## **SAFETY DATA SHEET**



Date of printing	: 2016-10-17.	Date of issue	: 2016-10-17.
Section 1. Identi	fication		
		Prepared by	
		Akzo Nobel Coating	js Inc.
Prepared for		1431 Progress Ave.	
ATTN:		High Point, NC 2726	51 US
Chemcraft			
1431 Progress Ave.		(336) 841-5111	
		In case of emergene	cy (Health or Spills):
High Point, NC 27260 US		CHEMTREC (US an	d Canada) (800) 424-9300
Produc	t no. : 117-1050		
		G 117-1050-D4 8PRS 117-1	1050-D5PRS
Container Code(s) : 117-1050-D.97CG,			
Product - Class : Plasticolor 900 Wh		white Selli-Gloss	
Customer Part Nur			
Customer Ship	To ID : 0000109024		

## Section 2. Hazards identification

Date of issue/Date of revision	: 2016-10-17. Date of previous issue : 2016-10-13. Version : 2.42 1/14
Precautionary statements General	: Read label before use. Keep out of reach of children. If medical advice is needed, have product container or label at hand.
Hazard statements	<ul> <li>Highly flammable liquid and vapor. Causes serious eye damage. Causes skin irritation. May cause cancer. May cause respiratory irritation. May cause damage to organs through prolonged or repeated exposure.</li> </ul>
Signal word	: Danger
<u>GHS label elements</u> Hazard pictograms	
Classification of the substance or mixture	<ul> <li>FLAMMABLE LIQUIDS - Category 2 SKIN CORROSION/IRRITATION - Category 2 SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 1 CARCINOGENICITY - Category 1A SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Respiratory tract irritation) - Category 3 SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 2</li> </ul>
OSHA/HCS status	<ul> <li>This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).</li> </ul>

## Section 2. Hazards identification

Prevention	: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Wear protective gloves. Wear eye or face protection. Keep away from heat, sparks, open flames and hot surfaces No smoking. Use explosion-proof electrical, ventilating, lighting and all material-handling equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Keep container tightly closed. Use only outdoors or in a well-ventilated area. Do not breathe vapor. Wash hands thoroughly after handling.
Response	: Get medical attention if you feel unwell. IF exposed or concerned: Get medical attention. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or physician if you feel unwell. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing. If skin irritation occurs: Get medical attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or physician.
Storage	: Store locked up. Store in a well-ventilated place. Keep cool.
Disposal	: Dispose of contents and container in accordance with all local, regional, national and international regulations.
lazards not otherwise	: None known.

#### classified

NOTICE: Reports have associated repeated and prolonged OVEREXPOSURE to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents of this package may be harmful or fatal.

## Section 3. Composition/information on ingredients

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

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

CAS number	: Not applicable.
Product code	: 117-1050

Ingredient name	%	CAS number
titanium dioxide		13463-67-7
xylene, mixed isomers		1330-20-7
n-butanol		71-36-3
propan-2-ol		67-63-0
1-propanol, 2-methyl-		78-83-1
ethyl benzene		100-41-4
isobutyl acetate		110-19-0
amorphous silica		-
solvent naphta, light arom.		-
synthetic amorphous silica		7631-86-9
1,2,4-trimethylbenzene		95-63-6
mineral spirits		8052-41-3
formaldehyde		50-00-0
toluene		108-88-3
cumene		98-82-8

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.

