

# **SAFETY DATA SHEET**

ADBOND 1500

# Section 1. Identification

GHS product identifier	: ADBOND 1500
Other means of identification	: Not available.
Product type	: Paste.
Relevant identified uses	of the substance or mixture and uses advised against
Product use	: Adhesive./Sealants
Area of application	: Industrial applications.
Manufacturer	: Adfast 2685 Diab Saint-Laurent, Québec, Canada H4S 1E7 Telephone: 514-337-7534 www.Adfastcorp.com
Emergency telephone number (with hours of operation)	: CHEMTREC: 1-800-424-9300 (USA) CANUTEC: 613-996-6666 (CAN)

# Section 2. Hazards identification

OSHA/HCS status	: This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).
Classification of the substance or mixture	<ul> <li>H319 EYE IRRITATION - Category 2A</li> <li>H317 SKIN SENSITIZATION - Category 1</li> <li>H361 TOXIC TO REPRODUCTION (Unborn child) - Category 2</li> <li>H373 SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) (hearing organs, kidneys, liver, nervous system) - Category 2</li> </ul>
	Percentage of the mixture consisting of ingredient(s) of unknown toxicity: 39.6%
GHS label elements	
Hazard pictograms	
Signal word	: Warning
Hazard statements	<ul> <li>H319 - Causes serious eye irritation.</li> <li>H317 - May cause an allergic skin reaction.</li> <li>H361 - Suspected of damaging the unborn child.</li> <li>H373 - May cause damage to organs through prolonged or repeated exposure.</li> <li>(hearing organs, kidneys, liver, nervous system)</li> </ul>
Precautionary statement	t <u>s</u>

# Section 2. Hazards identification

Prevention	<ul> <li>P201 - 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. Wear eye or face protection. Wear protective clothing.</li> <li>P260 - Do not breathe vapor.</li> <li>P264 - Wash hands thoroughly after handling.</li> <li>P272 (OSHA) - Contaminated work clothing must not be allowed out of the workplace.</li> </ul>
Response	<ul> <li>P314 - Get medical attention if you feel unwell.</li> <li>P308 + P313 - IF exposed or concerned: Get medical attention.</li> <li>P302 + P352 + P363 - IF ON SKIN: Wash with plenty of soap and water. Wash contaminated clothing before reuse.</li> <li>P333 + P313 - If skin irritation or rash occurs: Get medical attention.</li> <li>P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes.</li> <li>Remove contact lenses, if present and easy to do. Continue rinsing.</li> <li>P337 + P313 - If eye irritation persists: Get medical attention.</li> </ul>
Storage	: P405 - Store locked up.
Disposal	<ul> <li>P501 - Dispose of contents and container in accordance with all local, regional, national and international regulations.</li> </ul>
Supplemental label elements	: Avoid contact with skin and clothing. Wash thoroughly after handling.
Hazards not otherwise classified	: Prolonged or repeated contact may dry skin and cause irritation.

# Section 3. Composition/information on ingredients

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

#### **CAS number/other identifiers**

CAS number	: Not applicable.
Product code	: 1500

Ingredient name	Other names	%	CAS number
titanium dioxide	-	≤5	13463-67-7
xylene	-	≤5	1330-20-7
trimethoxyvinylsilane	-	≤3	2768-02-7
N-(3-(trimethoxysilyl)propyl)ethylenediamine	-	<3	1760-24-3

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 and hence require reporting in this section.

### Section 4. First aid measures

#### Description of necessary first aid measures

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.

