1. Identification of the substance/mixture and of the company/undertaking

Manufacturer: E. I. du Pont de Nemours and Company.
DuPont Performance Coatings
Wilmington, DE 19898

Telephone:
Product information: (800) 441-7515
Medical emergency: (800) 441-3637
Transportation emergency: (800) 424-9300 (CHEMTREC)

Product: **Centari® Acrylic Enamel Tints and Miscellaneous Factory Packaged Colors**

DOT Shipping Name: See DOT Addendum.

Hazardous Materials Information: See Section 10.

2. Composition/information on ingredients

INGREDIENTS	CAS #	VAPOR PRESSURE	EXPOSURE LIMITS
	96591-17-2	None	A None, O None
1,2,4-trimethyl benzene	95-63-6	7.0@44.4 °C	A 25.0 ppm, O 25.0 ppm
2,2,4-trimethyl-1,3-pentanediol monoisobutyrate	25265-77-4	0.0	A None, O None
4,6-dimethyl-2-heptanone	19549-80-5	None	A None, O None
Acetone	67-64-1	247.0@68.0 °F	A 750.0 ppm 15 min STEL, A 500.0 ppm, O 1000.0 ppm, D 500.0 ppm 8 & 12 hour TWA
Acrylic polymer-A	79084-85-8	None	A None, O None
Acrylic polymer-B	96591-17-2	None	A None, O None
Aliphatic polyisocyanate resin	28182-81-2	None	S 1.0 mg/m3 15 min STEL, S 0.5 mg/m3, A None, O None
Alkyd resin	67922-67-2	None	A None, O None
Aluminum	7429-90-5	None	A 1.0 mg/m3 Respirable Dust, O 15.0 mg/m3 Total Dust, O 5.0 mg/m3 Respirable Dust, D 0.5 mg/m3 8 & 12 hour TWA
Amorphous silica	7631-86-9	None	A 10.0 mg/m3 Total Dust, O 20.0 mppcf, D 3.0 mg/m3
Amorphous silica-fumed	68611-44-9	None	A 2.0 mg/m3 Respirable Dust, D 1.0 mg/m3 Respirable Dust, O None
Antimony	7440-36-0	None	A 0.5 mg/m3 Sb, O 0.5 mg/m3 Sb
Antimony pentoxide	1314-60-9	None	A 0.5 mg/m3 Sb, O 0.5 mg/m3 Sb
Antimony trioxide	1309-64-4	None	A 0.5 mg/m3 Sb, O 0.5 mg/m3 Sb, D 0.2 mg/m3 Sb, D 0.1 mg/m3 12 hr TWA Sb
Aromatic hydrocarbon-A	64742-94-5	10.0	D 100.0 ppm, A None, O None
Aromatic hydrocarbon-B	64742-95-6	10.0@25.0 °C	D 50.0 ppm, A None, O None
Azo yellow pigment	31837-42-0	None	A 10.0 mg/m3, O 5.0 mg/m3 Respirable Dust, O 15.0 mg/m3
Bis(1,2,2,6,6-pentamethyl-4-piperidinyl) sebacate	41556-26-7	None	A None, O None
Butyl acetate	123-86-4	10.0	A 200.0 ppm 15 min STEL, A 150.0 ppm, O 150.0 ppm
C.i. pigment yellow 154	68134-22-5	None	A None, O None
Carbon black	1333-86-4	None	A 3.5 mg/m3, O 3.5 mg/m3, D 0.5 mg/m3 8 & 12 hour TWA
Castor oil, dehydrated	64147-40-6	None	A None, O None
Chromium(iii)	7440-47-3	None	A 0.5 mg/m3 Cr, O 0.5 mg/m3 Cr
Cobalt naphthenate	61789-51-3	0.8	A 50.0 ug/m3 Co, O 50.0 ug/m3 Co
Diisobutyl ketone	108-83-8	1.8	A 25.0 ppm, O 50.0 ppm
Dioxazine carbozole pigment	4378-61-4	None	A 10.0 mg/m3, O 5.0 mg/m3 Respirable Dust, O 15.0 mg/m3
Epoxy resin	25068-38-6	247.9@60.0 °F	A None, O None
Ethanol, 2-(2-butoxyethoxy)-	112-34-5	0.0	D 5.0 ppm, A None, O None
Ethyl 3-ethoxy propionate	763-69-9	2.0@25.0 °C	A None, O None
Ethyl acetate	141-78-6	93.2@25.0 °C	A 400.0 ppm, O 400.0 ppm
Ethylbenzene	100-41-4	7.0	A 125.0 ppm 15 min STEL, A 100.0 ppm, O 100.0 ppm, D 25.0 ppm 8 & 12 hour TWA
Ethylene glycol monobutyl ether acetate	112-07-2	0.3	A 20.0 ppm, D 20.0 ppm 8 & 12 hour TWA , O None
Ferrate(4-), hexacyano-, iron (+3) (3:4)	14038-43-8	None	A None, O None
Hydrous magnesium silicate	14807-96-6	None	A 2.0 mg/m3 Respirable Dust, D 0.5 mg/m3 8 & 12 hour TWA Respirable Dust, D 0.1 mg/m3 8 & 12 hour TWA, O None
Iron hydroxide	20344-49-4	None	A None, O None
Iron oxide-A	1309-37-1	None	A 5.0 mg/m3 Respirable Dust, O 10.0 mg/m3, D 3.0 mg/m3
Iron oxide-B	51274-00-1	None	A 5.0 mg/m3, O 10.0 mg/m3
Isoindolinone pigment-A	106276-80-6	None	A None, O None

INGREDIENTS	CAS #	VAPOR PRESSURE	EXPOSURE LIMITS
Isoindolinone pigment-B	36888-99-0	None	A None, O None
Isoindolinone yellow pigment	106276-79-3	None	A None, O None
Isopropyl alcohol	67-63-0	48.0	A None, O None
Lead chromate molybdate	12656-85-8	None	A 50.0 ug/m3 Pb, A 10.0 mg/m3 inhalable dust Mo, A 3.0 mg/m3 respirable particulate Mo, A 12.0 ug/m3 Cr(VI), O 50.0 ug/m3 Pb, O 5.0 ug/m3 Cr(VI)
Lead chromates	7758-97-6	None	A 50.0 ug/m3 Pb, A 12.0 ug/m3 Cr(VI), O 50.0 ug/m3 Pb, O 5.0 ug/m3 Cr(VI), D 50.0 ug/m3 Cr(VI)
Lead sulfochromate yellow	1344-37-2	None	A 50.0 ug/m3 Pb, A 12.0 ug/m3 Cr(VI), O 50.0 ug/m3 TWA Pb, O 5.0 ug/m3 Cr(VI), D 50.0 ug/m3 Cr(VI)
Manganese alkanoate	NotAvail	None	A 0.2 mg/m3 Mn, O 0.5 mg/m3 CEIL Mn
Medium mineral spirits	64742-88-7	0.3@68.0 °F	D 50.0 ppm 8 & 12 hour TWA, A None, O None
Methyl amyl ketone	110-43-0	3.4	A 50.0 ppm, O 100.0 ppm
Methyl ethyl ketone	78-93-3	71.2	A 300.0 ppm 15 min STEL, A 200.0 ppm, O 200.0 ppm, D 300.0 ppm 15 min TWA, D 200.0 ppm 8 & 12 hour TWA
Monoazo pigment	12236-62-3	None	A 10.0 mg/m3 inhalable dust particulate, O 15.0 mg/m3 Total Dust, O 5.0 mg/m3 Respirable Dust
N-butyl alcohol	71-36-3	5.6@68.0 °F	A 20.0 ppm, O 100.0 ppm, D 50.0 ppm 15 min STEL, D 25.0 ppm 8 & 12 hour TWA
Naphthalene	91-20-3	1.0@52.6 °C	A 15.0 ppm CEIL Skin, A 10.0 ppm Skin, O 10.0 ppm, D 0.1 ppm 8 & 12 hour TWA
Nickel oxide	1313-99-1	None	A 0.2 mg/m3 inhalable dust Ni, O 1.0 mg/m3 Ni, D 20.0 ug/m3 8 & 12 hour TWA Ni
Nitrocellulose	9004-70-0	None	A None, O None
Perylene pigment	5521-31-3	None	A 10.0 mg/m3, O None
Phthalocyanine blue	29719-96-8	None	A 10.0 mg/m3, O 5.0 mg/m3 Respirable Dust, O 15.0 mg/m3
Phthalocyanine blue pigment	147-14-8	None	A 10.0 mg/m3 inhalable dust PNOC, A 3.0 mg/m3 respirable particulate PNOC, O 15.0 mg/m3 Total Dust PNOR, O 5.0 mg/m3 TWA Respirable Dust PNOR
Phthalocyanine green	1328-53-6	None	A 3.0 mg/m3 TWA Respirable Dust, A 10.0 mg/m3 TWA inhalable dust, O 15.0 mg/m3 TWA Total Dust, O 5.0 mg/m3 TWA Respirable Dust
Phthalocyanine green pigment	68512-13-0	None	A None, O None
Pigment red 202	3089-17-6	None	A 3.0 mg/m3 Respirable Dust, A 10.0 mg/m3 inhalable dust PNOR, O 5.0 mg/m3 Respirable Dust PNOR, O 15.0 mg/m3
Polyester resin-A	NotAvail	None	A None, O None
Polyester resin-B	114615-84-8	None	A None, O None
Polyvinyl butyraldehyde	63148-65-2	None	A None, O None
Primary amyl acetate	628-63-7	4.2	A 100.0 ppm 15 min STEL, A 50.0 ppm, O 100.0 ppm
Propylene glycol monomethyl ether acetate	108-65-6	3.8	A None, O None
Quinacridone magenta	980-26-7	None	A None, O None
Quinacridone pigment	1047-16-1	None	A 10.0 mg/m3 inhalable dust, A 3.0 mg/m3, O 15.0 mg/m3 Total Dust PNOR, O 5.0 mg/m3 Respirable Dust, D 10.0 mg/m3 Total Dust
Red iron oxide light	1332-37-2	None	A 10.0 mg/m3 PNOR, A 3.0 mg/m3 Respirable Dust, A 5.0 mg/m3 Fe, O 15.0 mg/m3 Total Dust, O 5.0 mg/m3 Respirable Dust
Substituted benzotriazole	25973-55-1	None	A None, O None
Titanium dioxide	13463-67-7	None	A 10.0 mg/m3, O 15.0 mg/m3 Total Dust, D 10.0 mg/m3 Total Dust, D 5.0 mg/m3 Respirable Dust
Titanium dioxide (rutile)	1317-80-2	None	A 10.0 mg/m3 TWA Total Dust, O 10.0 mg/m3 Total Dust, O 5.0 mg/m3 Respirable Dust, D 10.0 mg/m3 Total Dust, D 5.0 mg/m3 Respirable Dust
Toluene	108-88-3	22.0	A 20.0 ppm , O 300.0 ppm CEIL, O 500.0 ppm 10 min TWA, O 200.0 ppm, D 50.0 ppm 8 & 12 hour TWA Skin
Turpentine	68956-56-9	2.0	A 20.0 ppm, O 100.0 ppm
Vm&p naphtha	8032-32-4	17.9@68.0 °F	A None, O None
Xylene	1330-20-7	8.0@25.0 °C	A 150.0 ppm 15 min STEL, A 100.0 ppm, O 100.0 ppm, D 150.0 ppm 15 min STEL, D 100.0 ppm 8 & 12 hour TWA
Yellow iron oxide	51274-00-1	None	A 10.0 mg/m3, O 15.0 mg/m3
Zinc phosphate	7779-90-0	None	O 5.0 mg/m3 Respirable Dust, A None
Zirconium octoate	22464-99-9	1.0@25.0 °C	A 10.0 mg/m3 15 min STEL, A 5.0 mg/m3 Zr, O 10.0 mg/m3 15 min STEL, O 5.0 mg/m3 Zr