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

## Section 4. First aid measures

Description of necessary first aid measures		
Eye contact	: Get medical attention immediately. Call a poison center or physician. 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. Chemical burns must be treated promptly by a physician.	
Inhalation	: Get medical attention immediately. Call a poison center or physician. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. 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. 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	: Get medical attention immediately. Call a poison center or physician. Flush contaminated skin with plenty of water. 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. Chemical burns must be treated promptly by a physician. Wash clothing before reuse. Clean shoes thoroughly before reuse.	
Ingestion	: Get medical attention immediately. Call a poison center or physician. 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. Chemical burns must be treated promptly by a physician. 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 ef	ects
Eye contact	: Causes serious eye damage.
Inhalation	: May cause respiratory irritation. Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure.
Skin contact	: Causes skin irritation.
Ingestion	: May cause burns to mouth, throat and stomach.
Over-exposure signs/syr	<u>iptoms</u>
Eye contact	: Adverse symptoms may include the following: pain watering redness
Inhalation	: Adverse symptoms may include the following: respiratory tract irritation coughing
Skin contact	: Adverse symptoms may include the following: pain or irritation redness blistering may occur
Ingestion	: Adverse symptoms may include the following: stomach pains
Indication of immediate m	edical attention and special treatment needed, if necessary
Notes to physician	<ul> <li>In case of inhalation of decomposition products in a fire, symptoms may be delayed.</li> <li>The exposed person may need to be kept under medical surveillance for 48 hours.</li> </ul>
Specific treatments	: No specific treatment.
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## Section 4. First aid measures

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
	subjected that runnes are still present, the rescue should wear an appropriate mask of self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

See toxicological information (Section 11)

## Section 5. Fire-fighting measures

Extinguishing media	
Suitable extinguishing media	: Use 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	: Highly flammable liquid and vapor. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. Runoff to sewer may create fire or explosion hazard.
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. 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	tive equipment and emergency procedures
For non-emergency personnel	: No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Do not breathe vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
For emergency responders	: If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
Environmental precautions	: Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
Methods and materials for co	ontainment and cleaning up
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.

## Section 6. Accidental release measures

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 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	l	
Protective measures	:	Put on appropriate personal protective equipment (see Section 8). Avoid exposure - obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not get in eyes or on skin or clothing. Do not breathe vapor or mist. Do not ingest. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use only non-sparking tools. Take precautionary measures against electrostatic discharges. 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 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
xylene, mixed isomers	TWA: 100 ppm 8 hours TWA: 434 mg/m <sup>3</sup> 8 hours TWA: 434 mg/m <sup>3</sup> 8 hours STEL: 150 ppm 15 min STEL: 651 mg/m <sup>3</sup> 15 m <b>OSHA PEL 1989 (United</b> TWA: 100 ppm 8 hours TWA: 435 mg/m <sup>3</sup> 8 hours TWA: 100 ppm 8 hours TWA: 435 mg/m <sup>3</sup> 8 hours TWA: 435 mg/m <sup>3</sup> 8 hours		ACGIH TLV (United States, 3/2012). 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 1989 (United States, 3/1989). TWA: 100 ppm 8 hours. TWA: 435 mg/m <sup>3</sup> 8 hours. STEL: 150 ppm 15 minutes. STEL: 655 mg/m <sup>3</sup> 15 minutes. OSHA PEL (United States, 6/2010). TWA: 100 ppm 8 hours. TWA: 435 mg/m <sup>3</sup> 8 hours.
n-butanol			ACGIH TLV (United States). TWA: 20 ppm 8 hours. OSHA PEL (United States). TWA: 100 ppm 8 hours.
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## Section 8. Exposure controls/personal protection

