SAFETY DATA SHEET

K00020002

Section 1. Identification	
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Product name	: KRYLON® Industrial Primer Gray
Product code	: K00020002
Other means of identification	: Not available.
Product type	: Liquid.
Relevant identified uses of t	he substance or mixture and uses advised against
Not applicable.	
Manufacturer	: THE SHERWIN-WILLIAMS COMPANY KRYLON PRODUCTS GROUP Cleveland, OH 44115
Emergency telephone number of the company	: (216) 566-2917
Product Information Telephone Number	: (800) 247-3266
Regulatory Information Telephone Number	: (216) 566-2902
Transportation Emergency Telephone Number	: (800) 424-9300

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	 FLAMMABLE LIQUIDS - Category 3 SKIN SENSITIZATION - Category 1 CARCINOGENICITY - Category 2 TOXIC TO REPRODUCTION (Unborn child) - Category 2 SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Respiratory tract irritation and Narcotic effects) - Category 3 SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 2 ASPIRATION HAZARD - Category 1 Percentage of the mixture consisting of ingredient(s) of unknown toxicity: 98.7%
GHS label elements	
Hazard pictograms	
Signal word Hazard statements	 Danger Flammable liquid and vapor. May cause an allergic skin reaction. Suspected of damaging the unborn child. Suspected of causing cancer. May be fatal if swallowed and enters airways. May cause respiratory irritation. May cause drowsiness and dizziness. May cause damage to organs through prolonged or repeated exposure.
Date of issue/Date of revision	: 6/1/2015. Date of previous issue : 4/8/2015. Version : 1.03 1/13

Section 2. Hazards identification

Precautionary statements	
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, hot surfaces, sparks, open flames and other ignition sources. 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. Contaminated work clothing should not be allowed out of the workplace.
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 SWALLOWED: Immediately call a POISON CENTER or physician. Do NOT induce vomiting. 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. If skin irritation or rash occurs: Get medical attention.
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.
Supplemental label elements	DANGER: Rags, steel wool, other waste soaked with this product, and sanding residue may spontaneously catch fire if improperly discarded. Immediately place rags, steel wool, other waste soaked with this product, and sanding residue in a sealed, water-filled, metal container. Dispose of in accordance with local fire regulations. DELAYED EFFECTS FROM LONG TERM OVEREXPOSURE. Contains solvents which can cause permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal. WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. FOR INDUSTRIAL USE ONLY.
	Please refer to the SDS for additional information. Do not transfer contents to other containers for storage.
Hazards not otherwise classified	: None known.

Section 3. Composition/information on ingredients

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

CAS number/other identifiers

Ingredient name	% by weight	CAS number
Med. Aliphatic Hydrocarbon Solvent	8.2	64742-88-7
Lt. Aliphatic Hydrocarbon Solvent	7.7	64742-89-8
Mineral Spirits 140-Flash	6.1	64742-88-7
Titanium Dioxide	2.4	13463-67-7
Methyl Ethyl Ketoxime	0.2	96-29-7
2-(2-Methoxyethoxy)-ethanol	0.1	111-77-3

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	 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. 			
Inhalation	: 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. Get medical attention. If necessary, call a poison center or physician. 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.			
Skin contact	: Wash with plenty of soap and 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. Get medical attention. In the event of any complaints or symptoms, avoid further exposure. 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. Aspiration hazard if swallowed. Can enter lungs and cause damage. Do not induce vomiting. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. 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 effe	ects
Eye contact	: No known significant effects or critical hazards.
Inhalation	 Can cause central nervous system (CNS) depression. May cause drowsiness and dizziness. May cause respiratory irritation.
Skin contact	: May cause an allergic skin reaction.
Ingestion	 Can cause central nervous system (CNS) depression. May be fatal if swallowed and enters airways.
Over-exposure signs/sym	<u>nptoms</u>
Eye contact	: No specific data.
Inhalation	: Adverse symptoms may include the following: respiratory tract irritation coughing nausea or vomiting headache drowsiness/fatigue dizziness/vertigo unconsciousness reduced fetal weight increase in fetal deaths skeletal malformations
Skin contact	: Adverse symptoms may include the following: irritation redness reduced fetal weight increase in fetal deaths skeletal malformations
Date of issue/Date of revision	: 6/1/2015 Date of previous issue : 4/8/2015 Version : 1.03 3/1

Section 4. First aid measures

Ingestion	: Adverse symptoms may include the following: nausea or vomiting reduced fetal weight increase in fetal deaths skeletal malformations
Indication of immediate me	dical attention and special treatment needed, if necessary
Notes to physician	 Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
Specific treatments	: No specific treatment.
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.