***A=ACGIH, O=OSHA, D=DuPont, S=Suppliers. Limits are 8 hour TWA unless otherwise specified. Vapor pressure @ 20° C unless otherwise noted.**

3. Hazards identification

Potential Health Effects:

Inhalation:

May cause nose and throat irritation. May cause nervous system depression, characterized by the following progressive steps: headache, dizziness, nausea, staggering gait, confusion, unconsciousness. Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage. If this product contains or is mixed with an isocyanate activator/hardener, the following health effects may apply: Exposure to isocyanates may cause respiratory sensitization. This effect may be permanent. Symptoms include an asthma-like reaction with shortness of breath, wheezing, cough or permanent lung sensitization. This effect may be delayed for several hours after exposure. Repeated overexposure to isocyanates may cause a decrease in lung function, which may be permanent. Individuals with lung or breathing problems or prior reactions to isocyanates must not be exposed to vapors or spray mist of this product.

Ingestion:

May result in gastrointestinal distress.

Skin or eye contact:

May cause irritation or burning of the eyes. Repeated or prolonged liquid contact may cause skin irritation with discomfort and dermatitis.

Other Potential Health Effects in addition to those listed above:

Acetone

The following medical conditions may be aggravated by exposure: lung disease, eye disorders, skin disorders. Overexposure may cause damage to any of the following organs/systems: blood, central nervous system, eyes, kidneys, liver, respiratory system, skin.

Aliphatic polyisocyanate resin

Overexposure may cause asthma-like reactions with shortness of breath, wheezing, cough, which may be permanent; or permanent lung sensitization. This effect may be delayed for several hours after exposure. The following medical conditions may be aggravated by exposure: asthma, skin disorders, respiratory disorders. Potential skin sensitizer that may cause allergic reactions and contact dermatitis resulting in severe irritation, dryness, and cracking of the skin. Skin or eye contact may cause any of the following: irritation.

Antimony trioxide

Is an IARC, NTP or OSHA carcinogen. Cancer hazard based on tests with laboratory animals. Overexposure may create cancer risk This substance may cause effects on any of the following organs/systems: lungs. Tests in laboratory animals have shown potential for developmental toxicity. The significance to man is unknown. WARNING: This chemical is known to the State of California to cause cancer.

Aromatic hydrocarbon-A

Laboratory studies with rats have shown that petroleum distillates can cause kidney damage and kidney or liver tumors. These effects were not seen in similar studies with guinea pigs, dogs, or monkeys. Several studies evaluating petroleum workers have not shown a significant increase of kidney damage or an increase in kidney or liver tumors.

Aromatic hydrocarbon-B

The following medical conditions may be aggravated by exposure: skin disorders. Laboratory studies with rats have shown that petroleum distillates can cause kidney damage and kidney or liver tumors. These effects were not seen in similar studies with guinea pigs, dogs, or monkeys. Several studies evaluating petroleum workers have not shown a significant increase of kidney damage or an increase in kidney or liver tumors.

Bis(1,2,2,6,6-pentamethyl-4-piperidinyl) sebacate

Repeated exposure may cause allergic skin rash, itching, swelling.

Butyl acetate

May cause abnormal liver function. The following medical conditions may be aggravated by exposure: respiratory system. Tests for embryotoxic activity in animals has been inconclusive. Rats exposed to very high airborne levels have exhibited high frequency hearing deficits. The significance of this to man is unknown. Has been toxic to the fetus in laboratory animals at doses that are toxic to the mother.

C.i. pigment yellow 154

Inhalation may cause any of the following: respiratory tract irritation. Skin or eye contact may cause any of the following: irritation.

Carbon black

Is an IARC, NTP or OSHA carcinogen. Has shown carcinogenic activity in laboratory animals at high doses. Significance to man is unknown. The following medical conditions may be aggravated by exposure: asthma, respiratory disease. WARNING: This chemical is known to the State of California to cause cancer.

Cobalt naphthenate

Contact may cause skin irritation with discomfort or rash. Some cobalt compounds may be possible human carcinogens.

Diisobutyl ketone

The following medical conditions may be aggravated by exposure: asthma, blood, dermatitis. Contact may cause skin irritation with discomfort or rash. Repeated exposure may cause allergic skin rash, itching, swelling. This substance may cause damage to any of the following organs/systems: eyes, kidneys, liver. Extremely high oral and inhalation doses in laboratory animals have shown weight changes in various organs such as the liver, kidney, brain, heart and adrenal gland. In addition liver and kidney injury were observed at the extremely high inhalation level. In another inhalation study there was a slight depression in the white blood cell count. Liquid or vapor causes irritation, experienced as stinging, excess blinking and tear production, with excess redness and swelling of the conjuctiva.

Epoxy resin

The following medical conditions may be aggravated by exposure: skin disorders. Vapor may be irritating at elevated temperatures. Repeated or prolonged skin contact may cause any of the following: allergic contact dermatitis.

Ethanol, 2-(2-butoxyethoxy)-

Increased susceptibility to the effects of this material may be observed in people with preexisting disease of any of the following: central nervous system, eyes, kidneys, liver, skin. Tests in laboratory animals have shown effects on any of the following organs/systems: blood, kidneys, liver. Recurrent overexposure may result in liver and kidney injury. High doses in laboratory animals have shown non specific effects such as irritation, weight loss, moderate blood changes. Eye contact may cause any of the following: severe irritation, burns, corneal injury.

Ethyl acetate

Increased susceptibility to the effects of this material may be observed in people with preexisting disease of any of the following: eyes, respiratory system, skin. Tests in laboratory animals have shown effects on any of the following organs/systems: blood, kidneys, liver.

Ethylbenzene
Is an IARC, NTP or OSHA carcinogen. Increased susceptibility to the effects of this material may be observed in people with preexisting disease of any of the following: central nervous system, kidneys, liver, lungs. Recurrent overexposure may result in liver and kidney injury. Studies in laboratory animals have shown reproductive, embryotoxic and developmental effects. WARNING: This chemical is known to the State of California to cause cancer.

Ethylene glycol monobutyl ether acetate
May destroy red blood cells. May cause abnormal kidney function. May cause temporary upper respiratory and/or lung irritation with cough, difficult breathing, or shortness of breath. The following medical conditions may be aggravated by exposure: central nervous system, gastrointestinal system, kidneys, liver, dermatitis. Can be absorbed through the skin in harmful amounts. Overexposure may cause damage to any of the following organs/systems: blood, kidneys, liver. Ingestion may cause headache, nausea, vomiting, dizziness, and drowsiness.