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propan-2-ol					V (United States).	
					ppm 8 hours.	
					) ppm 15 minutes.	
					. (United States). ) ppm 8 hours.	
1-propanol, 2-methyl-					V (United States, 3/2012).	
					opm 8 hours.	
					2 mg/m <sup>3</sup> 8 hours.	
					. 1989 (United States, 3/1989).	
					opm 8 hours.	
					, mg/m³ 8 hours.	
			NIO	SH RE	L (United States, 1/2013).	
			TW	VA: 50 J	opm 10 hours.	
			TW	VA: 150	) mg/m³ 10 hours.	
					. (United States, 6/2010).	
					) ppm 8 hours.	
			TV	VA: 300	) mg/m³ 8 hours.	
ethyl benzene			ACC	SIH TLV	V (United States).	
			ST	EL: 12	5 ppm 15 minutes.	
			ACC	SIH TLV	V (United States, 3/2012).	
			TW	VA: 20	opm 8 hours.	
			OSH	IA PEL	. 1989 (United States, 3/1989).	
					) ppm 8 hours.	
					5 mg/m <sup>3</sup> 8 hours.	
					5 ppm 15 minutes.	
					$5 \text{ mg/m}^3$ 15 minutes.	
					L (United States, 1/2013).	
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					5 mg/m³ 15 minutes. <b>. (United States, 6/2010).</b>	
					) ppm 8 hours.	
					5 mg/m <sup>3</sup> 8 hours.	
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isobutyl acetate					V (United States).	
					ppm 8 hours.	
					. (United States).	
					ppm 8 hours.	
solvent naphta,light arom.					L (United States, 1/2013).	
					ng/m <sup>3</sup> 10 hours. Form: Mist	
					mg/m <sup>3</sup> 15 minutes. Form: Mist	
synthetic amorphous silica					V (United States).	
					mg/m³ 8 hours. . <b>(United States).</b>	
					mg/m <sup>3</sup> 8 hours.	
1,2,4-trimethylbenzene					8	
					V (United States, 3/2012). opm 8 hours.	
					B mg/m <sup>3</sup> 8 hours.	
					. 1989 (United States, 3/1989).	
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					5 mg/m <sup>3</sup> 8 hours.	
					L (United States, 1/2013).	
					opm 10 hours.	
					5 mg/m <sup>3</sup> 10 hours.	
mineral spirits					V (United States, 3/2012).	
					ppm 8 hours.	
					5 mg/m <sup>3</sup> 8 hours.	
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					ppm 8 hours.	
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					L (United States, 1/2013).	
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## Section 8. Exposure controls/personal protection

cumeneTWA: 350 mg/m³ 10 hours. CEIL: 1800 mg/m³ 16 minutes. OSHA PEL (United States, 6/2010). TWA: 2000 mg/m³ 8 hours. ACGIH TLV (United States). CEIL: 0.3 ppm OSHA PEL (0.11/16 United States). TWA: 2075 ppm 8 hours. STEL: 2 ppm 15 minutes. OSHA PEL (0.3 ppm 15 minutes. OSHA PEL (0.3 ppm 15 minutes. CEIL: 500 ppm 15 minutes. STEL: 200 ppm 15 minutes. STEL: 200 ppm 8 hours. STEL: 200 ppm 16 minutes. OSHA PEL (1989 (United States, 3/1989). TWA: 200 ppm 8 hours. STEL: 500 ppm 16 minutes. STEL: 500 ppm 16 minutes. OSHA PEL 1989 (United States, 3/1989). TWA: 200 ppm 8 hours. STEL: 500 ppm 16 minutes. STEL: 500 ppm 10 hours. STEL: 500 mg/m³ 16 hours. STEL: 500 mg/m³ 10 hours. STEL: 500 mg		
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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 controls 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 measures

## Section 8. Exposure controls/personal protection

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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.
	Selection of personal protective equipment (PPE) is to be established by the employer performing a PPE hazard assessment. In the U.S.A, OSHA requires completion of a documented PPE hazard assessment as described in 29 CFR 1910.132.
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 and/ or face shield. If inhalation hazards exist, a full-face respirator may be required instead.
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. 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	<ul> <li>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.</li> </ul>
Respiratory protection	: Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.
	Dry sanding, flame cutting and/or welding of the dry paint film will give rise to dust and/ or hazardous fumes. Wet sanding/flatting should be used wherever possible. If exposure cannot be avoided by the provision of local exhaust ventilation, suitable respiratory protective equipment should be used.

