



Print Date Jun-01-2015 Revision Date May-31-2015 Revision Number

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product identifier Product code Product name Product category

VF152 Light Blue VF Series Flat Vinyl Screen Ink

Other means of identification Synonyms

Recommended use of the chemical and restrictions on useRecommended usePrinting operations

None

Details of the supplier of the safety data sheet

UNITED STATES Nazdar Company 8501 Hedge Lane Terrace Shawnee, KS 66227 Tel: 1-913-422-1888 Tel: 1-800-677-4657 Fax: 1-913-422-2294 www.nazdar.com UNITED KINGDOM Nazdar Limited Barton Road Heaton Mersey Stockport, England SK4 3EG Tel: +44 161 442 2111

Emergency telephone number

USA: Chemtrec: 1-800-424-9300 Outside USA: Chemtrec: 1-703-527-3887 24 Hour Emergency Phone Number

2. HAZARDS IDENTIFICATION

Classification

Serious eye damage/eye irritation	Category 2 - (H319)
Aspiration toxicity	Category 1 - (H304)
Flammable liquids	Category 3 - (H226)

Label elements



Danger

Hazard Statements

H304 - May be fatal if swallowed and enters airways H319 - Causes serious eye irritation H226 - Flammable liquid and vapor

Precautionary Statements

P331 - Do NOT induce vomiting

P210 - Keep away from heat/sparks/open flames/hot surfaces. - No smoking

Hazards not otherwise classified (HNOC)

May be harmful if swallowed. May be harmful in contact with skin.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixture

Component	CAS-No	Weight %	Trade	Note
			Secret	
Naphtha (petroleum), heavy aromatic	64742-94-5	30 - 60	*	
Talc	14807-96-6	10 - 30	*	
Titanium dioxide	13463-67-7	5 - 10	*	
Gamma Butyrolactone	96-48-0	5 - 10	*	
Diacetone alcohol	123-42-2	5 - 10	*	
Cyclohexanone	108-94-1	5 - 10	*	
Naphthalene (constituent)	91-20-3	1 - 5	*	1
Copper Phthalocyanine Compound	Trade Secret	1 - 5	*	
1,2,4-Trimethylbenzene (constituent)	95-63-6	< 0.5	*	1
Crystalline silica (cristobalite)	14464-46-1	< 0.5	*	

*The exact percentage (concentration) of composition has been withheld as a trade secret.

Note 1. Type of chemical: Constituent

4. FIRST AID MEASURES

Description of first aid measures

General Advice Eye Contact	Show this safety data sheet to the doctor in attendance. Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Get medical attention if irritation develops and persists.
Skin Contact	Wash off immediately with soap and plenty of water for at least 15 minutes. Remove contaminated clothing. If irritation (redness, rash, blistering) develops, get medical attention.
Inhalation	Remove person to fresh air and keep comfortable for breathing. If breathing is irregular or stopped, administer artificial respiration. Get medical attention immediately.
Ingestion	DO NOT induce vomiting. Never give anything by mouth to an unconscious person. Call a physician or poison control center immediately.

Most important symptoms and effects, both acute and delayed

None under normal use conditions.

Indication of any immediate medical attention and special treatment needed

Notes to Physician

Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Foam. Carbon dioxide (CO2). Dry chemical. Water spray. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media

No information available.

Specific Hazards Arising from the Chemical

Thermal decomposition can lead to release of irritating gases and vapors. May emit toxic fumes under fire conditions.

Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Cool containers / tanks with water spray. Sealed containers may rupture when heated.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal Precautions Remove all sources of ignition. Ventilate the area. Avoid contact with eyes, skin and clothing. Avoid breathing dust or vapor. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak.

Environmental precautions

Prevent product from entering drains. Prevent further leakage or spillage if safe to do so. Keep out of drains, sewers, ditches and waterways. Local authorities should be advised if significant spillages cannot be contained.