Isopropyl alcohol
The following medical conditions may be aggravated by exposure: dermatitis, respiratory disease. Developmental toxicity was seen in rat's offspring at doses that were maternally toxic. Contact will cause moderate to severe redness and swelling, itching, tingling sensation, painful burning. May cause injury to the cornea of the eyes. Prolonged or repeated exposure may cause damage to any of the following organs/systems: liver. Ingestion studies on laboratory animals showed that very high oral doses caused increased liver and kidney weights.

Lead chromate molybdate
Is an IARC, NTP or OSHA carcinogen. Over exposure to lead may cause adverse effects to the blood forming, nervous, urinary, reproductive systems including embryotoxic effects. Symptoms may include loss of appetite, anemia, disturbance of sleep and fatigue. See OSHA lead standard 29CFR1910.1025. For exposures longer than 8 hours the OSHA exposure limit is reduced by this formula: limit(in ug/m3)= 400/hours worked in the day. Health studies have shown that chromate pigment manufacturing may be associated with an increase risk of lung cancer. Repeated or prolonged skin contact may cause any of the following: dermatitis, allergic contact dermatitis. The following medical conditions may be aggravated by overexposure: asthma. Repeated or prolonged skin or eye contact may cause any of the following: irritation. Repeated or prolonged inhalation may cause any of the following: respiratory tract irritation, sensitization, asthma-like reactions, e.g. wheezing, chest tightness. WARNING: This chemical is known to the State of California to cause cancer and birth defects or other reproductive harm

Lead chromates
Is an IARC, NTP or OSHA carcinogen. Over exposure to lead may cause adverse effects to the blood forming, nervous, urinary, reproductive systems including embryotoxic effects. Symptoms may include loss of appetite, anemia, disturbance of sleep and fatigue. See OSHA lead standard 29CFR1910.1025. For exposures longer than 8 hours the OSHA exposure limit is reduced by this formula: limit(in ug/m3)= 400/hours worked in the day. Health studies have shown that chromate pigment manufacturing may be associated with an increase risk of lung cancer. Repeated or prolonged skin contact may cause any of the following: dermatitis, allergic contact dermatitis. The following medical conditions may be aggravated by overexposure: asthma. Repeated or prolonged skin or eye contact may cause any of the following: irritation. Repeated or prolonged inhalation may cause any of the following: respiratory tract irritation, sensitization, asthma-like reactions, e.g. wheezing, chest tightness. WARNING: This chemical is known to the State of California to cause cancer and birth defects or other reproductive harm

Lead sulfochromate yellow
Is an IARC, NTP or OSHA carcinogen. Over exposure to lead may cause adverse effects to the blood forming, nervous, urinary, reproductive systems including embryotoxic effects. Symptoms may include loss of appetite, anemia, disturbance of sleep and fatigue. See OSHA lead standard 29CFR1910.1025. For exposures longer than 8 hours the OSHA exposure limit is reduced by this formula: limit(in ug/m3)= 400/hours worked in the day. Health studies have shown that chromate pigment manufacturing may be associated with an increase risk of lung cancer. Repeated or prolonged skin contact may cause any of the following: allergic contact dermatitis. The following medical conditions may be aggravated by overexposure: asthma. Repeated or prolonged skin or eye contact may cause any of the following: irritation. Repeated or prolonged inhalation may cause any of the following: respiratory tract irritation, sensitization, asthma-like reactions, e.g. wheezing, chest tightness. WARNING: This chemical is known to the State of California to cause cancer and birth defects or other reproductive harm

Manganese alkanoate
Contact may cause skin irritation with discomfort or rash.

Medium mineral spirits
Increased susceptibility to the effects of this material may be observed in people with preexisting disease of any of the following: central nervous system, kidneys, liver, respiratory system, skin. This substance may cause damage to any of the following organs/systems: blood, central nervous system, eyes, kidneys, liver, lungs, reproductive system, skin. Laboratory studies with rats have shown that petroleum distillates can cause kidney damage and kidney or liver tumors. These effects were not seen in similar studies with guinea pigs, dogs, or monkeys. Several studies evaluating petroleum workers have not shown a significant increase of kidney damage or an increase in kidney or liver tumors.

Methyl ethyl ketone
Material is irritating to mucous membranes and upper respiratory tract. Increased susceptibility to the effects of this material may be observed in people with preexisting disease of any of the following: central nervous system, eyes, respiratory system, skin. Prolonged or repeated overexposure may cause any of the following: conjunctivitis, dermatitis. High concentrations have caused embryotoxic effects in laboratory animals. Aspiration may occur during swallowing or vomiting, resulting in lung damage. Ingestion may cause headache, nausea, vomiting, dizziness, and drowsiness.

N-butyl alcohol
May cause abnormal blood forming function with anemia. Liquid splashes in the eye may result in chemical burns.

Naphthalene
Is an IARC, NTP or OSHA carcinogen. Tests in some laboratory animals demonstrate carcinogenic activity. Increased susceptibility to the effects of this material may be observed in people with preexisting disease of any of the following: kidneys, liver. Recurrent overexposure may result in liver and kidney injury. WARNING: This chemical is known to the State of California to cause cancer.

Nickel oxide
Is an IARC, NTP or OSHA carcinogen. Skin contact may cause any of the following: skin sensitization, skin irritation. Overexposure of this substance may cause effects on any of the following organs/systems: lungs. WARNING: This chemical is known to the State of California to cause cancer.

Nitrocellulose
The following medical conditions may be aggravated by overexposure: liver disease, kidney disorders.

Propylene glycol monomethyl ether acetate
Recurrent overexposure may result in liver and kidney injury.

Red iron oxide light
Long- term respiratory exposure of iron oxide may result in deposition of particles in the lung (benign siderosis).

Substituted benzotriazole
The following medical conditions may be aggravated by exposure: jaundice, liver disease. Repeated or prolonged ingestion may cause any of the following: changes in the blood, liver effects.

Titanium dioxide
Is an IARC, NTP or OSHA carcinogen. In a lifetime inhalation test, lung cancers were found in some rats exposed to 250 mg/m3 respirable titanium dust. Analysis of the titanium dioxide concentrations in the rat's lungs showed that the lung clearance mechanism was overwhelmed and that the results at the massive 250 mg/m3 level are not relevant to the workplace.'Results of a DuPont epidemiology study showed that employees who had been exposed to Titanium Dioxide were at no greater risk of developing lung cancer than were employees who had not been exposed to Titanium dioxide. No pulmonary fibrosis was found in any of the employees and no association was observed between Titanium dioxide exposure and chronic respiratory disease or x-ray abnormalities. Based on the results of this study DuPont concludes that titanium dioxide will not cause lung cancer or chronic respiratory disease in humans at concentrations experienced in the workplace.'

Titanium dioxide (rutile)
Is an IARC, NTP or OSHA carcinogen. In a lifetime inhalation test, lung cancers were found in some rats exposed to 250 mg/m3 respirable titanium dust. Analysis of the titanium dioxide concentrations in the rat's lungs showed that the lung clearance mechanism was overwhelmed and that the results at the massive 250 mg/m3 level are not relevant to the workplace.'Results of a DuPont epidemiology study showed that employees who had been exposed to Titanium Dioxide were at no greater risk of developing lung cancer than were employees who had not been exposed to Titanium dioxide. No pulmonary fibrosis was found in any of the employees and no association was observed between Titanium dioxide exposure and chronic respiratory disease or x-ray abnormalities. Based on the results of this study DuPont concludes that titanium dioxide will not cause lung cancer or chronic respiratory disease in humans at concentrations experienced in the workplace.'

Toluene
Increased susceptibility to the effects of this material may be observed in people with preexisting disease of any of the following: central nervous system, kidneys, liver, respiratory system, skin. Can be absorbed through the skin in harmful amounts. Recurrent overexposure may result in liver and kidney injury. High airborne levels have produced irregular heart beats in animals and occasional palpitations in humans. Rats exposed to very high airborne levels have exhibited high frequency hearing deficits. The significance of this to man is unknown. WARNING: This chemical is known to the State of California to cause birth defects or other reproductive harm.

Turpentine
ACGIH designates this as having potential to sensitize people as a result of dermal contact and/or inhalation exposure.

Vm&p naphtha
Increased susceptibility to the effects of this material may be observed in people with preexisting disease of any of the following: central nervous system, kidneys, liver, lungs, respiratory system, skin. This substance may cause damage to any of the following organs/systems: central nervous system, kidneys, liver, lungs, skin and eyes. Material may be harmful or fatal if swallowed.

Xylene
Increased susceptibility to the effects of this material may be observed in people with preexisting disease of any of the following: bone marrow, cardiovascular system, central nervous system, kidneys, liver, lungs. Recurrent overexposure may result in liver and kidney injury. High exposures may produce irregular heart beats. Canada classifies Xylene as a developmental toxin as high exposures to xylenes in some animal studies have been reported to cause health effects on the developing fetus/embryo. These effects were often at levels toxic to the adult animal. The significance of these effects to humans is not known. Repeated or prolonged skin contact may cause any of the following: irritation, dryness, cracking of the skin.

4. First aid measures

First Aid Procedures:

Inhalation:
If affected by inhalation of vapor or spray mist, move to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing difficulty persists, or occurs later, consult a physician.

Ingestion:
In the unlikely event of ingestion, DO NOT INDUCE VOMITING. Call a physician immediately and have names of ingredients available.