See toxicological information (Section 11)

Section 5. Fire-fighting measures

Extinguishing media	
Suitable extinguishing media	: Use dry chemical, CO ₂ , water spray (fog) or foam.
Unsuitable extinguishing media	: Do not use water jet.
Specific hazards arising from the chemical	: 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. The vapor/gas is heavier than air and will spread along the ground. Vapors may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back. Runoff to sewer may create fire or explosion hazard.
Hazardous thermal decomposition products	: Decomposition products may include the following materials: carbon dioxide carbon monoxide 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	<u>tive equipmer</u>	nt and emergency proce	edures			
For non-emergency personnel	Evacuate s entering. D No flares, s adequate v	hall be taken involving ar urrounding areas. Keep Do not touch or walk throus moking or flames in haza entilation. Wear appropr iate personal protective e	unnecessary and ur igh spilled material. ard area. Avoid brea iate respirator when	nprotected perso Shut off all igni athing vapor or r	onnel from tion source mist. Provi	es. ide
For emergency responders	Section 8 o	ed clothing is required to on suitable and unsuitable personnel".				
Date of issue/Date of revision	: 6/1/2015.	Date of previous issue	: 4/8/2015.	Version	:1.03	4/13

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 containment 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.
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). 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 swallow. 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 nandled, 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 ocked up. Eliminate all ignition sources. Separate from oxidizing materials. Keep container tightly closed and sealed until ready for use. Containers that have been oppened 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		
Med. Aliphatic Hydrocarbon Solvent	OSHA PEL (United States, 2/2013).		
	TWA: 100 ppm 8 hours.		
	TWA: 400 mg/m ³ 8 hours.		
Mineral Spirits 140-Flash	OSHA PEL (United States, 2/2013).		
	TWA: 100 ppm 8 hours.		
	TWA: 400 mg/m ³ 8 hours.		
Titanium Dioxide	ACGIH TLV (United States, 4/2014).		
	TWA: 10 mg/m ³ 8 hours.		
	OSHA PEL (United States, 2/2013).		
	TWA: 15 mg/m ³ 8 hours. Form: Total dust		
Methyl Ethyl Ketoxime	AIHA WEEL (United States, 10/2011). Skin		
	sensitizer.		
	TWA: 10 ppm 8 hours.		

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

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	:	assessmer gases or di	wear complying with an a nt indicates this is necess usts. If contact is possibl ment indicates a higher o	ary to avoid exposu e, the following prot	re to liquid splas ection should be	hes, mists, worn, unles	s
Skin protection							
Hand protection	:	worn at all necessary. during use noted that glove manu	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	:	performed handling th static prote	rotective equipment for th and the risks involved an is product. When there i ctive clothing. For the gr ude anti-static overalls, b	d should be approve s a risk of ignition from eatest protection from	ed by a specialis om static electric	t before tity, wear an	ıti-
Other skin protection	:	based on t	e footwear and any additi ne task being performed efore handling this produ	and the risks involve			
Date of issue/Date of revision		: 6/1/2015.	Date of previous issue	: 4/8/2015.	Version	: 1.03	6/13

Section 8. Exposure controls/personal 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.

Section 9. Physical and chemical properties

Appearance		
Physical state	:	Liquid.
Color	:	Not available.
Odor	:	Not available.
Odor threshold	1	Not available.
рН	1	Not available.
Melting point	1	Not available.
Boiling point	1	115°C (239°F)
Flash point	1	Closed cup: 35°C (95°F) [Pensky-Martens Closed Cup]
Evaporation rate	1	1.5 (butyl acetate = 1)
Flammability (solid, gas)	:	Not available.
Lower and upper explosive (flammable) limits	1	Lower: 0.9% Upper: 6%
Vapor pressure	:	0.21 kPa (1.599 mm Hg) [at 20°C]
Vapor density	:	4.1 [Air = 1]
Relative density	:	1.48
Solubility	:	Not available.
Partition coefficient: n- octanol/water	1	Not available.
Auto-ignition temperature	:	Not available.
Decomposition temperature	:	Not available.
Viscosity	1	Kinematic (room temperature): <0.205 cm²/s (<20.5 cSt) Kinematic (40°C (104°F)): <0.205 cm²/s (<20.5 cSt)
Aerosol product		