Methods and material for containment and cleaning up

Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13). Use clean non-sparking tools to collect absorbed material.

7. HANDLING AND STORAGE

Precautions for safe handling

Handling	Use personal protective equipment as required. Do not eat, drink or smoke when using this product. Ensure adequate ventilation.

Conditions for safe storage, including any incompatibilities

StorageKeep containers tightly closed in a dry, cool and well-ventilated place. Keep away from
open flames, hot surfaces and sources of ignition. Keep container closed when not in use.
Keep out of the reach of children.

Incompatible Products Strong acids. Strong bases. Strong oxidizing agents. Reducing agent.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure limits

Component	ACGIH TLV
Talc	TWA: 2 mg/m ³ (particulate matter)
14807-96-6	
Titanium dioxide	TWA: 10 mg/m ³
13463-67-7	
Diacetone alcohol	TWA: 50 ppm
123-42-2	
Cyclohexanone	TWA: 20 ppm
108-94-1	STEL: 50 ppm
	Skin
Naphthalene (constituent)	TWA: 10 ppm
91-20-3	STEL: 15 ppm
	Skin
Crystalline silica (cristobalite)	TWA: 0.025 mg/m ³ (respirable fraction)
14464-46-1	

Component	OSHA PEL
Talc	TWA: 2 mg/m ³ (respirable dust)
14807-96-6	
Titanium dioxide	TWA: 10 mg/m ³ (total dust)
13463-67-7	TWA: 15 mg/m ³ (total dust)

Diacetone alcohol 123-42-2	TWA: 50 ppm TWA: 240 mg/m ³
Cyclohexanone 108-94-1	TWA: 25 ppm TWA: 100 mg/m ³ TWA: 50 ppm TWA: 200 mg/m ³ Skin
Naphthalene (constituent) 91-20-3	TWA: 10 ppm TWA: 50 mg/m ³ STEL: 15 ppm STEL: 75 mg/m ³
Crystalline silica (cristobalite) 14464-46-1	TWA: 0.05 mg/m ³ (respirable dust)

Component	Ontario TWAEV
Talc 14807-96-6	TWA: 2 mg/m ³ (respirable)
Titanium dioxide 13463-67-7	TWA: 10 mg/m ³ (total dust)
Diacetone alcohol 123-42-2	TWA: 50 ppm TWA: 240 mg/m ³ STEL: 75 ppm STEL: 360 mg/m ³
Cyclohexanone 108-94-1	TWA: 20 ppm STEL: 50 ppm Skin
Naphthalene (constituent) 91-20-3	TWA: 10 ppm STEL: 15 ppm Skin
Crystalline silica (cristobalite) 14464-46-1	TWA: 0.05 mg/m ³ (respirable)

Component	Mexico OEL (TWA)
Talc	TWA/LMPE-PPT: 2 mg/m ³ (respirable fraction)
14807-96-6	
Titanium dioxide	TWA/LMPE-PPT: 10 mg/m ³ (as Ti)
13463-67-7	STEL/LMPE-CT: 20 mg/m ³ (as Ti)
Diacetone alcohol	TWA/LMPE-PPT: 50 ppm
123-42-2	TWA/LMPE-PPT: 240 mg/m ³
	STEL/LMPE-CT: 75 ppm
	STEL/LMPE-CT: 360 mg/m ³
Cyclohexanone	TWA/LMPE-PPT: 50 ppm
108-94-1	TWA/LMPE-PPT: 200 mg/m ³
	STEL/LMPE-CT: 100 ppm
	STEL/LMPE-CT: 400 mg/m ³
Naphthalene (constituent)	TWA/LMPE-PPT: 10 ppm
91-20-3	TWA/LMPE-PPT: 50 mg/m ³
	STEL/LMPE-CT: 15 ppm
	STEL/LMPE-CT: 75 mg/m ³
Crystalline silica (cristobalite)	TWA/LMPE-PPT: 0.05 mg/m ³ (respirable fraction)
14464-46-1	