Skin or eye contact:
In case of eye contact, immediately flush with plenty of water for at least 15 minutes; call a physician. In case of skin contact, wash thoroughly with soap and water. If irritation occurs, contact a physician.

5. Fire-fighting measures

Flash Point (Closed Cup):
See Section 11 for exact values.

Flammable Limits: LFL 0.5 % UFL 24.6 %

Extinguishing Media:
Universal aqueous film-forming foam, carbon dioxide, dry chemical.

Fire Fighting Procedures:
Full protective equipment, including self-contained breathing apparatus, is recommended. Water from fog nozzles may be used to prevent pressure build-up.

Fire and Explosion Hazards:
For flammable liquids, vapor/air will ignite when an ignition source is present. In other cases, when heated above the flash point, emits flammable vapors which, when mixed with air, can burn or be explosive. Fine mists or sprays may be flammable at temperatures below the flash point.

6. Accidental release measures

Procedures for cleaning up spills or leaks:
Ventilate area. Remove sources of ignition. Prevent skin and eye contact and breathing of vapor. If material does not contain or is not mixed with an isocyanate activator/hardener: Wear a properly fitted air-purifying respirator with organic vapor cartridges (NIOSH approved TC-23C), eye protection, gloves and protective clothing. Confine, remove with inert absorbent, and dispose of properly. If the material contains, or is mixed with an isocyanate activator/hardener: Wear a positive-pressure,

supplied-air respirator (NIOSH approved TC-19C), eye protection, gloves and protective clothing. Pour liquid decontamination solution over the spill and allow to sit at least 10 minutes. Typical decontamination solutions for isocyanate containing materials are: 20% Surfactant (Tergitol TMN 10) and 80% Water OR 0-10% Ammonia, 2-5% Detergent and Water (balance). Pressure can be generated. Do not seal waste containers for 48 hours to allow C02 to vent. After 48 hours, material may be sealed and disposed of properly.

Ecological information:

There is no data available on the product. The product should not be allowed to enter drains, water courses or the soil.

7. Handling and storage

Precautions to be taken in handling and storing:

Observe label precautions. If combustible (flashpoint between 38-93 deg C or 100 - 200 deg F), keep away from heat, sparks and flame. If flammable (flashpoint less than 38 deg C or 100 deg F), also keep away from static discharges and other sources of ignition. If material is extremely flammable (flashpoint less than - 8 deg C or 20 deg F) or flammable, VAPORS MAY IGNITE EXPLOSIVELY OR CAUSE FLASH FIRE, respectively. Vapors may spread long distances. Prevent buildup of vapors. Close container after each use. Ground containers when pouring. Wash thoroughly after handling and before eating or smoking. Do not store above 49 deg C or 120 deg F. If product is waterbased, do not freeze.

Other precautions:

If material is a coating: do not sand, flame cut, braze or weld dry coating without a NIOSH approved air purifying respirator with particulate filters or appropriate ventilation, and gloves. Combustible dust clouds may be created where operations produce fine material (dust). Avoid formation of significant deposits of material as they may become airborne and form combustible dust clouds. Handling and processing operations should be conducted in accordance with best practices (e.g.NFPA-654).

8. Exposure controls/personal protection

Ventilation:

Provide sufficient ventilation in volume and pattern to keep contaminants below applicable exposure limits.

Respiratory protection:

Do not breathe vapors or mists. If this product contains isocyanates or is used with an isocyanate activator/hardener, wear a positive-pressure, supplied-air respirator (NIOSH approved TC-19C) while mixing activator/hardener with paint, during application and until all vapors and spray mist are exhausted. If product does not contain or is not mixed with an isocyanate activator/hardener, a properly fitted air-purifying respirator with organic vapor cartridges (NIOSH TC-23C) and particulate filter (NIOSH TC-84A) may be used. Follow respirator manufacturer s directions for respirator use. Do not permit anyone without protection in the painting area. Individuals with history of lung or breathing problems or prior reaction to isocyanates should not use or be exposed vapor or spray mist if product contains or is mixed with isocyanate activators/hardeners.

Protective equipment:

Personal protective equipment should be worn to prevent contact with eyes, skin or clothing.

Skin and body protection:

Neoprene gloves and coveralls are recommended.
Desirable in all industrial situations. Goggles are preferred to prevent eye irritation. If safety glasses are substituted, include splash guard or side shields.

9. Physical and chemical properties

Evaporation rate	Slower than Ether
Water solubility	NIL
Vapour density	Heavier than air
Approx. Boiling Range (°C)	56 – 135 °C
Approx. Freezing Range (°C)	-93 – 482 °C
Gallon Weight (lbs/gal)	6.87661 - 9.62225
Specific Gravity	0.82 - 1.15
Percent Volatile By Volume	56.69 - 95.95
Percent Volatile By Weight	45.06 - 94.20
Percent Solids By Volume	4.05 - 43.31
Percent Solids By Weight	5.80 - 54.94

10. Stability and reactivity

Stability:

Stable

Incompatibility (materials to avoid):

None reasonably foreseeable

Hazardous decomposition products:

CO, C02, smoke, and oxides of any heavy metals that are reported in “Composition, Information on Ingredients” section.

Hazardous Polymerization:

Will not occur.

Sensitivity to Static Discharge:

For flammable materials (flashpoint less than 38 deg C or 100 deg F) and combustibles (flashpoint between 38- 93 deg C or 100-200 deg F) if heated above the flashpoint, solvent vapors in air may explode if static grounding and bonding is not used during transfer of this product.

Sensitivity to Mechanical Impact:

None known.

11. Additional Information

2000S-A™ 1,2,4-trimethyl benzene(3%*), 2,2,4-trimethyl-1,3-pentanediol monoisobutyrate, Aromatic hydrocarbon-B, Polyester resin-B, Toluene(31%*@) **GAL WT: 7.93 WT PCT SOLIDS: 39.92 VOL PCT SOLIDS: 36.30 SOLVENT DENSITY: 7.46 VOC LE: 4.8 VOC AP: 4.8 FLASH POINT: 20 °F to below 73 °F H: 2 F: 3 R: 0 OSHA STORAGE: IB TSCA STATUS: In Compliance PHOTOCHEMICALLY REACTIVE: YES**

700A™ Acrylic polymer-B, Alkyd resin, Aromatic hydrocarbon-A, Butyl acetate, Ethylbenzene(4.3%*@), Methyl ethyl ketone, Naphthalene(0.1%*@), Titanium dioxide(14.2%), Toluene(10%*@), Vm&p naphtha, Xylene(17%*@) **GAL WT: 9.00 WT PCT SOLIDS: 52.28 VOL PCT SOLIDS: 39.24 SOLVENT DENSITY: 7.05 VOC LE: 4.3 VOC AP: 4.3 FLASH POINT: 20 °F to below 73 °F H: 2 F: 3 R: 0 OSHA STORAGE: IB TSCA STATUS: In Compliance PHOTOCHEMICALLY REACTIVE: YES**

701A™ , Acrylic polymer-B, Alkyd resin, Aromatic hydrocarbon-A, Ethylbenzene(4.7%*@), Methyl ethyl ketone, Naphthalene(0.1%*@), Titanium dioxide(3.0%), Toluene(15%*@), Vm&p naphtha, Xylene(18%*@) **GAL WT: 8.31 WT PCT SOLIDS: 51.50 VOL PCT SOLIDS: 43.31 SOLVENT DENSITY: 7.10 VOC LE: 4.0 VOC AP: 4.0 FLASH POINT: 20 °F to below 73 °F H: 2 F: 3 R: 0 OSHA STORAGE: IB TSCA STATUS: In Compliance PHOTOCHEMICALLY REACTIVE: YES**

705A™ , Acrylic polymer-B, Alkyd resin, Aromatic hydrocarbon-A, Carbon black(0.5%), Ethylbenzene(6.3%*@), Methyl ethyl ketone, Naphthalene(0.1%*@), Toluene(12%*@), Vm&p naphtha, Xylene(25%*@) **GAL WT: 7.87 WT PCT SOLIDS: 41.09 VOL PCT SOLIDS: 34.14 SOLVENT DENSITY: 7.03 VOC LE: 4.6 VOC AP: 4.6 FLASH POINT: 20 °F to below 73 °F H: 2 F: 3 R: 0 OSHA STORAGE: IB TSCA STATUS: In Compliance PHOTOCHEMICALLY REACTIVE: YES**

706A™ Acrylic polymer-B, Alkyd resin, Aromatic hydrocarbon-A, Ethylbenzene(5.7%*@), Methyl ethyl ketone, Naphthalene(0.1%*@), Toluene(13%*@), Vm&p naphtha, Xylene(23%*@) **GAL WT: 7.87 WT PCT SOLIDS: 42.31 VOL PCT SOLIDS: 35.28 SOLVENT DENSITY: 7.00 VOC LE: 4.5 VOC AP: 4.5 FLASH POINT: 20 °F to below 73 °F H: 2 F: 3 R: 0 OSHA STORAGE: IB TSCA STATUS: In Compliance PHOTOCHEMICALLY REACTIVE: YES**