Heat of combustion

: 0.00001092 kJ/g

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. Do not allow vapor to accumulate in low or confined areas.					
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.					
Date of issue/Date of revision	: 6/1/2015. Date of previous issue : 4/8/2015. Version : 1.03 7/13					

Section 11. Toxicological information

Information on toxicological effects

Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
Methyl Ethyl Ketoxime	LD50 Oral	Rat	930 mg/kg	-

Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure72 hours 300MicrogramsIntermittent	Observation -
Titanium Dioxide	Skin - Mild irritant	Human	-		
Methyl Ethyl Ketoxime	Eyes - Severe irritant	Rabbit	-	100 microliters	-
2-(2-Methoxyethoxy)-ethanol	Eyes - Mild irritant	Rabbit	-	24 hours 500 milligrams	-
	Eyes - Moderate irritant	Rabbit	-	500 milligrams	-

Sensitization

Not available.

Mutagenicity

Not available.

Carcinogenicity

Not available.

Classification

Product/ingredient name	OSHA	IARC	NTP
Titanium Dioxide	-	2B	-

Reproductive toxicity

Not available.

Teratogenicity

Not available.

Specific target organ toxicity (single exposure)

Name	Category	Route of exposure	Target organs
Med. Aliphatic Hydrocarbon Solvent	Category 3	Not applicable.	Respiratory tract irritation and Narcotic effects
Lt. Aliphatic Hydrocarbon Solvent	Category 3	Not applicable.	Respiratory tract irritation and Narcotic effects
Mineral Spirits 140-Flash	Category 3	Not applicable.	Respiratory tract irritation and Narcotic effects
2-(2-Methoxyethoxy)-ethanol	Category 3	Not applicable.	Respiratory tract irritation and Narcotic effects

Specific target organ toxicity (repeated exposure)

Date of issue/Date of revision	: 6/1/2015.	Date of previous issue	: 4/8/2015.	Version : 1.03	8/13
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Section 11. Toxicological information

Name	Category	Route of exposure	Target organs
Med. Aliphatic Hydrocarbon Solvent Lt. Aliphatic Hydrocarbon Solvent Mineral Spirits 140-Flash 2-(2-Methoxyethoxy)-ethanol	Category 2 Category 2	Not determined Not determined	Not determined Not determined Not determined Not determined

Aspiration hazard

Date of issue/Date of revision

: 6/1/2015.

Name	Result
Lt. Aliphatic Hydrocarbon Solvent	ASPIRATION HAZARD - Category 1 ASPIRATION HAZARD - Category 1 ASPIRATION HAZARD - Category 1

