# **SAFETY DATA SHEET**



# Conforms to Official Mexican Standard NOM-018-STPS-2015

Date of revision 7 June 2023

Version 2

Date of issue 7 June 2023

# SECTION 1: Identification of the substance/mixture and of the company/undertaking

Product name	: AMERSHIELD NEUTRAL TINT RESIN
Product code	: 19A333814
Other means of identification	: Not applicable.
Product type	: Liquid.
Relevant identified uses of	the substance or mixture and uses advised against
Product use	: Professional applications.
Use of the substance/ mixture	: Coating.
Uses advised against	: Not applicable.
Manufacturer	<ul> <li>Comercial Mexicana de Pinturas S.A. de C.V. Marcos Achar Lobatón, No. 6 Tepexpan, Acolman, Estado de México CP. 55885 Tel. (55)1669-1400 (México)</li> </ul>
Emergency telephone number	<ul> <li>(412) 434-4515 (U.S.)</li> <li>(514) 645-1320 (Canada)</li> <li>SETIQ Interior de la República: 800-00-214-00 (México)</li> <li>SETIQ Ciudad de México: (55) 5559-1588 (México)</li> </ul>
Customer Service / Technical Phone Number	: <b>8</b> 00 7126-639 (México)

# **SECTION 2: Hazards identification**

Signal word	: Danger Mexico Page:
Hazard pictograms	
GHS label elements	
Classification of the substance or mixture	<ul> <li>■ AMMABLE LIQUIDS - Category 3 CARCINOGENICITY - Category 1A TOXIC TO REPRODUCTION - Category 2 SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 1</li> <li>■ Percentage of the mixture consisting of ingredient(s) of unknown acute toxicity: 78.7% (oral), 78.7% (dermal), 46.3% (inhalation)</li> </ul>

# Product name AMERSHIELD NEUTRAL TINT RESIN

# **SECTION 2: Hazards identification**

Hazard statements	:	<ul> <li>✓226 - Flammable liquid and vapor.</li> <li>H350 - May cause cancer.</li> <li>H361 - Suspected of damaging fertility or the unborn child.</li> <li>H372 - Causes damage to organs through prolonged or repeated exposure.</li> </ul>
Precautionary statements		
Prevention	:	<ul> <li>201 - Obtain special instructions before use.</li> <li>P202 - Do not handle until all safety precautions have been read and understood.</li> <li>P280 - Wear protective gloves, protective clothing and eye or face protection.</li> <li>P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.</li> <li>P260 - Do not breathe vapor.</li> <li>P270 - Do not eat, drink or smoke when using this product.</li> </ul>
		P264 - Wash thoroughly after handling.
Response	:	₱308 + P313 - IF exposed or concerned: Get medical advice or attention. P303 + P361 + P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.
Storage	1	P405 - Store locked up.
Disposal	:	P501 - Dispose of contents and container in accordance with all local, regional, national and international regulations.
Other hazards which do not result in classification	:	May form explosive peroxides. Hazardous reactions or instability may occur under certain conditions of storage or use. Sanding and grinding dusts may be harmful if inhaled. Prolonged or repeated contact may dry skin and cause irritation. Repeated exposure to high vapor concentrations may cause irritation of the respiratory system and permanent brain and nervous system damage. Inhalation of vapor/aerosol concentrations above the recommended exposure limits causes headaches, drowsiness and nausea and may lead to unconsciousness or death. This product contains crystalline silica which can cause lung cancer or silicosis. The risk of cancer depends on the duration and level of exposure to dust from sanding surfaces or mist from spray applications. Emits toxic fumes when heated.
See toxicological information	า (ร	Section 11)

#### See toxicological information (Section 11)

# **SECTION 3: Composition/information on ingredients**

Substance/mixture	: Mixture
Product name	: AMERSHIELD NEUTRAL TINT RESIN
Other means of identification	: Not applicable.