710A™ Acrylic polymer-B, Alkyd resin, Aluminum(2%*), Aromatic hydrocarbon-A, Ethylbenzene(5.7%*@), Methyl ethyl ketone, Naphthalene(0.1%*@), Toluene(13%*@), Vm&p naphtha, Xylene(23%*@) **GAL WT: 7.94 WT PCT SOLIDS: 42.51 VOL PCT SOLIDS: 35.01 SOLVENT DENSITY: 7.01 VOC LE: 4.6 VOC AP: 4.6 FLASH POINT: 20 °F to below 73 °F H: 2 F: 3 R: 0 OSHA STORAGE: IB TSCA STATUS: In Compliance PHOTOCHEMICALLY REACTIVE: YES**

711A™ Acrylic polymer-B, Alkyd resin, Aluminum(1%*), Aromatic hydrocarbon-A, Ethylbenzene(6.0%*@), Methyl ethyl ketone, Naphthalene(0.3%*@), Toluene(12%*@), Vm&p naphtha, Xylene(24%*@) **GAL WT: 7.92 WT PCT SOLIDS: 40.78 VOL PCT SOLIDS: 33.55 SOLVENT DENSITY: 7.05 VOC LE: 4.7 VOC AP: 4.7 FLASH POINT: 20 °F to below 73 °F H: 2 F: 3 R: 0 OSHA STORAGE: IB TSCA STATUS: In Compliance PHOTOCHEMICALLY REACTIVE: YES**

713A™ Acrylic polymer-B, Alkyd resin, Aluminum(2%*), Aromatic hydrocarbon-A, Ethylbenzene(5.4%*@), Methyl ethyl ketone, Naphthalene(0.1%*@), Toluene(13%*@), Vm&p naphtha, Xylene(22%*@) **GAL WT: 8.05 WT PCT SOLIDS: 44.86 VOL PCT SOLIDS: 37.07 SOLVENT DENSITY: 7.05 VOC LE: 4.4 VOC AP: 4.4 FLASH POINT: 20 °F to below 73 °F H: 2 F: 3 R: 0 OSHA STORAGE: IB TSCA STATUS: In Compliance PHOTOCHEMICALLY REACTIVE: YES**

715A™ Acrylic polymer-B, Alkyd resin, Aromatic hydrocarbon-A, Ethylbenzene(6.2%*@), Manganese alkanoate(7%*@), Methyl ethyl ketone, Naphthalene(0.1%*@), Toluene(11%*@), Vm&p naphtha, Xylene(25%*@) **GAL WT: 8.13 WT PCT SOLIDS: 44.73 VOL PCT SOLIDS: 36.51 SOLVENT DENSITY: 7.07 VOC LE: 4.5 VOC AP: 4.5 FLASH POINT: 20 °F to below 73 °F H: 2 F: 3 R: 0 OSHA STORAGE: IB TSCA STATUS: In Compliance PHOTOCHEMICALLY REACTIVE: YES**

716A™ , Acrylic polymer-B, Alkyd resin, Aromatic hydrocarbon-A, Butyl acetate, Ethylbenzene(6.4%*@), Methyl ethyl ketone, Naphthalene(0.1%*@), Quinacridone pigment, Toluene(10%*@), Vm&p naphtha, Xylene(26%*@) **GAL WT: 7.98 WT PCT SOLIDS: 43.58 VOL PCT SOLIDS: 36.44 SOLVENT DENSITY: 7.08 VOC LE: 4.5 VOC AP: 4.5 FLASH POINT: 20 °F to below 73 °F H: 2 F: 3 R: 0 OSHA STORAGE: IB TSCA STATUS: In Compliance PHOTOCHEMICALLY REACTIVE: YES**

717A™ , Acrylic polymer-B, Alkyd resin, Aromatic hydrocarbon-A, Butyl acetate, Ethylbenzene(5.3%*@), Methyl ethyl ketone, Naphthalene(0.1%*@), Red iron oxide light, Toluene(10%*@), Vm&p naphtha, Xylene(21%*@) **GAL WT: 8.29 WT PCT SOLIDS: 47.33 VOL PCT SOLIDS: 37.81 SOLVENT DENSITY: 7.02 VOC LE: 4.4 VOC AP: 4.4 FLASH POINT: 20 °F to below 73 °F H: 2 F: 3 R: 0 OSHA STORAGE: IB TSCA STATUS: In Compliance PHOTOCHEMICALLY REACTIVE: YES**

718A™ , Acrylic polymer-B, Alkyd resin, Aromatic hydrocarbon-A, Butyl acetate, Ethylbenzene(5.6%*@), Methyl ethyl ketone, Naphthalene(0.1%*@), Quinacridone pigment, Toluene(8%*@), Vm&p naphtha, Xylene(22%*@) **GAL WT: 7.90 WT PCT SOLIDS: 42.92 VOL PCT SOLIDS: 35.63 SOLVENT DENSITY: 7.00 VOC LE: 4.5 VOC AP: 4.5 FLASH POINT: 20 °F to below 73 °F H: 2 F: 3 R: 0 OSHA STORAGE: IB TSCA STATUS: In Compliance PHOTOCHEMICALLY REACTIVE: YES**

720A™ , Acrylic polymer-B, Alkyd resin, Aromatic hydrocarbon-A, Butyl acetate, Ethylbenzene(6.5%*@), Methyl ethyl ketone, Naphthalene(0.1%*@), Phthalocyanine blue pigment, Toluene(11%*@), Vm&p naphtha, Xylene(26%*@) **GAL WT: 7.91 WT PCT SOLIDS: 40.87 VOL PCT SOLIDS: 33.69 SOLVENT DENSITY: 7.05 VOC LE: 4.7 VOC AP: 4.7 FLASH POINT: 20 °F to below 73 °F H: 2 F: 3 R: 0 OSHA STORAGE: IB TSCA STATUS: In Compliance PHOTOCHEMICALLY REACTIVE: YES**

721A™ Acrylic polymer-B, Alkyd resin, Aromatic hydrocarbon-A, Ethylbenzene(5.4%*@), Methyl ethyl ketone, Naphthalene(0.1%*@), Phthalocyanine blue pigment, Toluene(22%*@), Vm&p naphtha, Xylene(21%*@) **GAL WT: 7.99 WT PCT SOLIDS: 41.29 VOL PCT SOLIDS: 34.29 SOLVENT DENSITY: 7.13 VOC LE: 4.7 VOC AP: 4.7 FLASH POINT: 20 °F to below 73 °F H: 2 F: 3 R: 0 OSHA STORAGE: IB TSCA STATUS: In Compliance PHOTOCHEMICALLY REACTIVE: YES**

722A™ , Acrylic polymer-B, Alkyd resin, Aromatic hydrocarbon-A, Butyl acetate, Ethylbenzene(7.5%*@), Isoindolinone yellow pigment, Methyl ethyl ketone, Naphthalene(0.1%*@), Toluene(4%*@), Vm&p naphtha, Xylene(30%*@) **GAL WT: 8.09 WT PCT SOLIDS: 41.76 VOL PCT SOLIDS: 33.71 SOLVENT DENSITY: 7.10 VOC LE: 4.7 VOC AP: 4.7 FLASH POINT: 20 °F to below 73 °F H: 2 F: 3 R: 0 OSHA STORAGE: IB TSCA STATUS: In Compliance PHOTOCHEMICALLY REACTIVE: YES**

723A™ , Acrylic polymer-B, Alkyd resin, Aromatic hydrocarbon-A, Butyl acetate, Ethylbenzene(5.7%*@), Methyl ethyl ketone, Naphthalene(0.1%*@), Toluene(10%*@), Vm&p naphtha, Xylene(22%*@) **GAL WT: 7.85 WT PCT SOLIDS: 41.26 VOL PCT SOLIDS: 34.17 SOLVENT DENSITY: 7.00 VOC LE: 4.6 VOC AP: 4.6 FLASH POINT: 20 °F to below 73 °F H: 2 F: 3 R: 0 OSHA STORAGE: IB TSCA STATUS: In Compliance PHOTOCHEMICALLY REACTIVE: YES**

724A™ , Acrylic polymer-B, Alkyd resin, Aromatic hydrocarbon-A, Butyl acetate, Ethylbenzene(6.9%*@), Methyl ethyl ketone, Naphthalene(0.1%*@), Phthalocyanine blue, Toluene(9%*@), Vm&p naphtha, Xylene(27%*@) **GAL WT: 8.03 WT PCT SOLIDS: 42.36 VOL PCT SOLIDS: 35.38 SOLVENT DENSITY: 7.16 VOC LE: 4.6 VOC AP: 4.6 FLASH POINT: 20 °F to below 73 °F H: 2 F: 3 R: 0 OSHA STORAGE: IB TSCA STATUS: In Compliance PHOTOCHEMICALLY REACTIVE: YES**

725A™ , Acrylic polymer-B, Alkyd resin, Aromatic hydrocarbon-A, Ethylbenzene(6.5%*@), Ferrate(4-), hexacyano-, iron (+3) (3:4)(7%*), Methyl ethyl ketone, Naphthalene(0.1%*@), Toluene(10%*@), Vm&p naphtha, Xylene(26%*@) **GAL WT: 8.02 WT PCT SOLIDS: 40.97 VOL PCT SOLIDS: 32.62 SOLVENT DENSITY: 7.02 VOC LE: 4.7 VOC AP: 4.7 FLASH POINT: 20 °F to below 73 °F H: 2 F: 3 R: 0 OSHA STORAGE: IB TSCA STATUS: In Compliance PHOTOCHEMICALLY**