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# Section 4. First aid measures

Inhalation	: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing 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. 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. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
Skin contact	: Wash skin thoroughly with soap and water or use recognized skin cleanser. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Get medical attention. In the event of any complaints or symptoms, avoid further exposure. Wash clothing before reuse. Clean shoes thoroughly before reuse.
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 symptoms/effects, acute and delayed

Potential acute health effects						
Eye contact :	Causes serious eye irritation.					
Inhalation :	No known significant effects or critical hazards.					
Skin contact :	Defatting to the skin. May cause skin dryness and irritation. May cause an allergic skin reaction.					
Ingestion :	No known significant effects or critical hazards.					
Over-exposure signs/sympton	<u>ms</u>					
Eye contact :	Adverse symptoms may include the following: pain or irritation watering redness					
Inhalation :	Adverse symptoms may include the following: educed fetal weight ncrease in fetal deaths skeletal malformations					
Skin contact :	Adverse symptoms may include the following: irritation redness dryness cracking reduced fetal weight increase in fetal deaths skeletal malformations					

# Section 4. First aid measures

Ingestion	: Adverse symptoms may include the following: reduced fetal weight increase in fetal deaths skeletal malformations
Indication of immediate me	dical attention and special treatment needed, if necessary
Notes to physician	: In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
Specific treatments	: No specific treatment.
Protection of first-aiders	: No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

See toxicological information (Section 11)

# Section 5. Fire-fighting measures

Extinguishing media	
Suitable extinguishing media	: Use an extinguishing agent suitable for the surrounding fire. In case of fire, use carbon dioxide. Foam. Sand.
Unsuitable extinguishing media	: Do not use water jet.
Specific hazards arising from the chemical	: In a fire or if heated, a pressure increase will occur and the container may burst.
Hazardous thermal decomposition products	: Decomposition products may include the following materials: carbon dioxide carbon monoxide nitrogen oxides metal oxide/oxides
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 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,	protective equipment and emergency procedures
For non-emergency personnel	: No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
For emergency responders	: If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

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# Section 6. Accidental release measures

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	ont	ainment and cleaning up		
Small spill	:	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.		
Large spill	:	Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.		

# Section 7. Handling and storage

#### Precautions for safe handling

Protective measures	Put on appropriate personal protective equipment (see Section 8). Persons with a history of skin sensitization problems should not be employed in any process in which this product is used. Avoid exposure - obtain special instructions before use. Avoid exposure during pregnancy. Do not handle until all safety precautions have been read and understood. Do not get in eyes or on skin or clothing. Do not breathe vapor or mist. Do not ingest. If during normal use the material presents a respiratory hazard, use only with adequate ventilation or wear appropriate respirator. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.
Advice on general occupational hygiene	: Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
Conditions for safe storage, including any incompatibilities	: Store between the following temperatures: 14 to 23°C (57.2 to 73.4°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.

# Section 8. Exposure controls/personal protection

#### **Control parameters**

#### **Occupational exposure limits**

Ingredient name	Exposure limits
titanium dioxide	ACGIH TLV (United States, 3/2016).
	TWA: 10 mg/m <sup>3</sup> 8 hours.
	OSHA PEL (United States, 2/2013).
	TWA: 15 mg/m <sup>3</sup> 8 hours. Form: Total dust
xylene	ACGIH TLV (United States, 3/2016).
	TWA: 100 ppm 8 hours.
	TWA: 434 mg/m <sup>3</sup> 8 hours.
	STEL: 150 ppm 15 minutes.
	STEL: 651 mg/m <sup>3</sup> 15 minutes.
	OSHA PEL (United States, 2/2013).
	TWA: 100 ppm 8 hours.
	TWA: 435 mg/m <sup>3</sup> 8 hours.
trimethoxyvinylsilane	None.
N-(3-(trimethoxysilyl)propyl)ethylenediamine	None.

Appropriate engineering controls	: If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.
Environmental exposure	: Emissions from ventilation or work process equipment should be checked to ensure

# controls 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 measures

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. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.
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: chemical splash goggles.
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.
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.

# Section 8. Exposure controls/personal protection

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 specialist before handling this product.	
Respiratory protection	:	Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.	