Ingredient name	%	CAS number
Wollastonite	≥20 - ≤50	13983-17-0
n-butyl acetate	≥10 - ≤16	123-86-4
2-methoxy-1-methylethyl acetate	≥1.0 - ≤3.8	108-65-6
ethyl 3-ethoxypropionate	≥1.0 - ≤5.0	763-69-9
crystalline silica, respirable powder (<10 microns)	≥1.0 - ≤5.0	14808-60-7
Diopside	≥1.0 - ≤5.0	14483-19-3
bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate	<1.0	41556-26-7
methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate	<1.0	82919-37-7

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 as hazardous to health or the environment and hence require reporting in this section.

## Product name AMERSHIELD NEUTRAL TINT RESIN

# **SECTION 3: Composition/information on ingredients**

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

# **SECTION 4: First aid measures**

#### Description of necessary first aid measures

Eye contact	<ul> <li>Remove contact lenses, irrigate copiously with clean, fresh water, holding the eyelids apart for at least 10 minutes and seek immediate medical advice.</li> </ul>
Inhalation	<ul> <li>Remove to fresh air. Keep person warm and at rest. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel.</li> </ul>
Skin contact	<ul> <li>Remove contaminated clothing and shoes. Wash skin thoroughly with soap and water or use recognized skin cleanser. Do NOT use solvents or thinners.</li> </ul>
Ingestion	<ul> <li>If swallowed, seek medical advice immediately and show this container or label.</li> <li>Keep person warm and at rest. Do NOT induce vomiting.</li> </ul>

#### Most important symptoms/effects, acute and delayed

#### Potential acute health effects

Eye contact	: No known significant effects or critical hazards.	
Inhalation	: No known significant effects or critical hazards.	
Skin contact	: Defatting to the skin. May cause skin dryness and irritation.	
Ingestion	: No known significant effects or critical hazards.	
Over-exposure signs/symptoms		

#### <u>Over-exposure signs/symptoms</u>

See toxicological information (Section 11)

#### Indication of immediate medical attention and special treatment needed, if necessary

Notes to physician Specific treatments	<ul> <li>Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.</li> <li>No specific treatment.</li> </ul>
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.

# **SECTION 5: Firefighting measures**

Extinguishing media	
Suitable extinguishing media	: Use dry chemical, CO <sub>2</sub> , water spray (fog) or foam.
Unsuitable extinguishing media	: Do not use water jet.
Specific hazards arising from the chemical	: Flammable liquid and vapor. Runoff to sewer may create fire or explosion hazard. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion.
Hazardous thermal decomposition products	: Decomposition products may include the following materials: carbon oxides metal oxide/oxides

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# **SECTION 5: Firefighting measures**

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. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.
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	ive 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. Shut off all ignition sources. No flares, smoking or flames in hazard area. 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	<u>itainment and cleaning up</u>
Small spill	: Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. 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. Use spark-proof tools and explosion-proof equipment. 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 bazard as the spilled product. Note: see Section 1 for

# **SECTION 7: Handling and storage**

# Precautions for safe handlingProtective measures:Put on appropriate personal protective equipment (see Section 8). Avoid exposure -<br/>obtain special instructions before use. Avoid exposure during pregnancy. Do not<br/>handle until all safety precautions have been read and understood. Do not get in<br/>eyes or on skin or clothing. Do not breathe vapor or mist. Do not ingest. Use only<br/>with adequate ventilation. Wear appropriate respirator when ventilation is<br/>inadequate. Do not enter storage areas and confined spaces unless adequately<br/>ventilated. Keep in the original container or an approved alternative made from a<br/>compatible material, kept tightly closed when not in use. Store and use away from<br/>heat, sparks, open flame or any other ignition source. Use explosion-proof electrical<br/>(ventilating, lighting and material handling) equipment. Use only non-sparking tools.

emergency contact information and Section 13 for waste disposal.