REACTIVE: YES

726A™ , Acrylic polymer-B, Alkyd resin, Aromatic hydrocarbon-A, Butyl acetate, Ethylbenzene(8.6%*@), Naphthalene(0.1%*@), Pigment red 202, Primary amyl acetate, Quinacridone pigment, Vm&p naphtha, Xylene(34%*@) **GAL WT: 8.05 WT PCT SOLIDS: 38.83 VOL PCT SOLIDS: 31.67 SOLVENT DENSITY: 7.20 VOC LE: 4.9 VOC AP: 4.9 FLASH POINT: 20 °F to below 73 °F H: 2 F: 3 R: 0 OSHA STORAGE: IB TSCA STATUS: In Compliance PHOTOCHEMICALLY REACTIVE: YES**

727A™ Acrylic polymer-B, Alkyd resin, Aluminum(3%*), Aromatic hydrocarbon-A, Ethylbenzene(2.6%*@), Medium mineral spirits, Methyl ethyl ketone, Naphthalene(0.1%*@), Toluene(37%*@), Xylene(10%*@) **GAL WT: 8.09 WT PCT SOLIDS: 42.03 VOL PCT SOLIDS: 34.69 SOLVENT DENSITY: 7.18 VOC LE: 4.7 VOC AP: 4.7 FLASH POINT: 20 °F to below 73 °F H: 2 F: 3 R: 0 OSHA STORAGE: IB TSCA STATUS: In Compliance PHOTOCHEMICALLY REACTIVE: YES**

728A™ , Acrylic polymer-B, Alkyd resin, Aromatic hydrocarbon-A, Butyl acetate, Ethylbenzene(7.5%*@), Methyl ethyl ketone, Naphthalene(0.1%*@), Phthalocyanine blue pigment, Toluene(7%*@), Vm&p naphtha, Xylene(30%*@) **GAL WT: 7.99 WT PCT SOLIDS: 40.24 VOL PCT SOLIDS: 33.17 SOLVENT DENSITY: 7.14 VOC LE: 4.8 VOC AP: 4.8 FLASH POINT: 20 °F to below 73 °F H: 2 F: 3 R: 0 OSHA STORAGE: IB TSCA STATUS: In Compliance PHOTOCHEMICALLY REACTIVE: YES**

731A™ , Acrylic polymer-B, Alkyd resin, Aromatic hydrocarbon-A, Butyl acetate, Ethylbenzene(5.4%*@), Lead chromate molybdate(19.8%*@), Lead chromates(0.6%*@), Methyl ethyl ketone, Naphthalene(0.1%*@), Toluene(8%*@), Vm&p naphtha, Xylene(22%*@) **GAL WT: 9.60 WT PCT SOLIDS: 54.50 VOL PCT SOLIDS: 38.64 SOLVENT DENSITY: 7.11 VOC LE: 4.4 VOC AP: 4.4 FLASH POINT: 20 °F to below 73 °F H: 2 F: 3 R: 0 OSHA STORAGE: IB TSCA STATUS: In Compliance PHOTOCHEMICALLY REACTIVE: YES**

732A™ , Acrylic polymer-B, Alkyd resin, Aromatic hydrocarbon-A, Butyl acetate, Ethylbenzene(5.2%*@), Methyl ethyl ketone, Naphthalene(0.1%*@), Toluene(7%*@), Vm&p naphtha, Xylene(21%*@), Yellow iron oxide **GAL WT: 8.71 WT PCT SOLIDS: 48.25 VOL PCT SOLIDS: 35.51 SOLVENT DENSITY: 6.98 VOC LE: 4.5 VOC AP: 4.5 FLASH POINT: 20 °F to below 73 °F H: 2 F: 3 R: 0 OSHA STORAGE: IB TSCA STATUS: In Compliance PHOTOCHEMICALLY REACTIVE: YES**

733A™ , Acrylic polymer-B, Alkyd resin, Aromatic hydrocarbon-A, Butyl acetate, Ethylbenzene(4.7%*@), Lead chromate molybdate(18.7%*@), Lead chromates(0.7%*@), Methyl ethyl ketone, Naphthalene(0.1%*@), Toluene(10%*@), Vm&p naphtha, Xylene(19%*@) **GAL WT: 9.43 WT PCT SOLIDS: 53.03 VOL PCT SOLIDS: 37.26 SOLVENT DENSITY: 7.05 VOC LE: 4.4 VOC AP: 4.4 FLASH POINT: 20 °F to below 73 °F H: 2 F: 3 R: 0 OSHA STORAGE: IB TSCA STATUS: In Compliance PHOTOCHEMICALLY REACTIVE: YES**

734A™ , Acrylic polymer-B, Alkyd resin, Aromatic hydrocarbon-A, Butyl acetate, Dioxazine carbozole pigment, Ethylbenzene(7.7%*@), Methyl ethyl ketone, Naphthalene(0.1%*@), Toluene(9%*@), Vm&p naphtha, Xylene(31%*@) **GAL WT: 7.78 WT PCT SOLIDS: 35.67 VOL PCT SOLIDS: 29.00 SOLVENT DENSITY: 7.07 VOC LE: 5.0 VOC AP: 5.0 FLASH POINT: 20 °F to below 73 °F H: 2 F: 3 R: 0 OSHA STORAGE: IB TSCA STATUS: In Compliance PHOTOCHEMICALLY REACTIVE: YES**

736A™ Acrylic polymer-B, Alkyd resin, Aromatic hydrocarbon-A, Ethylbenzene(5.5%*@), Isoindolinone pigment-A, Methyl ethyl ketone, Naphthalene(0.1%*@), Toluene(13%*@), Vm&p naphtha, Xylene(22%*@) **GAL WT: 8.04 WT PCT SOLIDS: 45.08 VOL PCT SOLIDS: 37.33 SOLVENT DENSITY: 7.03 VOC LE: 4.4 VOC AP: 4.4 FLASH POINT: 20 °F to below 73 °F H: 2 F: 3 R: 0 OSHA STORAGE: IB TSCA STATUS: In Compliance PHOTOCHEMICALLY REACTIVE: YES**

737A™ , Acrylic polymer-B, Alkyd resin, Amorphous silica, Antimony trioxide(0.4%*@), Aromatic hydrocarbon-A, Butyl acetate, Ethylbenzene(5.5%*@), Lead chromates(16.0%*@), Methyl ethyl ketone, Naphthalene(0.1%*@), Toluene(7%*@), Vm&p naphtha, Xylene(22%*@) **GAL WT: 9.41 WT PCT SOLIDS: 54.74 VOL PCT SOLIDS: 40.18 SOLVENT DENSITY: 7.10 VOC LE: 4.3 VOC AP: 4.3 FLASH POINT: 20 °F to below 73 °F H: 2 F: 3 R: 0 OSHA STORAGE: IB TSCA STATUS: In Compliance PHOTOCHEMICALLY REACTIVE: YES**

738A™ , Acrylic polymer-B, Alkyd resin, Aromatic hydrocarbon-A, Butyl acetate, Ethylbenzene(5.7%*@), Lead sulfochromate yellow(16.3%*@), Methyl ethyl ketone, Naphthalene(0.2%*@), Titanium dioxide(0.2%), Toluene(7%*@), Vm&p naphtha, Xylene(23%*@) **GAL WT: 9.15 WT PCT SOLIDS: 51.13 VOL PCT SOLIDS: 36.93 SOLVENT DENSITY: 7.08 VOC LE: 4.5 VOC AP: 4.5 FLASH POINT: 20 °F to below 73 °F H: 2 F: 3 R: 0 OSHA STORAGE: IB TSCA STATUS: In Compliance PHOTOCHEMICALLY REACTIVE: YES**

741A™ , Acrylic polymer-B, Alkyd resin, Aromatic hydrocarbon-A, Butyl acetate, Ethylbenzene(6.8%*@), Methyl ethyl ketone, Naphthalene(0.1%*@), Phthalocyanine green pigment, Toluene(10%*@), Vm&p naphtha, Xylene(27%*@) **GAL WT: 8.00 WT PCT SOLIDS: 42.17 VOL PCT SOLIDS: 34.78 SOLVENT DENSITY: 7.09 VOC LE: 4.6 VOC AP: 4.6 FLASH POINT: 20 °F to below 73 °F H: 2 F: 3 R: 0 OSHA STORAGE: IB TSCA STATUS: In Compliance PHOTOCHEMICALLY REACTIVE: YES**

742A™ , Acrylic polymer-B, Alkyd resin, Aromatic hydrocarbon-A, Butyl acetate, Ethylbenzene(5.9%*@), Methyl ethyl ketone, Naphthalene(0.1%*@), Phthalocyanine green, Toluene(8%*@), Vm&p naphtha, Xylene(24%*@) **GAL WT: 7.94 WT PCT SOLIDS: 41.33 VOL PCT SOLIDS: 33.68 SOLVENT DENSITY: 7.02 VOC LE: 4.7 VOC AP: 4.7 FLASH POINT: 20 °F to below 73 °F H: 2 F: 3 R: 0 OSHA STORAGE: IB TSCA STATUS: In Compliance PHOTOCHEMICALLY REACTIVE: YES**