## Section 9. Physical and chemical properties

<u>Appearance</u>	
Physical state	: Liquid.
Color	: Not available.
Odor	: Not available.
рН	: Not available.
Melting point	: Not available.
Boiling point	: 80 - 171 ℃ (176 - 339.8 뚜)
Flash point	: Closed cup: 17℃ (62.6年)
Evaporation rate	: Highest known value: Greater than 1. (propan-2-ol) compared with butyl acetate
Lower and upper explosive (flammable) limits	: Lower: 0.9% Upper: 12%
Vapor pressure	: 33 mm Hg (4.389 kPa) (Highest known value: propan-2-ol)
Vapor density	: >1 (Air = 1) (Calculation method)
Volatility	: 32.06% (w/w)
Density	: 1.201 g/cm <sup>3</sup>
Solubility	: Not available.

## Section 9. Physical and chemical properties

Partition coefficient: n-<br/>octanol/water: Not available.Decomposition temperature: Not available.

## Section 10. Stability and reactivity

Reactivity	: No specific test data related to reactivity available for this product or its ingredients.
Chemical stability	: The product is stable.
Possibility of hazardous reactions	: Under normal conditions of storage and use, hazardous reactions will not occur.
Conditions to avoid	: Avoid all possible sources of ignition (spark or flame). Do not pressurize, cut, weld, braze, solder, drill, grind or expose containers to heat or sources of ignition.
Incompatible materials	: Reactive or incompatible with the following materials: oxidizing materials
Hazardous decomposition products	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## Section 11. Toxicological information

#### Information on toxicological effects

#### Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
xylene, mixed isomers	LC50 Inhalation Vapor	Rat	5000 ppm	4 hours
-	LD50 Oral	Rat	4300 mg/kg	-
n-butanol	LC50 Inhalation Vapor	Rat	8000 ppm	4 hours
	LD50 Dermal	Rabbit	3400 mg/kg	-
	LD50 Oral	Rat	790 mg/kg	-
propan-2-ol	LC50 Inhalation Vapor	Rat	12000 ppm	8 hours
	LD50 Dermal	Rabbit	12800 mg/kg	-
	LD50 Oral	Rat	5000 mg/kg	-
1-propanol, 2-methyl-	LC50 Inhalation Vapor	Rat	19200 mg/m <sup>3</sup>	4 hours
	LD50 Dermal	Rabbit	3400 mg/kg	-
	LD50 Oral	Rat	2460 mg/kg	-
ethyl benzene	LC50 Inhalation Vapor	Rat	55000 mg/m <sup>3</sup>	2 hours
	LD50 Dermal	Rabbit	15486 mg/kg	-
	LD50 Oral	Rat	3500 mg/kg	-
isobutyl acetate	LC50 Inhalation Vapor	Rat	3500 ppm	4 hours
synthetic amorphous silica	LD50 Dermal	Rabbit	7500 mg/kg	-
	LD50 Oral	Rat	3160 mg/kg	-
1,2,4-trimethylbenzene	LC50 Inhalation Vapor	Rat	18000 mg/m <sup>3</sup>	4 hours
•	LD50 Oral	Rat	5000 mg/kg	-
formaldehyde	LC50 Inhalation Vapor	Rat	250 ppm	4 hours
-	LD50 Dermal	Rabbit	221 mg/kg	-
	LD50 Oral	Rat	100 mg/kg	-
toluene	LC50 Inhalation Vapor	Rat	49000 mg/m <sup>3</sup>	4 hours
	LD50 Dermal	Rabbit	12124 mg/kg	-
	LD50 Oral	Rat	636 mg/kg	-
cumene	LC50 Inhalation Vapor	Rat	39000 mg/m <sup>3</sup>	4 hours
	LD50 Dermal	Rabbit	10627 mg/kg	-
	LD50 Oral	Rat	1400 mg/kg	-

#### Irritation/Corrosion

Not available.

#### **Sensitization**

## Section 11. Toxicological information

#### Not available.

#### Mutagenicity

Product/ingredient name	Test	Experiment	Result	
formaldehyde	-	Subject: Mammalian-Animal	Positive	

#### Carcinogenicity Classification

Product/ingredient name	OSHA	IARC	NTP
titanium dioxide ethyl benzene	-	2B 2B	-
formaldehyde cumene	+ -	1 2B	Known to be a human carcinogen.