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# **SECTION 7: Handling and storage**

		Take precautionary measures against electrostatic discharges. Empty containers retain product residue and can be hazardous. Do not reuse container.
Special precautions	:	Vapors may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back. Vapors are heavier than air and may spread along floors. May form explosive peroxides. Keep away from combustible materials. Avoid shock and friction. Avoid all possible sources of ignition (spark or flame). If this material is part of a multiple component system, read the Safety Data Sheet(s) for the other component or components before blending as the resulting mixture may have the hazards of all of its parts.
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.
Conditions for safe storage, including any incompatibilities	:	To not store above the following temperature: 50°C (122°F). Store in accordance with local regulations. Store in a segregated and approved area. 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. Eliminate all ignition sources. Separate from oxidizing materials. 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.

# **SECTION 8: Exposure controls/personal protection**

#### **Control parameters**

#### **Occupational exposure limits**

Ingredient name	Exposure limits
Wollastonite	ACGIH TLV (United States, 1/2022). TWA: 1 mg/m <sup>3</sup> 8 hours. Form: Inhalable
n-butyl acetate	fraction NOM-010-STPS-2014 (Mexico, 4/2016). STEL: 200 ppm 15 minutes.
2-methoxy-1-methylethyl acetate	TWA: 150 ppm 8 hours. IPEL (-, 10/2017). Absorbed through skin. TWA: 30 ppm
ethyl 3-ethoxypropionate	STEL: 90 ppm IPEL (-). TWA: 50 ppm
crystalline silica, respirable powder (<10 microns)	STEL: 100 ppm <b>NOM-010-STPS-2014 (Mexico, 4/2016).</b> TWA: 0.025 mg/m <sup>3</sup> 8 hours. Form:
Diopside	Respirable <b>ACGIH TLV (United States).</b> TWA: 10 mg/m <sup>3</sup> , (Total dust)
bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate	None. None.

Key to abbreviations

C = Ceiling Limit IPEL = Internal Permissible Exposure Limit STEL = Short term exposure limit

TLV = Threshold Limit Value TWA = Time Weighted Average

Consult local authorities for acceptable exposure limits.

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# **SECTION 8: Exposure controls/personal protection**

Recommended monitoring procedures	:	Reference should be made to appropriate monitoring standards. Reference to national guidance documents for methods for the determination of hazardous substances will also be required.			
Appropriate engineering controls	:	Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering control also need to keep gas, vapor or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment.			
Environmental exposure 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 measure	<u>es</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.			
Eye/face protection	÷	Safety glasses with side shields.			
Skin protection					
Hand protection	:	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.			
Gloves	1	${ m F\!o}$ r prolonged or repeated handling, use the following type of gloves:			
		Not recommended: nitrile rubber May be used: butyl rubber, Chloroprene			
Body protection	:	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. When there is a risk of ignition from static electricity, wear anti-static protective clothing. For the greatest protection from static discharges, clothing should include anti-static overalls, boots and gloves.			
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.			
Respiratory protection	:	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. If workers are exposed to concentrations above the exposure limit, they must use appropriate, certified respirators. Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary.			

#### Product name AMERSHIELD NEUTRAL TINT RESIN

# **SECTION 9: Physical and chemical properties**

#### **Appearance**

Physical state	:	Liquid.	
Color	:	Not available.	
Odor	:	Not available.	
Odor threshold	:	Not available.	
Molecular weight	1	Not applicable.	
рН	4	Not applicable.	
Melting point	1	Not available.	
Boiling point	:	>37.78°C (>100°F)	
Flash point	:	Closed cup: 27°C (80.6°F)	
Auto-ignition temperature	:	Not available.	
Decomposition temperature	:	Not available.	
Flammability	1	Not available.	
Lower and upper explosive (flammable) limits	:	Not available.	
Evaporation rate	1	Not available.	
Vapor pressure	:	Not available.	
Vapor density	1	Not available.	
Relative density	:	1.35	
Density(lbs / gal)	1	11.27	
• • • • • • • •		Media	Result
Solubility(ies)	÷	old water	Not soluble
Solubility in water	:	Not available.	
Partition coefficient: n- octanol/water	:	Not applicable.	
Viscosity	:	Kinematic (40°C (104°F)): ∶	>21 mm²/s (>21 cSt)
Volatility	1	30% (v/v), 19.02% (w/w)	
% Solid. (w/w)	:	80.98	