Appropriate engineering controls

Engineering Measures	Provide a good standard of general ventilation. Natural ventilation is from doors, windows etc. Controlled ventilation means air is supplied or removed by a powered fan. Users are advised to consider national Occupational Exposure Limits or other equivalent values. In case of insufficient ventilation, wear suitable respiratory equipment.		
Individual protection measures, such as personal protective equipment			
Eye/face Protection	Wear safety glasses with side shields (or goggles). If splashes are likely to occur:. Wear suitable face shield. Ensure that eyewash stations and safety showers are close to the workstation location.		
Skin Protection	Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls,		

Respiratory ProtectionIf exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved
respiratory protection should be worn. Respiratory protection must be provided in
accordance with current local regulations.General Hygiene ConsiderationsHandle in accordance with good industrial hygiene and safety practice. Wash hands before
eating, drinking or smoking. Wash contaminated clothing before reuse. Avoid contact with
eyes, skin and clothing. Wear suitable gloves and eye/face protection. Regular cleaning of
equipment, work area and clothing is recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties Colored Liquid **Physical State** Liquid Appearance Odor Threshold No information available Odor Characteristic Remarks • Method Property Values Hα No data available Melting point/freezing point No data available > 149 °C / 300 °F **Boiling point/Boiling Range** 52 °C / 125 °F Setaflash closed cup Flash Point **Evaporation** rate No data available Flammability Limit in Air Upper flammability limit No data available Lower flammability limit No data available Vapor Pressure No data available Vapor Density No data available **Specific Gravity** 1.25 Water Solubility No data available Solubility in other solvents No data available Partition coefficient: n-octanol/water No data available **Autoignition Temperature** No data available **Decomposition temperature** No data available No data available **Kinematic viscosity** Dynamic viscosity No data available **Explosive Properties** No data available **Oxidizing Properties** No data available **Other Information Photochemically Reactive** Yes Weight Per Gallon (lbs/gal) 10.46 VOC by weight % VOC by volume % VOC lbs/gal VOC grams/liter (less water) (less water) (less water) (less water) 51.66 5.41 648.11 63.87

10. STABILITY AND REACTIVITY

Reactivity

No information available.

Chemical stability

Stable under normal conditions.

Possibility of Hazardous Reactions

None under normal processing.

Conditions to avoid

Keep away from open flames, hot surfaces and sources of ignition.

Incompatible materials

Strong acids. Strong bases. Strong oxidizing agents. Reducing agent.

Hazardous Decomposition Products

Thermal decomposition can lead to release of irritating gases and vapors. Carbon dioxide (CO2). Carbon monoxide.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Inhalation	There is no data for this product.
Eye Contact	There is no data for this product.
Skin Contact	There is no data for this product.
Ingestion	There is no data for this product.

Component	Oral LD50
Naphtha (petroleum), heavy aromatic 64742-94-5	>5000 mg/kg (Rat)
Titanium dioxide 13463-67-7	>10000 mg/kg (Rat)
Gamma Butyrolactone 96-48-0	1540 mg/kg (Rat)
Diacetone alcohol 123-42-2	4 g/kg (Rat)
Cyclohexanone 108-94-1	800 mg/kg (Rat)
Naphthalene (constituent) 91-20-3	490 mg/kg (Rat)
1,2,4-Trimethylbenzene (constituent) 95-63-6	3400 mg/kg (Rat)

Component	LD50 Dermal
Naphtha (petroleum), heavy aromatic 64742-94-5	>2000 mg/kg (Rabbit)
Diacetone alcohol 123-42-2	13500 mg/kg (Rabbit)
Naphthalene (constituent) 91-20-3	>2500 mg/kg (Rat) >20 g/kg (Rabbit)
1,2,4-Trimethylbenzene (constituent) 95-63-6	>3160 mg/kg (Rabbit)

