.         Weight percent         ZINC COMPOUNDS         CAS-No.         Weight percent         ZINC COMPOUNDS         CAS-No.       Weight percent	ICAO/IATA	: Refer to specif	ic regulation.		
US Regulations: OSHA Status : Classified as hazardous based on components. TSCA Status : All components of this product are listed on or exempt from the TSCA Inventory. US. EPA CERCLA Hazardous Substances (40 CFR 302) not applicable California Proposition : Not applicable 65 SARA Title III Section 302 Extremely Hazardous Substance Unless specific chemicals are identified under this section, this product is Not Applicable under this reg SARA Title III Section 313 Toxic Chemicals: Unless specific chemicals are identified under this section, this product is Not Applicable under this reg SARA Title III Section 313 Toxic Chemicals: Unless specific chemicals are identified under this section, this product is Not Applicable under this reg <u>Chemical Name</u> <u>CAS-No. Weight percent</u> <u>ZINC COMPOUNDS</u> <u>557-05-1</u> 0.10 - 1.00 Canadian Regulations: National Pollutant Release Inventory (NPRI) <u>Chemical Name</u> <u>CAS-No. Weight NPRI ID#</u> <u>Zinc ferrite brown spinel (C.I. Pigment Yellow</u> <u>68187-51-9</u> 10.00 - 30.00 <u>IID</u>	US Regulations: OSHA Status : Classified as hazardous based on components. TSCA Status : All components of this product are listed on or exempt from the TSCA Inventory. US. EPA CERCLA Hazardous Substances (40 CFR 302) not applicable California Proposition : Not applicable 65 SARA Title III Section 302 Extremely Hazardous Substance Unless specific chemicals are identified under this section, this product is Not Applicable under this regula SARA Title III Section 313 Toxic Chemicals: Unless specific chemicals are identified under this section, this product is Not Applicable under this regula SARA Title III Section 313 Toxic Chemicals: Unless specific chemicals are identified under this section, this product is Not Applicable under this regula <u>Chemical Name</u> <u>CAS-No. Weight percent</u> <u>ZINC COMPOUNDS</u> <u>557-05-1</u> 0.10 - 1.00 Canadian Regulations: <u>National Pollutant Release Inventory (NPRI)</u> <u>Chemical Name</u> <u>CAS-No. Weight NPRI ID#</u> <u>Zinc ferrite brown spinel (C.I. Pigment Yellow</u> <u>68187-51-9</u> 10.00 - 30.00 <u>I19</u>	IMO/IMDG (maritime)	: Refer to specif	ic regulation.		
OSHA Status       : Classified as hazardous based on components.         TSCA Status       : All components of this product are listed on or exempt from the TSCA Inventory.         US. EPA CERCLA Hazardous Substances (40 CFR 302) not applicable	OSHA Status       : Classified as hazardous based on components.         TSCA Status       : All components of this product are listed on or exempt from the TSCA Inventory.         US. EPA CERCLA Hazardous Substances (40 CFR 302)		15. REGULATO	RY INFORMAT	ION	