# SECTION 10: Stability and reactivity

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Hazardous decomposition products	: Depending on conditions, decomposition products may include the following mate carbon oxides metal oxide/oxides	erials
Incompatible materials	: Keep away from the following materials to prevent strong exothermic reactions: oxidizing agents, strong alkalis, strong acids.	
Conditions to avoid	: When exposed to high temperatures may produce hazardous decomposition products. Refer to protective measures listed in sections 7 and 8.	
Possibility of hazardous reactions	: Under normal conditions of storage and use, hazardous reactions will not occur.	
Chemical stability	: The product is stable.	
Reactivity	: No specific test data related to reactivity available for this product or its ingredient	ts.

## Product name AMERSHIELD NEUTRAL TINT RESIN

# **SECTION 11: Toxicological information**

# Information on toxicological effects

## Acute toxicity

Product/ingredient name	Result			Species	Dose	Exposure	
<ul> <li>P-butyl acetate</li> <li>2-methoxy-1-methylethyl acetate</li> </ul>	LC50 Inha LC50 Inha LD50 Deri LD50 Ora LC50 Inha LD50 Deri LD50 Ora	alation Vaj mal I alation Vaj mal	oor	Rat Rat Rabbit Rat Rat Rabbit Rat	>21.1 mg/l 2000 ppm >17600 mg/kg 10.768 g/kg 30 mg/l >5 g/kg 6190 mg/kg	4 hours 4 hours - - 4 hours -	
ethyl 3-ethoxypropionate bis(1,2,2,6,6-pentamethyl-	LD50 Der LD50 Ora LD50 Ora	I		Rabbit Rat Rat	>5 g/kg 3200 mg/kg 3.125 g/kg	- - -	
4-piperidyl) sebacate methyl 1,2,2,6,6-pentamethyl- 4-piperidyl sebacate	LD50 Ora	I		Rat	3.125 g/kg	-	
Conclusion/Summary	: There a	re no data	a available on	the mixture itse	lf.		
Irritation/Corrosion Conclusion/Summary Skin Eyes Respiratory Sensitization Conclusion/Summary Skin Respiratory Mutagenicity Conclusion/Summary Carcinogenicity Conclusion/Summary Classification	<ul> <li>There are no data available on the mixture itself.</li> <li>There are no data available on the mixture itself.</li> <li>There are no data available on the mixture itself.</li> <li>There are no data available on the mixture itself.</li> <li>There are no data available on the mixture itself.</li> <li>There are no data available on the mixture itself.</li> <li>There are no data available on the mixture itself.</li> <li>There are no data available on the mixture itself.</li> <li>There are no data available on the mixture itself.</li> <li>There are no data available on the mixture itself.</li> <li>There are no data available on the mixture itself.</li> </ul>						
Product/ingredient name	OSHA	IARC	NTP				
Wollastonite crystalline silica, respirable powder (<10 microns)							
Carcinogen Classification code: IARC: 1, 2A, 2B, 3, 4 NTP: Known to be a human carcinogen; Reasonably anticipated to be a human carcinogen OSHA: + Not listed/not regulated: -							
Reproductive toxicity							
<b>Conclusion/Summary</b> : There are no data available on the mixture itself. <u>Teratogenicity</u>							
Conclusion/Summary Specific target organ toxicit				the mixture itse	II.		