Component	Inhalation LC50
Naphtha (petroleum), heavy aromatic 64742-94-5	>590 mg/m³(Rat)4 h
Gamma Butyrolactone 96-48-0	>2.68 mg/L (Rat)4 h
Cyclohexanone 108-94-1	8000 ppm (Rat)4 h 10.7 mg/L (Rat)4 h
Naphthalene (constituent) 91-20-3	>340 mg/m³(Rat)1 h
1,2,4-Trimethylbenzene (constituent) 95-63-6	18 g/m³(Rat)4 h

Information on toxicological effects

Symptoms

There is no data for this product.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation	There is no data for this product.
Eye damage/irritation	There is no data for this product.
Irritation	There is no data for this product.
Corrosivity	There is no data for this product.
Sensitisation	There is no data for this product.

Cyclohexanone A3 108-94-1 IARC Component IARC Titanium dioxide Group 2B 13463-67-7 Group 2B Naphthalene (constituent) Group 2B 91-20-3 Group 1 Crystalline silica (cristobalite) Group 1 14464-46-1 NTP Naphthalene (constituent) Reasonably Anticipated 91-20-3 Image: Constituent of the state	Mutagenic Effects Reproductive Effects STOT - single exposure STOT - repeated exposure Chronic Toxicity Aspiration hazard Carcinogenicity	There is no data for this product. There is no data for this product There is no data for this product. The table below indicates whether	er each agency has listed any ingredient as a carcinogen.
108-94-1 IARC Component IARC Titanium dioxide Group 2B 13463-67-7 Group 2B Naphthalene (constituent) Group 2B 91-20-3 Group 1 Crystalline silica (cristobalite) Group 1 14464-46-1 Group 1 Component NTP Naphthalene (constituent) Reasonably Anticipated 91-20-3 X Component X Naphthalene (constituent) X 91-20-3 X	Component		ACGIH
Component IARC Titanium dioxide Group 2B 13463-67-7 Group 2B Naphthalene (constituent) Group 2B 91-20-3 Group 1 Crystalline silica (cristobalite) Group 1 14464-46-1 The second seco			A3
Titanium dioxide Group 2B 13463-67-7 Group 2B Naphthalene (constituent) Group 2B 91-20-3 Group 1 Crystalline silica (cristobalite) Group 1 14464-46-1 Reasonably Anticipated 91-20-3 OSHA Component NTP Naphthalene (constituent) Reasonably Anticipated 91-20-3 X 13463-67-7 X Naphthalene (constituent) X 91-20-3 X	108-94-1		
Titanium dioxide Group 2B 13463-67-7 Group 2B Naphthalene (constituent) Group 2B 91-20-3 Group 1 Crystalline silica (cristobalite) Group 1 14464-46-1 Reasonably Anticipated 91-20-3 OSHA Component NTP Naphthalene (constituent) Reasonably Anticipated 91-20-3 X 13463-67-7 X Naphthalene (constituent) X 91-20-3 X	Component		IARC
13463-67-7 Group 2B Naphthalene (constituent) Group 1 91-20-3 Group 1 Crystalline silica (cristobalite) Group 1 14464-46-1 MTP Naphthalene (constituent) NTP Naphthalene (constituent) 91-20-3 Reasonably Anticipated Component OSHA Titanium dioxide X 13463-67-7 X Naphthalene (constituent) X 91-20-3 X Crystalline silica (cristobalite) X	•		Group 2B
91-20-3 Group 1 Crystalline silica (cristobalite) Group 1 14464-46-1 NTP Naphthalene (constituent) 91-20-3 Reasonably Anticipated 91-20-3 OSHA X Naphthalene (constituent) 91-20-3 X OSHA X X 13463-67-7 X Naphthalene (constituent) X 91-20-3 X Crystalline silica (cristobalite) X	13463-67-7		·
Crystalline silica (cristobalite) Group 1 14464-46-1 Group 1 Component NTP Naphthalene (constituent) Reasonably Anticipated 91-20-3 OSHA Titanium dioxide X 13463-67-7 X Naphthalene (constituent) X 91-20-3 X	Naphthalene (constituent)		Group 2B
14464-46-1 Component NTP Naphthalene (constituent) Reasonably Anticipated 91-20-3 OSHA Component OSHA Titanium dioxide X 13463-67-7 X Naphthalene (constituent) X 91-20-3 X Crystalline silica (cristobalite) X			
Component NTP Naphthalene (constituent) Reasonably Anticipated 91-20-3 Reasonably Anticipated Component OSHA Titanium dioxide X 13463-67-7 X Naphthalene (constituent) X 91-20-3 X Crystalline silica (cristobalite) X			Group 1
Naphthalene (constituent) Reasonably Anticipated 91-20-3 Component Component OSHA Titanium dioxide X 13463-67-7 X Naphthalene (constituent) X 91-20-3 X Crystalline silica (cristobalite) X	14464-46-1		
Naphthalene (constituent) Reasonably Anticipated 91-20-3 Component Component OSHA Titanium dioxide X 13463-67-7 X Naphthalene (constituent) X 91-20-3 X Crystalline silica (cristobalite) X	Component		NTP
91-20-3 OSHA Component OSHA Titanium dioxide X 13463-67-7 X Naphthalene (constituent) X 91-20-3 X Crystalline silica (cristobalite) X			
Titanium dioxide X 13463-67-7 X Naphthalene (constituent) X 91-20-3 X Crystalline silica (cristobalite) X			
Titanium dioxide X 13463-67-7 X Naphthalene (constituent) X 91-20-3 X Crystalline silica (cristobalite) X			
13463-67-7 X Naphthalene (constituent) X 91-20-3 X Crystalline silica (cristobalite) X	Component		
Naphthalene (constituent) X 91-20-3 Crystalline silica (cristobalite)			X
91-20-3 Crystalline silica (cristobalite) X			
Crystalline silica (cristobalite) X			X
			X
			^