TSCA Status       : All components of this product are listed on or exempt from the TSCA Inventory.         US. EPA CERCLA Hazardous Substances (40 CFR 302)         not applicable         California Proposition       : Not applicable         65         SARA Title III Section 302 Extremely Hazardous Substance         Unless specific chemicals are identified under this section, this product is Not Applicable under this reg         SARA Title III Section 313 Toxic Chemicals:         Unless specific chemicals are identified under this section, this product is Not Applicable under this reg         Chemical Name       CAS-No.         Weight percent         ZINC COMPOUNDS       557-05-1         Canadian Regulations:         National Pollutant Release Inventory (NPRI)         Chemical Name       CAS-No.         Vational Pollutant Release Inventory (NPRI)	TSCA Status       All components of this product are listed on or exempt from the TSCA Inventory.         US. EPA CERCLA Hazardous Substances (40 CFR 302)         not applicable         California Proposition         California Proposition         SARA Title III Section 302 Extremely Hazardous Substance         Unless specific chemicals are identified under this section, this product is Not Applicable under this regula         SARA Title III Section 313 Toxic Chemicals:         Unless specific chemicals are identified under this section, this product is Not Applicable under this regula         Chemical Name       CAS-No.         Weight percent         ZINC COMPOUNDS       557-05-1         Olio - 1.00         Canadian Regulations:         National Pollutant Release Inventory (NPRI)         Chemical Name       CAS-No.         Weight       NPRI ID#         Inverter to rown spinel (C.I. Pigment Yellow       68187-51-9         10.00 - 30.00       119	US Regulations:				
TSCA Inventory. US. EPA CERCLA Hazardous Substances (40 CFR 302) not applicable California Proposition : Not applicable 65 SARA Title III Section 302 Extremely Hazardous Substance Unless specific chemicals are identified under this section, this product is Not Applicable under this reg SARA Title III Section 313 Toxic Chemicals: Unless specific chemicals are identified under this section, this product is Not Applicable under this reg <u>Chemical Name</u> <u>CAS-No. Weight percent</u> <u>ZINC COMPOUNDS</u> 68187-51-9 10.00 - 30.00 <u>ZINC COMPOUNDS</u> 10.00 - 30.00 <u>Canadian Regulations:</u> <u>National Pollutant Release Inventory (NPRI)</u> <u>Chemical Name</u> <u>CAS-No. Weight NPRI ID#</u> <u>Zinc ferrite brown spinel (C.I. Pigment Yellow</u> 68187-51-9 10.00 - 30.00 <u>I19</u>	TSCA Inventory. US. EPA CERCLA Hazardous Substances (40 CFR 302) not applicable California Proposition : Not applicable 65 SARA Title III Section 302 Extremely Hazardous Substance Unless specific chemicals are identified under this section, this product is Not Applicable under this regula SARA Title III Section 313 Toxic Chemicals: Unless specific chemicals are identified under this section, this product is Not Applicable under this regula <u>Chemical Name</u> <u>CAS-No.</u> <u>Weight percent</u> <u>ZINC COMPOUNDS</u> <u>68187-51-9</u> 10.00 - 30.00 <u>ZINC COMPOUNDS</u> <u>557-05-1</u> 0.10 - 1.00 Canadian Regulations: <u>National Pollutant Release Inventory (NPRI)</u> <u>Chemical Name</u> <u>CAS-No.</u> <u>Weight NPRI ID#</u> <u>Zinc ferrite brown spinel (C.I. Pigment Yellow</u> <u>68187-51-9</u> 10.00 - 30.00 <u>119</u>	OSHA Status	: Classified as h	azardous based on	components.	