Specific target organ toxicity (single exposure)

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# SECTION 11: Toxicological information

Name			Category	Route of exposure	Target organs		
<ul> <li>p-butyl acetate</li> <li>2-methoxy-1-methylethyl ac</li> </ul>	etate		Category 3 Category 3	-	Narcotic effects Narcotic effects		
Specific target organ toxic	ity (repeated	<u>l exposure)</u>					
Name			Category	Route of exposure	Target organs		
rystalline silica, respirable	powder (<10	microns)	Category 1	inhalation	-		
<u>Target organs</u>	bone ma Contain	arrow. s material which r espiratory tract, in	may cause dama	age to the following	ans: liver, spleen, brair organs: kidneys, lungs s system (CNS), eye,		
Aspiration hazard Not available.							
Information on the likely ro	utes of expo	sure					
Potential acute health effect	<u>ets</u>						
Eye contact	: No kno	wn significant effe	ects or critical ha	azards.			
Inhalation	: No kno	wn significant effe	ects or critical ha	azards.			
Skin contact	: Defattir	ng to the skin. Ma	ay cause skin dr	yness and irritation.			
Ingestion	: No kno	: No known significant effects or critical hazards.					
Over-exposure signs/symp	otoms						
Eye contact	: No spe	cific data.					
Inhalation	reduce increas	e symptoms may d fetal weight e in fetal deaths l malformations	include the follo	wing:			
Skin contact	irritatior dryness crackin reduced increas	6	include the follo	wing:			
Ingestion	reduceo increas	e symptoms may d fetal weight e in fetal deaths l malformations	include the follo	wing:			
Delayed and immediate eff	ects and also	o chronic effects	from short and	<u>d long term expos</u>	<u>ure</u>		
Conclusion/Summary	silica wł duration applicat stated o mucous kidneys dizzines	nich can cause lui and level of expo- ions. Exposure to occupational expo- membrane and r , liver and central ss, fatigue, muscu	ng cancer or silic osure to dust fro o component sol sure limit may re respiratory syste nervous system lar weakness, d	cosis. The risk of c m sanding surfaces lvent vapor concent esult in adverse hea m irritation and adv . Symptoms and s	erse effects on the igns include headache xtreme cases, loss of		
					Mexico Page: 9/		

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# **SECTION 11: Toxicological information**

		through the skin. There is some evidence that repeated exposure to organic solvent vapors in combination with constant loud noise can cause greater hearing loss than expected from exposure to noise alone. If splashed in the eyes, the liquid may cause irritation and reversible damage. Ingestion may cause nausea, diarrhea and vomiting. This takes into account, where known, delayed and immediate effects and also chronic effects of components from short-term and long-term exposure by oral, inhalation and dermal routes of exposure and eye contact.
Short term exposure		
Potential immediate effects	:	There are no data available on the mixture itself.
Potential delayed effects	1	There are no data available on the mixture itself.
Long term exposure		
Potential immediate effects	:	There are no data available on the mixture itself.
Potential delayed effects	1	There are no data available on the mixture itself.
Potential chronic health effe	cts	
General	:	Causes damage to organs through prolonged or repeated exposure. Prolonged or repeated contact can defat the skin and lead to irritation, cracking and/or dermatitis.
Carcinogenicity	1	May cause cancer. Risk of cancer depends on duration and level of exposure.
Mutagenicity	:	No known significant effects or critical hazards.
Reproductive toxicity	:	Suspected of damaging fertility or the unborn child.
Numerical measures of toxic	<u>city</u>	

#### Acute toxicity estimates

Product/ingredient name	Oral (mg/ kg)	Dermal (mg/kg)	Inhalation (gases) (ppm)	Inhalation (vapors) (mg/l)	Inhalation (dusts and mists) (mg/l)
p-butyl acetate	10768	N/A	N/A	N/A	N/A
2-methoxy-1-methylethyl acetate	6190	N/A	N/A	30	N/A
bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate	3125	N/A	N/A	N/A	N/A
methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate	3125	N/A	N/A	N/A	N/A

# **SECTION 12: Ecological information**

#### **Toxicity**

Product/ingredient name	Result	Species	Exposure
-butyl acetate 2-methoxy-1-methylethyl acetate	Acute LC50 18 mg/l Acute LC50 134 mg/l Fresh water	Fish Fish - Oncorhynchus mykiss	96 hours 96 hours
ethyl 3-ethoxypropionate	Acute LC50 60.9 mg/l	Fish	96 hours