# Section 9. Physical and chemical properties

Appearance		
Physical state	:	Paste.
Color	:	Various
Odor	:	Not available.
Odor threshold	:	Not available.
рН	:	Not available.
Melting point	1	Not available.
Boiling point	1	Not applicable.
Flash point	1	Not applicable.
Evaporation rate	1	Not applicable.
Flammability (solid, gas)	1	Not available.
Lower and upper explosive (flammable) limits	:	Not applicable.
Vapor pressure	1	Not applicable.
Vapor density	1	Not applicable.
Relative density	1	1.2 to 1.3 [Water = 1]
Solubility	1	Insoluble in the following materials: cold water and hot water.
Solubility in water	1	Not available.
Partition coefficient: n- octanol/water	:	Not available.
Auto-ignition temperature	1	Not available.
Decomposition temperature	1	Not applicable.
SADT	1	Not available.
Viscosity	1	Not available.
Physical/chemical properties comments	:	VOC content: 7.3%

# Section 10. Stability and reactivity

Reactivity	:	No specific	No specific test data related to reactivity available for this product or its ingredients.					
		_						
Chemical stability	- 1	The product	is stable.					
Possibility of hazardous reactions	:	Under norm	al conditions c	of storage a	ind use, hazardou	is reactions will r	not occu	r.
		Under norm	al conditions o	of storage a	ind use, hazardou	s polymerization	will not	occur.
Conditions to avoid	:	Keep away	from heat, spa	arks and fla	me. Avoid contac	t with water or h	umidity.	
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# Section 10. Stability and reactivity

#### Incompatible materials

: Reactive or incompatible with the following materials: moisture. Water

Hazardous decomposition	: Under normal conditions of storage and use, hazardous decomposition products should
products	not be produced.

# Section 11. Toxicological information

#### Information on toxicological effects

#### Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
titanium dioxide	LD50 Dermal	Rabbit	>5000 mg/kg	-
	LD50 Oral	Rat	>5000 mg/kg	-
xylene	LC50 Inhalation Vapor	Rat	5000 ppm	4 hours
-	LD50 Dermal	Rabbit	>4200 mg/kg	-
	LD50 Oral	Rat	4300 mg/kg	-
trimethoxyvinylsilane	LC50 Inhalation Vapor	Rat	16.815 mg/l	4 hours
	LC50 Inhalation Vapor	Rat	2773 ppm	4 hours
N-(3-(trimethoxysilyl)propyl) ethylenediamine	LD50 Oral	Rat	2413 mg/kg	-

#### Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
xylene	Eyes - Severe irritant	Rabbit	-	24 hours 5 milligrams	-
	Skin - Mild irritant	Rat	-	8 hours 60 microliters	-
	Skin - Moderate irritant	Rabbit	-	24 hours 500 milligrams	-
	Skin - Moderate irritant	Rabbit	-	100 Percent	-
trimethoxyvinylsilane	Eyes - Mild irritant	Rabbit	-	24 hours 500 milligrams	-
	Skin - Mild irritant	Rabbit	-	24 hours 500 milligrams	-
N-(3-(trimethoxysilyl)propyl) ethylenediamine	Eyes - Severe irritant	Rabbit	-	15 milligrams	-
·	Skin - Mild irritant	Rabbit	-	500 milligrams	-

#### **Sensitization**

Not available.

#### **Mutagenicity**

Conclusion/Summary: Not available.Carcinogenicity: Not available.Conclusion/Summary: Not available.Classification

# Section 11. Toxicological information

I	Product/ingredient name	OSHA	IARC	NTP
	itanium dioxide xylene	-	2B 3	-

#### Reproductive toxicity

**Conclusion/Summary** : Not available.

**Teratogenicity** 

**Conclusion/Summary** : Not available.

#### Specific target organ toxicity (single exposure)

Name	Category	Route of exposure	Target organs
xylene	Category 3		Respiratory tract irritation and Narcotic effects

#### Specific target organ toxicity (repeated exposure)

Name	Category	Route of exposure	Target organs
xylene	Category 2		hearing organs, kidneys, liver and nervous system

#### Aspiration hazard

Name	Result	
xylene	ASPIRATION HAZARD - Category 1	

Information on the likely routes of exposure	: Routes of entry anticipated: Oral, Dermal, Inhalation.
Potential acute health effec	<u>s</u>
Eye contact	: Causes serious eye irritation.
Inhalation	: No known significant effects or critical hazards.
Skin contact	: Defatting to the skin. May cause skin dryness and irritation. May cause an allergic skin reaction.
Ingestion	: No known significant effects or critical hazards.
Symptoms related to the ph Eye contact Inhalation	<ul> <li>ysical, chemical and toxicological characteristics</li> <li>Adverse symptoms may include the following: pain or irritation watering redness</li> <li>Adverse symptoms may include the following: reduced fetal weight increase in fetal deaths skeletal malformations</li> </ul>