not applicable         California Proposition : Not applicable         65         SARA Title III Section 302 Extremely Hazardous Substance         Unless specific chemicals are identified under this section, this product is Not Applicable under this reg         SARA Title III Section 313 Toxic Chemicals:         Unless specific chemicals are identified under this section, this product is Not Applicable under this reg         Chemical Name       CAS-No.         Veright percent         ZINC COMPOUNDS       68187-51-9         ZINC COMPOUNDS       557-05-1         Out of the section structure (NPRI)         National Pollutant Release Inventory (NPRI)         Chemical Name       CAS-No.         Veright percent         Zinc ferrite brown spinel (C.I. Pigment Yellow       68187-51-9         10.00 - 30.00       10.00	not applicable         California Proposition : Not applicable         65         SARA Title III Section 302 Extremely Hazardous Substance         Unless specific chemicals are identified under this section, this product is Not Applicable under this regula         SARA Title III Section 313 Toxic Chemicals:         Unless specific chemicals are identified under this section, this product is Not Applicable under this regula         Chemical Name       CAS-No.         Veight percent         ZINC COMPOUNDS       68187-51-9         IO.00 - 30.00         ZINC COMPOUNDS         Chandian Regulations:         National Pollutant Release Inventory (NPRI)         Chemical Name       CAS-No.         Veight percent         Zinc ferrite brown spinel (C.I. Pigment Yellow       68187-51-9         10.00 - 30.00       119)	TSCA Status			are listed on or exe	empt from the
California Proposition : Not applicable         65         SARA Title III Section 302 Extremely Hazardous Substance         Unless specific chemicals are identified under this section, this product is Not Applicable under this reg         SARA Title III Section 313 Toxic Chemicals:         Unless specific chemicals are identified under this section, this product is Not Applicable under this reg         Chemical Name       CAS-No.         Veight percent         ZINC COMPOUNDS       68187-51-9         IOLIO - 1.000         Canadian Regulations:         National Pollutant Release Inventory (NPRI)         Chemical Name       CAS-No.         Veight percent         Zinc ferrite brown spinel (C.I. Pigment Yellow       68187-51-9         10.00 - 30.00       119)	California Proposition : Not applicable         65         SARA Title III Section 302 Extremely Hazardous Substance         Unless specific chemicals are identified under this section, this product is Not Applicable under this regula         SARA Title III Section 313 Toxic Chemicals:         Unless specific chemicals are identified under this section, this product is Not Applicable under this regula         Chemical Name       CAS-No.         Veight percent         ZINC COMPOUNDS       68187-51-9         Olio - 1.00         Canadian Regulations:         National Pollutant Release Inventory (NPRI)         Chemical Name       CAS-No.         Veight percent         Zinc corrite brown spinel (C.I. Pigment Yellow         68187-51-9       10.00 - 30.00         I19)       10.00 - 30.00	US. EPA CERCLA Hazardou	s Substances (40 CFR	302)		
65         SARA Title III Section 302 Extremely Hazardous Substance         Unless specific chemicals are identified under this section, this product is Not Applicable under this reg         SARA Title III Section 313 Toxic Chemicals:         Unless specific chemicals are identified under this section, this product is Not Applicable under this reg         Chemical Name         Chemical Name         ZINC COMPOUNDS         1000 - 30.00         ZINC COMPOUNDS         557-05-1         0.10 - 1.00         Canadian Regulations:         National Pollutant Release Inventory (NPRI)         Chemical Name       CAS-No.       