#### Persistence and degradability

Product/ingredient name	Test	Result	Dose	Inoculum
-butyl acetate	TEPA and OECD 301D	83 % - Readily - 28 days	-	-
2-methoxy-1-methylethyl acetate	-	83 % - Readily - 28 days	-	-

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# **SECTION 12: Ecological information**

Product/ingredient name	Aquatic half-life	Photolysis	Biodegradability
-butyl acetate 2-methoxy-1-methylethyl acetate	-	-	Readily Readily
ethyl 3-ethoxypropionate	-	-	Readily

#### **Bioaccumulative potential**

Product/ingredient name	LogPow	BCF	Potential
-butyl acetate 2-methoxy-1-methylethyl acetate	2.3 1.2	-	low low
ethyl 3-ethoxypropionate	1.47	-	low

#### **Mobility in soil**

Soil/water partition	
coefficient (Koc)	

: Not available.

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 nonrecyclable 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. Vapor from product residues may create a highly flammable or explosive atmosphere inside the container. Do not cut, weld or grind used containers unless they have been cleaned thoroughly internally. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Disposal should be in accordance with applicable regional, national and local laws and regulations. Refer to Section 7: HANDLING AND STORAGE and Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION for additional handling information and protection of employees. Section 6. Accidental release measures

# **SECTION 14: Transport information**

	Mexico Classification	IMDG	ΙΑΤΑ		
UN number	UN1263				
UN proper shipping name	PAINT	PAINT	PAINT		
Transport hazard class(es)	3	3	3		
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# **SECTION 14: Transport information**

Packing group	III	III	III
Environmental hazards	No.	No.	No.
Marine pollutant substances	Not applicable.	Not applicable.	Not applicable.
Product RQ (lbs)	Not applicable.	Not applicable.	Not applicable.
RQ substances	Not applicable.	Not applicable.	Not applicable.

Additional information				
Mexico	: None identified.			
IMDG	: None identified.			
IATA	: None identified.			

**Special precautions for user : Transport within user's premises:** always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

Transport in bulk according : Not applicable. to IMO instruments

# **SECTION 15: Regulatory information**

#### **Mexico**

Classification Flammability : 3 Health : 2 Reactivity : 0

#### International regulations

**Montreal Protocol** 

Not listed.

Stockholm Convention on Persistent Organic Pollutants Not listed.

Rotterdam Convention on Prior Informed Consent (PIC) Not listed.

# **SECTION 16: Other information**

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

Health	1	2	*	Flammability	1	3	Physical hazards	1	0
(*)- Ch effects	nror	nic							

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. 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.

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.

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## Product name AMERSHIELD NEUTRAL TINT RESIN

# **SECTION 16: Other information**

Organization that prepared the SDS	: EHS
Key to abbreviations	<ul> <li>ATE = Acute Toxicity Estimate BCF = Bioconcentration Factor GHS = Globally Harmonized System of Classification and Labelling of Chemicals IATA = International Air Transport Association IBC = International Air Transport Association IBC = International Maritime Dangerous Goods LogPow = logarithm of the octanol/water partition coefficient MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution) N/A = Not available SGG = Segregation Group UN = United Nations</li> </ul>

#### Indicates information that has changed from previously issued version.

#### Notice to reader

The information, which is based on the current knowledge of the chemical substance or mixture and applies to appropriate safety precautions for the product, is deemed correct but is not exhaustive and will be used only as a guide.

#### **Disclaimer**

The information contained in this data sheet is based on present scientific and technical knowledge. The purpose of this information is to draw attention to the health and safety aspects concerning the products supplied by PPG, and to recommend precautionary measures for the storage and handling of the products. No warranty or guarantee is given in respect of the properties of the products. No liability can be accepted for any failure to observe the precautionary measures described in this data sheet or for any misuse of the products.