This product under certain conditions could release formaldehyde in sufficient quantities to require monitoring under OSHA regulations. Formaldehyde is a known carcinogen.

IARC has issued a notice that they will publish a monograph that lists titanium dioxide (TiO2) as possibly carcinogenic to humans (Group 2B) by inhalation (based solely on animal data). Human epidemiology studies do not suggest an increased risk of cancer in humans for occupational exposure to titanium dioxide. According to the IARC summary on titanium dioxide, "No significant exposure to titanium dioxide is thought to occur during the use of products in which titanium dioxide is bound to other materials, such as paint."

#### **Reproductive toxicity**

Not available.

#### **Teratogenicity**

Product/ingredient name	Result	Species	Dose	Exposure
toluene		Mammal - species unspecified	-	-

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

Name	Category	Route of exposure	Target organs
titanium dioxide	Category 3	Not applicable.	Respiratory tract irritation
n-butanol	Category 3	Not applicable.	Respiratory tract irritation
propan-2-ol	Category 3	Not applicable.	Narcotic effects
1-propanol, 2-methyl-	Category 3	Not applicable.	Respiratory tract irritation
proprietary	Category 3	Not applicable.	Respiratory tract irritation
synthetic amorphous silica	Category 3	Not applicable.	Respiratory tract irritation
1,2,4-trimethylbenzene	Category 3	Not applicable.	Respiratory tract irritation
toluene	Category 3	Not applicable.	Narcotic effects
cumene	Category 3	Not applicable.	Respiratory tract irritation

# Specific target organ toxicity (repeated exposure) Name Category Route of exposure Target organs ethyl benzene Category 2 Not determined ears

**Aspiration hazard** 

## Section 11. Toxicological information

Name	Result
ethyl benzene	ASPIRATION HAZARD - Category 1
proprietary	ASPIRATION HAZARD - Category 1
mineral spirits	ASPIRATION HAZARD - Category 1
toluene	ASPIRATION HAZARD - Category 1
cumene	ASPIRATION HAZARD - Category 1

Carriente	
Information as the U.S.	
Information on the likely routes of exposure	: Not available.
Potential acute health effec	<u>ts</u>
Eye contact	: Causes serious eye damage.
Inhalation	: May cause respiratory irritation. Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure.
Skin contact	: Causes skin irritation.
Ingestion	: May cause burns to mouth, throat and stomach.
Symptoms related to the ph	nysical, chemical and toxicological characteristics
Eye contact	: Adverse symptoms may include the following: pain watering redness
Inhalation	: Adverse symptoms may include the following: respiratory tract irritation coughing
Skin contact	: Adverse symptoms may include the following: pain or irritation redness blistering may occur
Ingestion	: Adverse symptoms may include the following: stomach pains
Delayed and immediate effe	ects and also chronic effects from short and long term exposure
Short term exposure	
Potential immediate effects	: Not available.
Potential delayed effects	: Not available.
Long term exposure	
Potential immediate effects	: Not available.
Potential delayed effects	: Not available.
Potential chronic health effective	<u>ifects</u>
Not available.	
General	: May cause damage to organs through prolonged or repeated exposure.
Carcinogenicity	: May cause cancer. Risk of cancer depends on duration and level of exposure.
Mutagenicity	: No known significant effects or critical hazards.
Teratogenicity	: No known significant effects or critical hazards.
<b>Developmental effects</b>	: No known significant effects or critical hazards.

**Fertility effects** : No known significant effects or critical hazards.

## Section 12. Ecological information

Data available upon request.