Potential acute health effects Eye contact I No known significant effects or critical hazards. Inhalation : Can cause central nervous system (CNS) depression. May cause drowsiness and diziness. May cause respiratory irritation. Skin contact : May cause an allergic skin reaction. Ingestion : Can cause central nervous system (CNS) depression. May be fatal if swallowed and enters airways. Symptoms rolated to the physical. chemical and toxicological characteristics Eye contact : No specific data. Inhalation : Adverse symptoms may include the following: respiratory tract irritation coughing nausea or vomiting headache drowsiness/ratigue dizziness/vertigo unconsciousness reduced feat weight increase in fetal deaths skeletal malformations Skin contact : Adverse symptoms may include the following: irritation reades in fetal deaths skeletal malformations Ingestion : Adverse symptoms may include the following: irritation reades in fetal deaths skeletal malformations Ingestion : Adverse symptoms may include the following: irritation redness in fetal deaths skeletal malformations Ingestion : Adverse symptoms may include the following: irritation redness in fetal deaths skeletal malformations Ingestion : Adverse symptoms may include the following: irritation redness in fetal deaths skeletal malformations Ingestion : Adverse symptoms may include the following: irritation redness in fe	Information on the likely routes of exposure	:	Not available.
Inhalation : Can cause central nervous system (CNS) depression. May cause drowsiness and dizzness. May cause respiratory irritation. Skin contact : May cause an allergic skin reaction. Ingestion : Can cause central nervous system (CNS) depression. May be fatal if swallowed and enters airways. Symptoms related to the physical, chemical and toxicological characteristics Eye contact : No specific data. Inhalation : Adverse symptoms may include the following: respiratory tract irritation coughing nausea or vomiting headache drowsiness/fatigue dizzness/vertigo unconsciousness reduced fetal weight increase in fetal deaths skeletal malformations Skin contact : Adverse symptoms may include the following: reduced fetal weight increase in fetal deaths skeletal malformations Skin contact : Adverse symptoms may include the following: irritation reduced fetal weight increase in fetal deaths skeletal malformations Skin contact : Adverse symptoms may include the following: irritation reduced fetal weight increase in fetal deaths skeletal malformations Ingestion : Adverse symptoms may include the following: nausea or vomitting reduced fetal weight increase in fetal deaths skeletal malformations Ingestion : Adverse symptoms may include the following: nausea or vomitting reduced fetal weight increase in fetal deaths skeletal malformations Ingestion : Adverse symptoms may include the following: nausea or vomitting reduced fetal weight increase in fetal deaths skeletal ma	Potential acute health effe	cts	
dizziness. May cause respiratory irritation. Image: Constant for the physical of	Eye contact	1	No known significant effects or critical hazards.
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Eye contact : No specific data. Inhalation : Adverse symptoms may include the following: respiratory tract irritation coughing nausea or vomiting headache drowsiness/fatigue dizziness/vertigo unconsciousness reduced fetal weight increase in fetal deaths skeletal malformations Skin contact : Adverse symptoms may include the following: increase in fetal deaths skeletal malformations Skin contact : Adverse symptoms may include the following: increase in fetal deaths skeletal malformations Ingestion : Adverse symptoms may include the following: nredness reduced fetal weight increase in fetal deaths skeletal malformations Ingestion : Adverse symptoms may include the following: nausea or vomiting reduced fetal weight increase in fetal deaths skeletal malformations Delayed and immediate effects and also chronic effects from short and long term exposure Short term exposure Potential immediate Potential immediate : Not available.	Ingestion	-	
Inhalation : Adverse symptoms may include the following: respiratory tract irritation coughing nausea or vomiting 	Symptoms related to the p	hy	sical, chemical and toxicological characteristics
respiratory tract irritation coughing nausea or vomiting headache drowsiness/fatigue dizziness/vertigo unconsciousness reduced fetal weight increase in fetal deaths skeletal malformations Skin contact : Adverse symptoms may include the following: irritation reduced fetal weight increase in fetal deaths skeletal malformations Skin contact : Adverse symptoms may include the following: increase in fetal deaths skeletal malformations Ingestion : Adverse symptoms may include the following: nausea or vomiting reduced fetal weight increase in fetal deaths skeletal malformations Ingestion : Adverse symptoms may include the following: nausea or vomiting reduced fetal weight increase in fetal deaths skeletal malformations Delayed and immediate effects and also chronic effects from short and long term exposure Short term exposure Potential immediate Potential immediate : Not available.	Eye contact	1	No specific data.
irritation irritation redness reduced fetal weight increase in fetal deaths skeletal malformations Ingestion : Adverse symptoms may include the following: nausea or vomiting reduced fetal weight increase in fetal deaths skeletal weight increase or vomiting reduced fetal weight increase in fetal deaths skeletal malformations Delayed and immediate effects and also chronic effects from short and long term exposure Short term exposure Potential immediate Potential immediate : Not available.	Inhalation	:	respiratory tract irritation coughing nausea or vomiting headache drowsiness/fatigue dizziness/vertigo unconsciousness reduced fetal weight increase in fetal deaths
nausea or vomiting reduced fetal weight increase in fetal deaths skeletal malformations Delayed and immediate effects and also chronic effects from short and long term exposure Short term exposure Potential immediate : Not available. effects	Skin contact	:	irritation redness reduced fetal weight increase in fetal deaths
Short term exposure Potential immediate : Not available. effects	Ingestion	:	nausea or vomiting reduced fetal weight increase in fetal deaths
Short term exposure Potential immediate : Not available. effects	Delayed and immediate eff	ec	ts and also chronic effects from short and long term exposure
Potential immediate : Not available. effects			
Potential delayed effects : Not available.	Potential immediate	;	Not available.
	Potential delayed effects	;	Not available.