Weight percent 0.10 - 1.00         Canadian Regulations:         National Pollutant Release Inventory (NPRI)         Chemical Name       CAS-No.       Weight percent percent         Zinc ferrite brown spinel (C.I. Pigment Yellow       68187-51-9       10.00 - 30.00         119)       0       0       0       0	65         SARA Title III Section 302 Extremely Hazardous Substance         Unless specific chemicals are identified under this section, this product is Not Applicable under this regula         SARA Title III Section 313 Toxic Chemicals:         Unless specific chemicals are identified under this section, this product is Not Applicable under this regula         Chemical Name       CAS-No.         ZINC COMPOUNDS       68187-51-9         JUNC COMPOUNDS       557-05-1         OLIO - 1.00         Canadian Regulations:         National Pollutant Release Inventory (NPRI)         Chemical Name       CAS-No.         Veight       NPRI ID#         Zinc ferrite brown spinel (C.I. Pigment Yellow       68187-51-9       10.00 - 30.00         119)       0.00 - 30.00       10.00 - 30.00	not applicable				
65         SARA Title III Section 302 Extremely Hazardous Substance         Unless specific chemicals are identified under this section, this product is Not Applicable under this reg         SARA Title III Section 313 Toxic Chemicals:         Unless specific chemicals are identified under this section, this product is Not Applicable under this reg         Chemical Name         Chemical Name         ZINC COMPOUNDS         Ganadian Regulations:         National Pollutant Release Inventory (NPRI)         Chemical Name         ZINC Ferrite brown spinel (C.I. Pigment Yellow         68187-51-9         10.00 - 30.00         119)	65         SARA Title III Section 302 Extremely Hazardous Substance         Unless specific chemicals are identified under this section, this product is Not Applicable under this regula         SARA Title III Section 313 Toxic Chemicals:         Unless specific chemicals are identified under this section, this product is Not Applicable under this regula         Chemical Name       CAS-No.         ZINC COMPOUNDS       68187-51-9         JOINC COMPOUNDS       557-05-1         OLIO - 1.00         Canadian Regulations:         National Pollutant Release Inventory (NPRI)         Chemical Name         Zinc ferrite brown spinel (C.I. Pigment Yellow         68187-51-9       10.00 - 30.00         119)       10.00 - 30.00					
Unless specific chemicals are identified under this section, this product is Not Applicable under this reg SARA Title III Section 313 Toxic Chemicals: Unless specific chemicals are identified under this section, this product is Not Applicable under this reg Chemical Name CAS-No. Weight percent ZINC COMPOUNDS 68187-51-9 10.00 - 30.00 ZINC COMPOUNDS 557-05-1 0.10 - 1.00 Canadian Regulations: National Pollutant Release Inventory (NPRI) Chemical Name CAS-No. Weight NPRI ID# Percent NPRI ID# Zinc ferrite brown spinel (C.I. Pigment Yellow 68187-51-9 10.00 - 30.00 119)	Unless specific chemicals are identified under this section, this product is Not Applicable under this regula SARA Title III Section 313 Toxic Chemicals: Unless specific chemicals are identified under this section, this product is Not Applicable under this regula Chemical Name CAS-No. Weight percent ZINC COMPOUNDS 68187-51-9 10.00 - 30.00 ZINC COMPOUNDS 557-05-1 0.10 - 1.00 Canadian Regulations: National Pollutant Release Inventory (NPRI) Chemical Name CAS-No. Weight NPRI ID# percent NPRI ID# Zinc ferrite brown spinel (C.I. Pigment Yellow 68187-51-9 10.00 - 30.00 119)		: Not applicable	;		