Numerical measures of toxicity - Product Information

The following values are calculated based on chapter 3.1 of the GHS documentATEmix (oral)4,659.00 mg/kg

ATEmix (oral)	4,659.00 mg/kg
ATEmix (dermal)	5,276.00 mg/kg
ATEmix (inhalation-dust/mist)	22.40 mg/l
ATEmix (inhalation-vapor)	164.00 mg/l

12. ECOLOGICAL INFORMATION

Ecotoxicity

None known

0% of the mixture consists of components(s) of unknown hazards to the aquatic environment

Component	Algae/aquatic plants
Gamma Butyrolactone 96-48-0	72h EC50 Desmodesmus subspicatus: 360 mg/L 96h EC50 Desmodesmus subspicatus: 79 mg/L
Cyclohexanone 108-94-1	96h EC50 Chlorella vulgaris: 20 mg/L
Naphthalene (constituent) 91-20-3	72h EC50 Skeletonema costatum: 0.4 mg/L
Component	Fish
Talc 14807-96-6	96h LC50 Brachydanio rerio: >100 g/L [semi-static]
Gamma Butyrolactone 96-48-0	96h LC50 Leuciscus idus: 220 - 460 mg/L [static]
Diacetone alcohol 123-42-2	96h LC50 Lepomis macrochirus: 420 mg/L 96h LC50 Lepomis macrochirus: 420 mg/L [static]
Cyclohexanone 108-94-1	96h LC50 Pimephales promelas: 481 - 578 mg/L [flow-through]