# Section 11. Toxicological information

Section 11. Toxico	nogical information
Skin contact	: Adverse symptoms may include the following: irritation redness dryness cracking reduced fetal weight increase in fetal deaths skeletal malformations
Ingestion	: Adverse symptoms may include the following: reduced fetal weight increase in fetal deaths skeletal malformations
	cts and also chronic effects from short and long term exposure
Short term exposure	
Potential immediate effects	: Not available.
Potential delayed effects	: Not available.
<u>Long term exposure</u>	
Potential immediate effects	: Not available.
Potential delayed effects	: Not available.
Potential chronic health ef	<u>fects</u>
Not available.	
General	: May cause damage to organs through prolonged or repeated exposure. Prolonged or repeated contact can defat the skin and lead to irritation, cracking and/or dermatitis. Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels.
Carcinogenicity	: No known significant effects or critical hazards.
Mutagenicity	: No known significant effects or critical hazards.
Teratogenicity	: Suspected of damaging the unborn child.
<b>Developmental effects</b>	: 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 Inhalation (vapors)	41874.9 mg/kg 443.7 mg/l	

# Section 12. Ecological information

#### **Toxicity**

Product/ingredient name	Result	Species	Exposure
titanium dioxide	Acute LC50 3 mg/l Fresh water	Crustaceans - Ceriodaphnia dubia - Neonate	48 hours
	Acute LC50 6.5 mg/l Fresh water	Daphnia - Daphnia pulex - Neonate	48 hours
	Acute LC50 >1000000 µg/l Marine water	Fish - Fundulus heteroclitus	96 hours
xylene	Acute LC50 8.5 ppm Marine water	Crustaceans - Palaemonetes pugio - Adult	48 hours
	Acute LC50 13400 µg/l Fresh water	Fish - Pimephales promelas	96 hours

#### Persistence and degradability

Product/ingredient name	Aquatic half-life	Photolysis	Biodegradability
xylene	-	-	Readily

#### **Bioaccumulative potential**

Product/ingredient name	LogPow	BCF	Potential
<b>X</b> ylene	3.12	8.1 to 25.9	low

#### Mobility in soil

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

**Other adverse effects** : No known significant effects or critical hazards.

### Section 13. Disposal considerations

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

#### United States - RCRA Toxic hazardous waste "U" List

Ingredient	CAS #		Reference number
Xylene	1330-20-7	Listed	U239

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# Section 14. Transport information

	DOT Classification	IMDG	ΙΑΤΑ
UN number	Not regulated.	Not regulated.	Not regulated.
UN proper shipping name		-	-
Transport hazard class (es)		-	-
Packing group		-	-
Environmental hazards	<b>N</b> o.	No.	No.
Additional information		-	-

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: Not available.according to Annex II ofMARPOL and the IBC Code

# Section 15. Regulatory information

U.S. Federal regulations	:	TSCA 8(a) PAIR: Siloxanes and Silicones, di-Me, reaction products with silica
		United States inventory (TSCA 8b): Not determined.
		Clean Water Act (CWA) 307: bis(2-ethylhexyl) phthalate
		Clean Water Act (CWA) 311: xylene
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
DEA List I Chemicals (Precursor Chemicals)	:	Not listed
DEA List II Chemicals (Essential Chemicals)	:	Not listed
<u>SARA 302/304</u>		
Composition/information	on	<u>ingredients</u>
No products were found.		
SARA 304 RQ		Not applicable.
<u>SARA 311/312</u>		
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# Section 15. Regulatory information

#### Classification

: Immediate (acute) health hazard Delayed (chronic) health hazard

#### **Composition/information on ingredients**

Name	%	Fire hazard	Sudden release of pressure	Reactive	Immediate (acute) health hazard	Delayed (chronic) health hazard
Manium dioxide	≤5	No.	No.	No.	No.	Yes.
xylene	≤5	Yes.	No.	No.	Yes.	Yes.
trimethoxyvinylsilane	≤3	Yes.	No.	No.	Yes.	No.
N-(3-(trimethoxysilyl)propyl) ethylenediamine	<3	No.	No.	No.	Yes.	No.