746A™ , Acrylic polymer-B, Alkyd resin, Aromatic hydrocarbon-A, Butyl acetate, Ethylbenzene(5.9%*@), Methyl ethyl ketone, Naphthalene(0.1%*@), Quinacridone pigment, Toluene(8%*@), Vm&p naphtha, Xylene(23%*@) **GAL WT: 7.98 WT PCT SOLIDS: 43.38 VOL PCT SOLIDS: 35.61 SOLVENT DENSITY: 7.01 VOC LE: 4.5 VOC AP: 4.5 FLASH POINT: 20 °F to below 73 °F H: 2 F: 3 R: 0 OSHA STORAGE: IB TSCA STATUS: In Compliance PHOTOCHEMICALLY REACTIVE: YES**

747A™ , Acrylic polymer-B, Alkyd resin, Aromatic hydrocarbon-A, Butyl acetate, Ethylbenzene(7.9%*@), Methyl ethyl ketone, Naphthalene(0.1%*@), Quinacridone magenta, Quinacridone pigment, Toluene(4%*@), Xylene(31%*@) **GAL WT: 8.06 WT PCT SOLIDS: 41.51 VOL PCT SOLIDS: 34.67 SOLVENT DENSITY: 7.21 VOC LE: 4.7 VOC AP: 4.7 FLASH POINT: 20 °F to below 73 °F H: 2 F: 3 R: 0 OSHA STORAGE: IB TSCA STATUS: In Compliance PHOTOCHEMICALLY REACTIVE: YES**

748A™ , Acrylic polymer-B, Alkyd resin, Aromatic hydrocarbon-A, Butyl acetate, Ethylbenzene(5.6%*@), Methyl ethyl ketone, Naphthalene(0.1%*@), Quinacridone pigment, Toluene(10%*@), Vm&p naphtha, Xylene(22%*@) **GAL WT: 7.91 WT PCT SOLIDS: 42.88 VOL PCT SOLIDS: 35.57 SOLVENT DENSITY: 7.01 VOC LE: 4.5 VOC AP: 4.5 FLASH POINT: 20 °F to below 73 °F H: 2 F: 3 R: 0 OSHA STORAGE: IB TSCA STATUS: In Compliance PHOTOCHEMICALLY REACTIVE: YES**

749A™ , Acrylic polymer-B, Alkyd resin, Aromatic hydrocarbon-A, Ethylbenzene(6.2%*@), Methyl ethyl ketone, Naphthalene(0.3%*@), Perylene pigment, Toluene(11%*@), Vm&p naphtha, Xylene(25%*@) **GAL WT: 7.94 WT PCT SOLIDS: 40.29 VOL PCT SOLIDS: 32.78 SOLVENT DENSITY: 7.05 VOC LE: 4.7 VOC AP: 4.7 FLASH POINT: 20 °F to below 73 °F H: 2 F: 3 R: 0 OSHA STORAGE: IB TSCA STATUS: In Compliance PHOTOCHEMICALLY REACTIVE: YES**

750A™ , Acrylic polymer-B, Alkyd resin, Aromatic hydrocarbon-A, Butyl acetate, Ethylbenzene(7.1%*@), Iron oxide-B, Methyl ethyl ketone, Naphthalene(0.1%*@), Toluene(7%*@), Vm&p naphtha, Xylene(28%*@) **GAL WT: 8.14 WT PCT SOLIDS: 41.95 VOL PCT SOLIDS: 33.11 SOLVENT DENSITY: 7.07 VOC LE: 4.7 VOC AP:**

4.7 FLASH POINT: 20 °F to below 73 °F H: 2 F: 3 R: 0 OSHA STORAGE: IB TSCA STATUS: In Compliance PHOTOCHEMICALLY REACTIVE: YES

752A™ , Acrylic polymer-B, Alkyd resin, Aromatic hydrocarbon-A, Butyl acetate, Ethylbenzene(4.8%*@), Iron oxide-A, Methyl ethyl ketone, Naphthalene(0.1%*@), Toluene(4%*@), Vm&p naphtha, Xylene(19%*@) **GAL WT: 8.27 WT PCT SOLIDS: 40.26 VOL PCT SOLIDS: 30.33 SOLVENT DENSITY: 7.09 VOC LE: 4.9 VOC AP: 4.9 FLASH POINT: 20 °F to below 73 °F H: 2 F: 3 R: 0 OSHA STORAGE: IB TSCA STATUS: In Compliance PHOTOCHEMICALLY REACTIVE: YES**

756A™ Acrylic polymer-B, Alkyd resin, Aromatic hydrocarbon-A, Ethylbenzene(7.6%*@), Methyl ethyl ketone, Naphthalene(0.1%*@), Toluene(12%*@), Vm&p naphtha, Xylene(30%*@) **GAL WT: 7.88 WT PCT SOLIDS: 39.10 VOL PCT SOLIDS: 32.64 SOLVENT DENSITY: 7.12 VOC LE: 4.8 VOC AP: 4.8 FLASH POINT: 20 °F to below 73 °F H: 2 F: 3 R: 0 OSHA STORAGE: IB TSCA STATUS: In Compliance PHOTOCHEMICALLY REACTIVE: YES**

758S™ Butyl acetate, Cobalt naphthenate(3.7%*@), Ethylbenzene(0.6%*@), Medium mineral spirits, Toluene(10%*@), Vm&p naphtha, Xylene(2%*@), Zirconium octoate **GAL WT: 6.88 WT PCT SOLIDS: 5.80 VOL PCT SOLIDS: 4.05 SOLVENT DENSITY: 6.75 VOC LE: 6.5 VOC AP: 6.5 FLASH POINT: 20 °F to below 73 °F H: 2 F: 3 R: 0 OSHA STORAGE: IB TSCA STATUS: In Compliance PHOTOCHEMICALLY REACTIVE: NO**

761A™ , Acrylic polymer-B, Alkyd resin, Antimony(9%*@), Aromatic hydrocarbon-A, Butyl acetate, Chromium(iii)(4%*@), Ethylbenzene(5.8%*@), Methyl ethyl ketone, Naphthalene(0.2%*@), Titanium dioxide (rutile)(7.8%), Toluene(4%*@), Vm&p naphtha, Xylene(23%*@) **GAL WT: 9.62 WT PCT SOLIDS: 54.94 VOL PCT SOLIDS: 39.57 SOLVENT DENSITY: 7.16 VOC LE: 4.3 VOC AP: 4.3 FLASH POINT: 20 °F to below 73 °F H: 2 F: 3 R: 0 OSHA STORAGE: IB TSCA STATUS: In Compliance PHOTOCHEMICALLY REACTIVE: YES**

762A™ , Acrylic polymer-B, Alkyd resin, Antimony pentoxide(3%*@), Aromatic hydrocarbon-A, Butyl acetate, Ethylbenzene(5.3%*@), Methyl ethyl ketone, Naphthalene(0.1%*@), Nickel oxide(1.0%*@), Titanium dioxide(16.4%), Toluene(7%*@), Vm&p naphtha, Xylene(21%*@) **GAL WT: 9.46 WT PCT SOLIDS: 54.78 VOL PCT SOLIDS: 39.71 SOLVENT DENSITY: 7.09 VOC LE: 4.3 VOC AP: 4.3 FLASH POINT: 20 °F to below 73 °F H: 2 F: 3 R: 0 OSHA STORAGE: IB TSCA STATUS: In Compliance PHOTOCHEMICALLY REACTIVE: YES**

763A™ , Acrylic polymer-B, Alkyd resin, Aromatic hydrocarbon-A, Butyl acetate, Ethylbenzene(6.5%*@), Monoazo pigment, Naphthalene(0.3%*@), Toluene(3%*@), Vm&p naphtha, Xylene(26%*@) **GAL WT: 8.28 WT PCT SOLIDS: 45.32 VOL PCT SOLIDS: 36.43 SOLVENT DENSITY: 7.12 VOC LE: 4.5 VOC AP: 4.5 FLASH POINT: 20 °F to below 73 °F H: 2 F: 3 R: 0 OSHA STORAGE: IB TSCA STATUS: In Compliance PHOTOCHEMICALLY REACTIVE: YES**

764A™ , Acrylic polymer-B, Alkyd resin, Aromatic hydrocarbon-A, Butyl acetate, C.i. pigment yellow 154, Ethylbenzene(6.9%*@), Methyl ethyl ketone, Naphthalene(0.1%*@), Titanium dioxide(0.1%), Toluene(4%*@), Vm&p naphtha, Xylene(28%*@) **GAL WT: 8.20 WT PCT SOLIDS: 45.17 VOL PCT SOLIDS: 37.00 SOLVENT DENSITY: 7.13 VOC LE: 4.5 VOC AP: 4.5 FLASH POINT: 20 °F to below 73 °F H: 2 F: 3 R: 0 OSHA STORAGE: IB TSCA STATUS: In Compliance PHOTOCHEMICALLY REACTIVE: YES**

765A™ , Acrylic polymer-B, Alkyd resin, Butyl acetate, Ethylbenzene(7.4%*@), Isoindolinone pigment-B, Toluene(1%*@), Xylene(29%*@) **GAL WT: 8.67 WT PCT SOLIDS: 48.91 VOL PCT SOLIDS: 39.25 SOLVENT DENSITY: 7.15 VOC LE: 4.4 VOC AP: 4.4 FLASH POINT: 20 °F to below 73 °F H: 2 F: 3 R: 0 OSHA STORAGE: IB TSCA STATUS: In Compliance PHOTOCHEMICALLY REACTIVE: YES**