Naphthalene (constituent) 91-20-3	96h LC50 Oncorhynchus mykiss: 0.91 - 2.82 mg/L [static] 96h LC50 Pimephales promelas: 5.74 - 6.44 mg/L [flow-through] 96h LC50 Oncorhynchus mykiss: 1.6 mg/L [flow-through] 96h LC50 Pimephales promelas: 1.99 mg/L [static] 96h LC50 Lepomis macrochirus: 31.0265 mg/L [static]
Copper Phthalocyanine Compound	48h LC50 Oryzias latipes: >100 mg/L [static]
1,2,4-Trimethylbenzene (constituent) 95-63-6	96h LC50 Pimephales promelas: 7.19 - 8.28 mg/L [flow-through]
Component	Crustacea

Component	Grustacea
Gamma Butyrolactone 96-48-0	48h EC50 Daphnia magna Straus: >500 mg/L
Diacetone alcohol 123-42-2	24h EC50 Daphnia magna: 8750 mg/L
Cyclohexanone 108-94-1	24h EC50 Daphnia magna: 800 mg/L
Naphthalene (constituent) 91-20-3	48h EC50 Daphnia magna: 1.09 - 3.4 mg/L [static] 48h EC50 Daphnia magna: 1.96 mg/L [Flow through] 48h LC50 Daphnia magna: 2.16 mg/L
1,2,4-Trimethylbenzene (constituent) 95-63-6	48h EC50 Daphnia magna: 6.14 mg/L

Persistence and Degradability No information available.

Bioaccumulation

No information available.

Component	Partition coefficient
Naphtha (petroleum), heavy aromatic 64742-94-5	4.5
Gamma Butyrolactone 96-48-0	-0.566
Diacetone alcohol 123-42-2	1.03
Cyclohexanone 108-94-1	0.86
Naphthalene (constituent) 91-20-3	3.3
Copper Phthalocyanine Compound	6.6
1,2,4-Trimethylbenzene (constituent) 95-63-6	3.63

Other adverse effects

No information available

13. DISPOSAL CONSIDERATIONS

Waste treatment methods		
Waste Disposal Methods	Contain and dispose of waste according to local regulations.	
Contaminated Packaging Empty containers should be taken to an approved waste handling site for recycling or disposal.		
14. TRANSPORT INFORMATION		
DOT	In the U.S. and Canada, this material may be reclassified as a combustible liquid and is not regulated, via surface transportation, in containers less than 119 gallons or 450 liters [per 49 CFR 173.150 (f)] [per Transportation of Dangerous Goods Regulations/Clear Language Part 1.33].	
UN/ID no.	UN1210	

Proper Shipping Name	Printing Ink
Hazard Class	3
Packing Group	III

ICAO / IATA / IMDG / IMO	
UN/ID no.	UN1210
Proper Shipping Name	Printing Ink
Hazard Class	3
Packing Group	III

15. REGULATORY INFORMATION

International Inventories

All components are listed on the TSCA Inventory. For further information, please contact:. Supplier (manufacturer/importer/downstream user/distributor).

U.S. Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

Component	CAS-No	Weight %	SARA 313 - Threshold Values
Naphthalene (constituent)	91-20-3	1 - 5	0.1

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)

This product contains the following substances which are listed hazardous air pollutants (HAPS) under Section 112 of the Clean Air Act:.

Component	CAS-No	Weight %
Naphthalene (constituent)	91-20-3	1 - 5

U.S. State Regulations

Component	Massachusetts Right To Know
Talc 14807-96-6	x
Titanium dioxide 13463-67-7	x
Diacetone alcohol 123-42-2	x
Cyclohexanone 108-94-1	x
Naphthalene (constituent) 91-20-3	x
1,2,4-Trimethylbenzene (constituent) 95-63-6	X
Crystalline silica (cristobalite) 14464-46-1	x

Component	Minnesota Right To Know
Talc 14807-96-6	X
Titanium dioxide 13463-67-7	X
Diacetone alcohol 123-42-2	x
Cyclohexanone 108-94-1	x
Naphthalene (constituent) 91-20-3	x
1,2,4-Trimethylbenzene (constituent) 95-63-6	x
Crystalline silica (cristobalite)	Х