Unless specific chemicals are identified under this section, this product is Not Applicable under this reg SARA Title III Section 313 Toxic Chemicals: Unless specific chemicals are identified under this section, this product is Not Applicable under this reg Chemical Name CAS-No. Weight percent ZINC COMPOUNDS 68187-51-9 10.00 - 30.00 ZINC COMPOUNDS 557-05-1 0.10 - 1.00 Canadian Regulations: National Pollutant Release Inventory (NPRI) Chemical Name CAS-No. Weight NPRI ID# Percent NPRI ID# Zinc ferrite brown spinel (C.I. Pigment Yellow 68187-51-9 10.00 - 30.00 119)	Unless specific chemicals are identified under this section, this product is Not Applicable under this regula SARA Title III Section 313 Toxic Chemicals: Unless specific chemicals are identified under this section, this product is Not Applicable under this regula Chemical Name CAS-No. Weight percent ZINC COMPOUNDS 68187-51-9 10.00 - 30.00 ZINC COMPOUNDS 557-05-1 0.10 - 1.00 Canadian Regulations: National Pollutant Release Inventory (NPRI) Chemical Name CAS-No. Weight NPRI ID# percent NPRI ID# Zinc ferrite brown spinel (C.I. Pigment Yellow 68187-51-9 10.00 - 30.00 119)	SARA Title III Section 302 E	xtremely Hazardous S	Substance		
SARA Title III Section 313 Toxic Chemicals:         Unless specific chemicals are identified under this section, this product is Not Applicable under this reg         Chemical Name       CAS-No.         ZINC COMPOUNDS       68187-51-9         ZINC COMPOUNDS       557-05-1         O.10 - 1.00         Canadian Regulations:         National Pollutant Release Inventory (NPRI)         Chemical Name       CAS-No.         Weight percent         Jinc ferrite brown spinel (C.I. Pigment Yellow         68187-51-9       10.00 - 30.00         Inc ferrite brown spinel (C.I. Pigment Yellow         68187-51-9       10.00 - 30.00	SARA Title III Section 313 Toxic Chemicals:         Unless specific chemicals are identified under this section, this product is Not Applicable under this regula         Chemical Name       CAS-No.         ZINC COMPOUNDS       68187-51-9         ZINC COMPOUNDS       557-05-1         OLIO - 1.00         Canadian Regulations:         National Pollutant Release Inventory (NPRI)         Chemical Name       CAS-No.         Weight percent         Jinc ferrite brown spinel (C.I. Pigment Yellow       68187-51-9         10.00 - 30.00		-		rt is Not Applicabl	e under this regula
Unless specific chemicals are identified under this section, this product is Not Applicable under this reg Chemical Name CAS-No. Weight percent ZINC COMPOUNDS 68187-51-9 10.00 - 30.00 ZINC COMPOUNDS 557-05-1 0.10 - 1.00 Canadian Regulations: National Pollutant Release Inventory (NPRI) Chemical Name CAS-No. Weight NPRI ID# percent Percent NPRI ID# Zinc ferrite brown spinel (C.I. Pigment Yellow 68187-51-9 10.00 - 30.00 119)	Unless specific chemicals are identified under this section, this product is Not Applicable under this regula         Chemical Name       CAS-No.       Weight percent         ZINC COMPOUNDS       68187-51-9       10.00 - 30.00         ZINC COMPOUNDS       557-05-1       0.10 - 1.00         Canadian Regulations:         National Pollutant Release Inventory (NPRI)         Chemical Name       CAS-No.       Weight percent         Zinc ferrite brown spinel (C.I. Pigment Yellow       68187-51-9       10.00 - 30.00         119)       0.00 - 30.00       0.00       0.00			coulon, uns produc	is it to it ippitedoi	e under tins regul
Unless specific chemicals are identified under this section, this product is Not Applicable under this reg Chemical Name CAS-No. Weight percent ZINC COMPOUNDS 68187-51-9 10.00 - 30.00 ZINC COMPOUNDS 557-05-1 0.10 - 1.00 Canadian Regulations: National Pollutant Release Inventory (NPRI) Chemical Name CAS-No. Weight NPRI ID# percent Percent NPRI ID# Zinc ferrite brown spinel (C.I. Pigment Yellow 68187-51-9 10.00 - 30.00 119)	Unless specific chemicals are identified under this section, this product is Not Applicable under this regula Chemical Name CAS-No. Weight percent ZINC COMPOUNDS 68187-51-9 10.00 - 30.00 ZINC COMPOUNDS 557-05-1 0.10 - 1.00 Canadian Regulations: National Pollutant Release Inventory (NPRI) Chemical Name CAS-No. Weight NPRI ID# percent Zinc ferrite brown spinel (C.I. Pigment Yellow 68187-51-9 10.00 - 30.00 119)	SADA Title III Section 212 T	ovia Chamicala			