#### **SARA 313**

	Product name	CAS number	%
Form R - Reporting requirements	<b>x</b> ylene	1330-20-7	≤5
Supplier notification	<b>x</b> ylene	1330-20-7	≤5

SARA 313 notifications must not be detached from the SDS and any copying and redistribution of the SDS shall include copying and redistribution of the notice attached to copies of the SDS subsequently redistributed.

#### **State regulations**

Massachusetts	<ul> <li>The following components are listed: TITANIUM DIOXIDE; TIN DIOXIDE DUST; XYLENE; DIMETHYLBENZENE</li> </ul>
New York	: The following components are listed: Xylene mixed
New Jersey	: The following components are listed: TITANIUM DIOXIDE; TITANIUM OXIDE (TiO2); XYLENES; BENZENE, DIMETHYL-
Pennsylvania	: The following components are listed: TITANIUM OXIDE; BENZENE, DIMETHYL-
California Pron 65	

#### California Prop. 65

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

Ingredient name	Cancer	Reproductive	No significant risk level	Maximum acceptable dosage level
1,2-Benzenedicarboxylic acid, di- C9-11-branched alkyl esters, C10-rich	No.	Yes.	No.	Yes.
titanium dioxide bis(2-ethylhexyl) phthalate	Yes. Yes.	No. Yes.	No. Yes.	No. 410 µg/day (ingestion)

Chemical Weapon Convention List Schedules I, II & III Chemicals

Not listed.

#### Montreal Protocol (Annexes A, B, C, E)

Not listed.

#### Stockholm Convention on Persistent Organic Pollutants

Not listed.

#### Rotterdam Convention on Prior Informed Consent (PIC)

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# Section 15. Regulatory information

Not listed.

#### UNECE Aarhus Protocol on POPs and Heavy Metals

Not listed.

### Section 16. Other information

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



Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks Although HMIS® ratings are not required on SDSs under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered mark of the National Paint & Coatings Association (NPCA). HMIS® materials may be purchased exclusively from J. J. Keller (800) 327-6868.

The customer is responsible for determining the PPE code for this material.

National Fire Protection Association (U.S.A.)



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Copyright ©2001, National Fire Protection Association, Quincy, MA 02269. This warning system is intended to be interpreted and applied only by properly trained individuals to identify fire, health and reactivity hazards of chemicals. The user is referred to certain limited number of chemicals with recommended classifications in NFPA 49 and NFPA 325, which would be used as a guideline only. Whether the chemicals are classified by NFPA or not, anyone using the 704 systems to classify chemicals does so at their own risk.

#### Procedure used to derive the classification

Classification		Justification	
Eye Irrit. 2A, H319 Skin Sens. 1, H317 Repr. 2, H361 (Unborn child) STOT RE 2, H373 (hearing organs, kidneys, liver, nervous system)		Calculation method Calculation method Calculation method Calculation method	
<u>History</u>		•	
Date of issue/Date of revision	: 09/01/2016		
Date of previous issue	: 08/18/2015		
Version	: 2		
Prepared by	: IHS		

# Section 16. Other information

Key to abbreviations	: ATE = Acute Toxicity Estimate BCF = Bioconcentration Factor GHS = Globally Harmonized System of Classification and Labelling of Chemicals IATA = International Air Transport Association IBC = Internediate Bulk Container IMDG = International Maritime Dangerous Goods LogPow = logarithm of the octanol/water partition coefficient MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marrol" = marine pollution)
	as modified by the Protocol of 1978. ("Marpol" = marine pollution) UN = United Nations
References	: HCS (U.S.A.)- Hazard Communication Standard International transport regulations

✓ Indicates information that has changed from previously issued version.

#### Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the abovenamed supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.