Date of previous issue

: 4/8/2015.

9/13

Version : 1.03

Long term exposure	
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. Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels.
Carcinogenicity	: Suspected of causing cancer. Risk of cancer depends on duration and level of exposure.
Mutagenicity	: No known significant effects or critical hazards.
Teratogenicity	: Suspected of damaging the unborn child.
Developmental effects	: No known significant effects or critical hazards.
Fertility effects	: No known significant effects or critical hazards.

Numerical measures of toxicity Acute toxicity estimates Not available.

Section 12. Ecological information

Toxicity			
Product/ingredient name	Result	Species	Exposure
Lt. Aliphatic Hydrocarbon Solvent	Acute LC50 >100000 ppm Fresh water	Fish - Oncorhynchus mykiss	96 hours
Titanium Dioxide Methyl Ethyl Ketoxime 2-(2-Methoxyethoxy)-ethanol	Acute LC50 >1000000 μg/l Marine water Acute LC50 843000 μg/l Fresh water Acute EC50 >930 ppm Fresh water	Fish - Fundulus heteroclitus Fish - Pimephales promelas Daphnia - Daphnia magna	96 hours 96 hours 48 hours
	Acute LC50 7500000 μg/l Fresh water	Fish - Lepomis macrochirus	96 hours

Persistence and degradability

Not available.

Bioaccumulative potential

Product/ingredient name	LogPow	BCF	Potential
Lt. Aliphatic Hydrocarbon Solvent	-	10 to 2500	high
Titanium Dioxide Methyl Ethyl Ketoxime	-	352 2.5 to 5.8	low low

Mobility in soil

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

Other adverse effects

: No known significant effects or critical hazards.

Date of previous issue : 4/8/2015.

Section 13. Disposal considerations

Disposal methods

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

Section 14. Transport information

	DOT Classification	TDG Classification	Mexico Classification	ΙΑΤΑ	IMDG
UN number	UN1263	UN1263	UN1263	UN1263	UN1263
UN proper shipping name	PAINT	PAINT	PAINT	PAINT	PAINT
Transport hazard class(es)	3 () () () () () () () () () () () () ()	3	3	3	3
Packing group		Ш	Ш	111	Ш
Environmental hazards	No.	No.	No.	No.	No.
Additional information	<u>Special</u> provisions Not Applicable	<u>Special</u> provisions Not Applicable	<u>Special</u> provisions (ERG#128)	<u>Special</u> provisions Not Applicable	<u>Emergency</u> <u>schedules (EmS)</u> F-E, S-E

Special precautions for user : Multi-modal shipping descriptions are provided for informational purposes and do not consider container sizes. The presence of a shipping description for a particular mode of transport (sea, air, etc.), does not indicate that the product is packaged suitably for that mode of transport. All packaging must be reviewed for suitability prior to shipment, and compliance with the applicable regulations is the sole responsibility of the person offering the product for transport. People loading and unloading dangerous goods must be trained on all of the risks deriving from the substances and on all actions in case of emergency situations.

Transport in bulk according : Not available. to Annex II of MARPOL 73/78 and the IBC Code

Section 15. Regulatory information

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U.S. Federal regulations

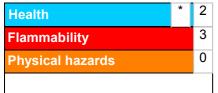
State regulations

California Prop. 65

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

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.

Notice to reader

It is recommended that each customer or recipient of this Safety Data Sheet (SDS) study it carefully and consult resources, as necessary or appropriate, to become aware of and understand the data contained in this SDS and any hazards associated with the product. This information is provided in good faith and believed to be accurate as of the effective date herein. However, no warranty, express or implied, is given. The information presented here applies only to the product as shipped. The addition of any material can change the composition, hazards and risks of the product. Regulatory requirements are subject to change and may differ between various locations and jurisdictions. The customer/buyer/user is responsible to ensure that his activities comply with all country, federal, state, provincial or local laws. The conditions for use of the product are not under the control of the manufacturer; the customer/buyer/user is responsible to determine the conditions necessary for the safe use of this product. The customer/buyer/user should not use the product for any purpose other than the purpose shown in the applicable section of this SDS without first referring to the supplier and obtaining written handling instructions. Due to the proliferation of sources for information such as manufacturer-specific SDS, the manufacturer cannot be responsible for SDSs obtained from any other source.

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e : 4/8/2015.