Chemical Name       CAS-No.       Weight percent         ZINC COMPOUNDS       68187-51-9       10.00 - 30.00         ZINC COMPOUNDS       557-05-1       0.10 - 1.00         Canadian Regulations:         National Pollutant Release Inventory (NPRI)         Chemical Name       CAS-No.       Weight percent         Zinc ferrite brown spinel (C.I. Pigment Yellow       68187-51-9       10.00 - 30.00         119)       0.00 - 30.00       0.00       0.00	Chemical Name       CAS-No.       Weight percent         ZINC COMPOUNDS       68187-51-9       10.00 - 30.00         ZINC COMPOUNDS       557-05-1       0.10 - 1.00         Canadian Regulations:         National Pollutant Release Inventory (NPRI)         Chemical Name       CAS-No.       Weight percent         Zinc ferrite brown spinel (C.I. Pigment Yellow       68187-51-9       10.00 - 30.00         119)       0.00 - 30.00       0.00       0.00				· · » • • • • • • • • • • • • • • • • •	1 4 1 1
ZINC COMPOUNDS       557-05-1       0.10 - 1.00         Canadian Regulations:       National Pollutant Release Inventory (NPRI)         Chemical Name       CAS-No.       Weight percent         Zinc ferrite brown spinel (C.I. Pigment Yellow 119)       68187-51-9       10.00 - 30.00	ZINC COMPOUNDS       557-05-1       0.10 - 1.00         Canadian Regulations:       National Pollutant Release Inventory (NPRI)         Chemical Name       CAS-No.       Weight percent         Zinc ferrite brown spinel (C.I. Pigment Yellow 119)       68187-51-9       10.00 - 30.00		identified under this s			
Canadian Regulations: National Pollutant Release Inventory (NPRI) Chemical Name Zinc ferrite brown spinel (C.I. Pigment Yellow 119) Cas-No. Weight percent NPRI ID#	Canadian Regulations: National Pollutant Release Inventory (NPRI) Chemical Name Zinc ferrite brown spinel (C.I. Pigment Yellow 119) Cas-No. Weight percent 0.00 - 30.00					
National Pollutant Release Inventory (NPRI)         Chemical Name       CAS-No.       Weight percent       NPRI ID#         Zinc ferrite brown spinel (C.I. Pigment Yellow       68187-51-9       10.00 - 30.00       119)	National Pollutant Release Inventory (NPRI)         Chemical Name       CAS-No.       Weight percent       NPRI ID#         Zinc ferrite brown spinel (C.I. Pigment Yellow       68187-51-9       10.00 - 30.00       119)	ZINC COMPOUNDS		557-05	0.10	- 1.00
Chemical NameCAS-No.Weight percentNPRI ID#Zinc ferrite brown spinel (C.I. Pigment Yellow 119)68187-51-910.00 - 30.00	Chemical NameCAS-No.Weight percentNPRI ID#Zinc ferrite brown spinel (C.I. Pigment Yellow 119)68187-51-910.00 - 30.00	Canadian Regulations:				
Chemical NameCAS-No.Weight percentNPRI ID#Zinc ferrite brown spinel (C.I. Pigment Yellow 119)68187-51-910.00 - 30.00	Chemical NameCAS-No.Weight percentNPRI ID#Zinc ferrite brown spinel (C.I. Pigment Yellow 119)68187-51-910.00 - 30.00	National Pollutant Rele	ease Inventory (NPRI	)		
Zinc ferrite brown spinel (C.I. Pigment Yellow68187-51-910.00 - 30.00119)	Zinc ferrite brown spinel (C.I. Pigment Yellow68187-51-910.00 - 30.00119)		· · · · · ·		-	NPRI ID#
		1	.I. Pigment Yellow	68187-51-9		
				557-05-1	0.10 - 1.00	
				557-05-1	0.10 - 1.00	



### **MATERIAL SAFETY DATA SHEET** TAN

Version Number 1.2 Revision Date 10/26/2012			Print Date	Page 8 of 8 10/30/2012
Revision Date 10/20/2012			Fini Dale	10/30/2012
WHMIS Classification : D2A				
WHMIS Ingredient Disclosure List				
CAS-No. 1333-86-4 1309-37-1				
DSL	:	All components of this product are on the Cana Substances List (DSL) or are exempt.	ıdian Domest	ic
National Inventories:				
Australia AICS	:	Listed		
China IECS	:	Listed		
Europe EINECS	:	Listed		
Japan ENCS	:	Not determined		
Korea KECI	:	Listed		
Philippines PICCS	:	Listed		
16. OTHER INFORMATION				

The information provided in this Safety Data Sheet 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 guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered 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 materials or in any process, unless specified in the text.