767A™ Acrylic polymer-B, Alkyd resin, Aromatic hydrocarbon-A, Azo yellow pigment, Butyl acetate, Ethylbenzene(4.2%*@), Methyl ethyl ketone, Naphthalene(0.1%*@), Toluene(12%*@), Vm&p naphtha, Xylene(17%*@) **GAL WT: 8.20 WT PCT SOLIDS: 46.82 VOL PCT SOLIDS: 37.99 SOLVENT DENSITY: 7.02 VOC LE: 4.4 VOC AP: 4.4 FLASH POINT: 20 °F to below 73 °F H: 2 F: 3 R: 0 OSHA STORAGE: IB TSCA STATUS: In Compliance PHOTOCHEMICALLY REACTIVE: YES**

8105S™ 4,6-dimethyl-2-heptanone, Aliphatic polyisocyanate resin, Aromatic hydrocarbon-A, Aromatic hydrocarbon-B, Butyl acetate, Diisobutyl ketone, Ethylbenzene(2.3%*@), Naphthalene(0.8%*@), Xylene(9%*@) **GAL WT: 8.12 WT PCT SOLIDS: 41.96 VOL PCT SOLIDS: 34.91 SOLVENT DENSITY: 7.23 VOC LE: 4.7 VOC AP: 4.7 FLASH POINT: 73 °F to below 100 °F H: 3 F: 3 R: 1 OSHA STORAGE: IC TSCA STATUS: In Compliance PHOTOCHEMICALLY REACTIVE: YES**

8165S™ Bis(1,2,2,6,6-pentamethyl-4-piperidinyl) sebacate, Butyl acetate, Ethyl 3-ethoxy propionate, Ethyl acetate, Ethylbenzene(1.2%*@), Polyester resin-A, Substituted benzotriazole, Toluene(17%*@), Vm&p naphtha, Xylene(5%*@) **GAL WT: 7.78 WT PCT SOLIDS: 35.50 VOL PCT SOLIDS: 30.33 SOLVENT DENSITY: 7.18 VOC LE: 5.0 VOC AP: 5.0 FLASH POINT: 20 °F to below 73 °F H: 2 F: 3 R: 1 OSHA STORAGE: IB TSCA STATUS: In Compliance PHOTOCHEMICALLY REACTIVE: YES**

8170S™ Acetone, Acrylic polymer-A, Butyl acetate, Castor oil, dehydrated, Ethanol, 2-(2-butoxyethoxy)-(6%*@), Ethyl 3-ethoxy propionate, Ethylbenzene(2.9%*@), Methyl amyl ketone, Vm&p naphtha, Xylene(12%*@) **GAL WT: 7.46 WT PCT SOLIDS: 28.81 VOL PCT SOLIDS: 24.63 SOLVENT DENSITY: 7.02 VOC LE: 5.3 VOC AP: 5.0 FLASH POINT: 20 °F to below 73 °F H: 2 F: 3 R: 1 OSHA STORAGE: IB TSCA STATUS: In Compliance PHOTOCHEMICALLY REACTIVE: YES**

8175S™ Bis(1,2,2,6,6-pentamethyl-4-piperidinyl) sebacate, Butyl acetate, Ethanol, 2-(2-butoxyethoxy)-(7%*@), Ethyl 3-ethoxy propionate, Ethylbenzene(1.2%*@), Polyester resin-A, Substituted benzotriazole, Vm&p naphtha, Xylene(5%*@) **GAL WT: 7.69 WT PCT SOLIDS: 35.48 VOL PCT SOLIDS: 29.97 SOLVENT DENSITY: 7.05 VOC LE: 5.0 VOC AP: 5.0 FLASH POINT: 20 °F to below 73 °F H: 2 F: 3 R: 1 OSHA STORAGE: IB TSCA STATUS: In Compliance PHOTOCHEMICALLY REACTIVE: NO**

8180S™ 1,2,4-trimethyl benzene(3%*), Acrylic polymer-A, Aromatic hydrocarbon-A, Aromatic hydrocarbon-B, Butyl acetate, Castor oil, dehydrated, Ethylbenzene(1.9%*@), Ethylene glycol monobutyl ether acetate(6%*@), Methyl amyl ketone, Naphthalene(0.4%*@), Vm&p naphtha, Xylene(8%*@) **GAL WT: 7.54 WT PCT SOLIDS: 28.80 VOL PCT SOLIDS: 24.88 SOLVENT DENSITY: 7.13 VOC LE: 5.4 VOC AP: 5.4 FLASH POINT: 20 °F to below 73 °F H: 2 F: 3 R: 0 OSHA STORAGE: IB TSCA STATUS: In Compliance PHOTOCHEMICALLY REACTIVE: YES**

8185S™ Bis(1,2,2,6,6-pentamethyl-4-piperidinyl) sebacate, Butyl acetate, Ethanol, 2-(2-butoxyethoxy)-(7%*@), Ethyl 3-ethoxy propionate, Ethylbenzene(1.2%*@), Ethylene glycol monobutyl ether acetate(11%*@), Polyester resin-A, Substituted benzotriazole, Vm&p naphtha, Xylene(5%*@) **GAL WT: 7.90 WT PCT SOLIDS: 35.48 VOL PCT SOLIDS: 30.77 SOLVENT DENSITY: 7.34 VOC LE: 5.1 VOC AP: 5.1 FLASH POINT: 20 °F to below 73 °F H: 2 F: 3 R: 1 OSHA STORAGE: IB TSCA STATUS: In Compliance PHOTOCHEMICALLY REACTIVE: NO**

818P31858™ Acetone, Amorphous silica-fumed, Butyl acetate, Carbon black(0.3%), Epoxy resin, Ethylbenzene(1.6%*@), Hydrous magnesium silicate, Iron hydroxide, Isopropyl alcohol, N-butyl alcohol(14%*), Nitrocellulose, Polyvinyl butyraldehyde, Propylene glycol monomethyl ether acetate, Titanium dioxide(9.3%), Xylene(6%*@), Zinc phosphate(4%*) **GAL WT: 9.12 WT PCT SOLIDS: 36.14 VOL PCT SOLIDS: 19.05 SOLVENT DENSITY: 7.19 VOC LE: 5.8 VOC AP: 5.7 FLASH POINT: 20 °F to below 73 °F H: 2 F: 3 R: 2 OSHA STORAGE: IB TSCA STATUS: In Compliance PHOTOCHEMICALLY REACTIVE: YES**

8195S™ Bis(1,2,2,6,6-pentamethyl-4-piperidinyl) sebacate, Butyl acetate, Ethanol, 2-(2-butoxyethoxy)-(4%*@), Ethyl 3-ethoxy propionate, Ethylbenzene(0.6 - 1.5%*@), Ethylene glycol monobutyl ether acetate(16%*@), Polyester resin-A, Substituted benzotriazole, Vm&p naphtha, Xylene(4 - 5%*@) **GAL WT: 7.94 WT PCT SOLIDS:**

35.49 VOL PCT SOLIDS: 30.94 SOLVENT DENSITY: 7.39 VOC LE: 5.1 VOC AP: 5.1 FLASH POINT: 20 °F to below 73 °F H: 2 F: 3 R: 1 OSHA STORAGE: IB TSCA STATUS: In Compliance PHOTOCHEMICALLY REACTIVE: NO

934-DR706™ , Acrylic polymer-B, Alkyd resin, Aromatic hydrocarbon-A, Butyl acetate, Carbon black(0.7%), Cobalt naphthenate(0.2%*@), Ethylbenzene(5.2%*@), Methyl ethyl ketone, Naphthalene(0.4%*@), Titanium dioxide(8.3%), Toluene(4%*@), Turpentine(1%@), Xylene(21%*@), Yellow iron oxide **GAL WT: 8.91 WT PCT SOLIDS: 52.42 VOL PCT SOLIDS: 41.24 SOLVENT DENSITY: 7.20 VOC LE: 4.2 VOC AP: 4.2 FLASH POINT: 20 °F to below 73 °F H: 2 F: 3 R: 0 OSHA STORAGE: IB TSCA STATUS: In Compliance PHOTOCHEMICALLY REACTIVE: YES**

Footnotes:
TSCA: in compliance In compliance with TSCA Inventory requirements for commercial purposes.
ACGIH American Conference of Governmental Industrial Hygienists.
IARC International Agency for Research on Cancer.
NTP National Toxicology Program.
OSHA Occupational Safety and Health Administration.
PNOR Particles not otherwise regulated.
PNOC Particles not otherwise classified.
STEL Short term exposure limit.
TWA Time-weighted average.

***** = Section 313 Supplier Notification: These chemicals are subject to the reporting requirements of Section 313 of the Emergency planning and Right-to-Know act of 1986 and of 40 CFR 372.
@ = Listed as a Clean Air Act Hazardous Air Pollutant.
# = EPCRA Section 302 - Extremely hazardous substances.

Notice:
The information on this Material Safety Data Sheet relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process.
Product Manager: Refinish Sales
Prepared by: Y. B. Yarbrough