14464-46-1	
Component	New Jersey Right To Know
Talc 14807-96-6	x
Titanium dioxide 13463-67-7	x
Diacetone alcohol 123-42-2	x
Cyclohexanone 108-94-1	x
Naphthalene (constituent) 91-20-3	x
Copper Phthalocyanine Compound	x
1,2,4-Trimethylbenzene (constituent) 95-63-6	x
Crystalline silica (cristobalite) 14464-46-1	X

Component	Pennsylvania Right To Know
Talc 14807-96-6	x
Titanium dioxide 13463-67-7	X
Diacetone alcohol 123-42-2	X
Cyclohexanone 108-94-1	X
Naphthalene (constituent) 91-20-3	X
Copper Phthalocyanine Compound	X
1,2,4-Trimethylbenzene (constituent) 95-63-6	X
Crystalline silica (cristobalite) 14464-46-1	X

<u>California Prop. 65</u> This product contains chemical(s) known to the State of California to cause cancer and/or to cause birth defects or other reproductive harm

Component	California Prop. 65
Titanium dioxide	Carcinogen
Naphthalene (constituent)	Carcinogen
This was dust southing the nine districts in a new yearing his forms habe	lation of tite size districts is unlikely to accur from a supervise to this and dust

This product contains titanium dioxide in a non-respirable form. Inhalation of titanium dioxide is unlikely to occur from exposure to this product

<u>Canada</u>

Component	NPRI - National Pollutant Release Inventory
Naphtha (petroleum), heavy aromatic 64742-94-5	Part 5, Other Groups and Mixtures Part 4 Substance as set out in Section 65 of the List of Toxic Substances in Schedule 1 of the Canadian Environmental Protection Act, 1999
Gamma Butyrolactone 96-48-0	Part 4 Substance as set out in Section 65 of the List of Toxic Substances in Schedule 1 of the Canadian Environmental Protection Act, 1999
Diacetone alcohol 123-42-2	Part 4 Substance as set out in Section 65 of the List of Toxic Substances in Schedule 1 of the Canadian Environmental Protection Act, 1999
Cyclohexanone 108-94-1	Part 4 Substance as set out in Section 65 of the List of Toxic Substances in Schedule 1 of the Canadian Environmental Protection Act, 1999
Naphthalene (constituent) 91-20-3	Part 1, Group A Substance Part 4 Substance as set out in Section 65 of the List of Toxic Substances in Schedule 1 of the Canadian Environmental Protection Act, 1999
Copper Phthalocyanine Compound	Part 1, Group A Substance total of the pure element and the

	equivalent weight of the element contained in any compound, alloy or mixture
1,2,4-Trimethylbenzene (constituent) 95-63-6	Part 1, Group A Substance Part 5, Individual Substances Part 4 Substance as set out in
	Section 65 of the List of Toxic Substances in Schedule 1 of the Canadian Environmental Protection Act, 1999

16. OTHER INFORMATION				
HMIS:	Health 3 *	Flammability 2	Reactivity 0	Personal Protection X
	bbreviations and acrony		ata sheet	
Legend - Section 8:	EXPOSURE CONTROLS/P		ata sheet	
	EXPOSURE CONTROLS/PI TWA (time-	ERSONAL PROTECTION	<u>ata sheet</u>	

A1 - Known Human Carcinogen
A2 - Suspected Human Carcinogen
A3 - Animal Carcinogen
IARC: (International Agency for Research on Cancer)
Group 1 - Carcinogenic to Humans
Group 2A - Probably Carcinogenic to Humans
Group 2B - Possibly Carcinogenic to Humans
NTP: (National Toxicity Program)
Known - Known Carcinogen
Reasonably Anticipated to be a Human Carcinogen
OSHA: (Occupational Safety & Health Administration)
X - Present

Revision Date May-31-2015

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of MSDS