## Section 13. Disposal considerations

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

## Section 14. Transport information

	DOT Classification	TDG Classification	Mexico Classification	ADR/RID	IMDG	IATA
UN number	UN1263	UN1263	UN1263	UN1263	UN1263	UN1263
UN proper shipping name	Paint	Paint	Paint	Paint	Paint	Paint
Transport hazard class(es)	3	3	3	3	3	3
Packing group	11	11	11	11	11	11
Environmental hazards	No.	No.	No.	No.	No.	No.
Additional information	Reportable quantity 963.39 lbs / 437.38 kg [96. 205 gal / 364. 18 L] Package sizes shipped in quantities less than the product reportable quantity are not subject to the RQ (reportable quantity) transportation requirements.			Special provisions 640 (C) Tunnel code (D/E)	-	

### Section 14. Transport information

Special precautions for user	1	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 available. to Annex II of MARPOL 73/78 and the IBC Code

## Section 15. Regulatory information

U.S. Federal regulations : United States inventory (TSCA 8b): All components are listed or exempted.

Clean Air Act (CAA) 112 regulated toxic substances: xylene, mixed isomers; ethyl benzene; toluene; cumene; formaldehyde

#### **SARA 313**

	Product name	CAS number	%
Form R - Reporting requirements	5	1330-20-7 71-36-3 100-41-4 50-00-0	10.38 6.30 2.42 0.11

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	: None of the components are listed.
New York	: None of the components are listed.
New Jersey	: None of the components are listed.
Pennsylvania	: None of the components are listed.
- ··· · -	

#### California Prop. 65

WARNING: This product contains a chemical known to the State of California to cause cancer.

**WARNING:** This product contains less than 1% of a chemical known to the State of California to cause birth defects or other reproductive harm.

Ingredient name	Cancer	Reproductive	No significant risk level	Maximum acceptable dosage level
titanium dioxide	Yes.	No.	No.	No.
ethyl benzene	Yes.	No.	No.	No.
formaldehyde	Yes.	No.	No.	No.
toluene	No.	Yes.	No.	No.
cumene	Yes.	No.	No.	No.

**Canada inventory** : All components are listed or exempted. International regulations : Australia inventory (AICS): Not determined. International lists China inventory (IECSC): All components are listed or exempted. Japan inventory: Not determined. Korea inventory: All components are listed or exempted. Malaysia Inventory (EHS Register): Not determined. New Zealand Inventory of Chemicals (NZIoC): Not determined. Philippines inventory (PICCS): Not determined. Taiwan inventory (CSNN): Not determined. **Chemical Weapons** : Not listed **Convention List Schedule I Chemicals Chemical Weapons** : Not listed **Convention List Schedule II Chemicals** 

Date of issue/Date of revision

## Section 15. Regulatory information

Chemical Weapons : Not listed Convention List Schedule III Chemicals

## 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.

<u>History</u>	
Date of printing	: 2016-10-17.
Date of issue/Date of revision	: 2016-10-17.
Date of previous issue	: 2016-10-13.
Version	: 2.42
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 = Internediate Bulk Container IMDG = International Maritime Dangerous Goods LogPow = logarithm of the octanol/water partition coefficient MARPOL 73/78 = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution) UN = United Nations</li> </ul>
References	: Not available.

Indicates information that has changed from previously issued version.

#### Notice to reader

IMPORTANT NOTE The information in this data sheet is not intended to be exhaustive and is based on the present state of our knowledge and on current laws: any person using the product for any purpose other than that specifically recommended in the technical data sheet without first obtaining written confirmation from us as to the suitability of the product for the intended purpose does so at his own risk. It is always the responsibility of the user to take all necessary steps to fulfill the demands set out in the local rules and legislation. Always read the Material Data Sheet and the Technical Data Sheet for this product if available. All advice we give or any statement made about the product by us (whether in this data sheet or otherwise) is correct to the best of our knowledge but we have no control over the quality or the condition of the substrate or the many factors affecting the use and application of the product. Therefore, unless we specifically agree in writing otherwise, we do not accept any liability whatsoever for the performance of the product or for any loss or damage arising out of the use of the product. All products supplied and technical advice given are subject to our standard terms and conditions of sale. You should request a copy of this document and review it carefully. The information contained in this data sheet is subject to modification from time to time in the light of experience and our policy of continuous development. It is the user's responsibility to verify that this data sheet is current prior to using the product.

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