

SECTION 1. Identification of the substance/preparation and of the company/undertaking				INGREDIENTS	CAS #	VAPOR PRESSURE	EXPOSURE LIMITS
Manufacturer: E.I. du Pont de Nemours & Co. DuPont Performance Coatings Wilmington, DE, 19898				Black iron oxide	1317-61-9	None	D 5.0 mg/m3 8 & 12 hour TWA Respirable Dust
Telephone: Product information: (800) 441-7515 Medical emergency: (800) 441-3637 Transportation emergency: (800) 424-9300 (CHEMTREC)				Butane	106-97-8	999.9	A 10.0 mg/m3 inhalable dust O 15.0 mg/m3
Product: Aerosols				Butyl acetate	123-86-4	10.0	A 200.0 ppm 15 min STEL A 150.0 ppm O 150.0 ppm
DOT Shipping Name: See DOT Addendum.				Butyl benzyl phthalate	85-68-7	0.0	D 5.0 mg/m3 8 & 12 hour TWA A None O None
Hazardous Materials Information: See Section 10.				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
Copyright 2007 E. I. duPont de Nemours and Company. All rights reserved. Copies may be made only for those using DuPont products.				Carbon dioxide	124-38-9	838.0@70.0°F	A 5000.0 ppm O 5000.0 ppm
SECTION 2. Composition/information on ingredients							
INGREDIENTS	CAS #	VAPOR PRESSURE	EXPOSURE LIMITS	INGREDIENTS	CAS #	VAPOR PRESSURE	EXPOSURE LIMITS
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	Cristobalite siO2	14464-46-1	None	A 25.0 ug/m3 Respirable Dust D 0.1 mg/m3 Respirable Dust O None
Acrylic polymer	NotAvail	None	A None O None	Cyclohexane	110-82-7	100.0@60.0°C	A 100.0 ppm O None
Acrylic resins, physically drying	NotAvail	None	A None O None	Cyclohexane, methyl-	108-87-2	None	A 400.0 ppm O 400.0 ppm
Adhesive aids	NotAvail	None	A None O None	Dimethyl ether	115-10-6	None	A 1000.0 ppm TWA O None
Aldekal 625	NotAvail	None	A None O None	Diocetyl phthalate	117-81-7	0.0	A 5.0 mg/m3 D 1.0 mg/m3 8 & 12 hour TWA O None
Alkyd resin	67922-67-2	None	A None O None	Epoxy acrylate resin	345910-11-4	<0.0	A None O None
Amorphous silica-fumed	68611-44-9	None	A 2.0 mg/m3 Respirable Dust D 1.0 mg/m3 Respirable Dust O None	Epoxy resin	25068-38-6	2.1	A None O None
Barium sulfate	7727-43-7	<0.0	A 10.0 mg/m3 Total Dust A 5.0 mg/m3 Respirable Dust O 15.0 mg/m3 Total Dust O 5.0 mg/m3 Respirable Dust D 10.0 mg/m3 Total Dust	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

INGREDIENTS	CAS #	VAPOR PRESSURE	EXPOSURE LIMITS	INGREDIENTS	CAS #	VAPOR PRESSURE	EXPOSURE LIMITS
Heptane	142-82-5	45.0@66.0°F	D 25.0 ppm 8 & 12 hour TWA A 500.0 ppm 15 min STEL A 400.0 ppm O 500.0 ppm	Methyl pyrrolidone	872-50-4	0.3	A 50.0 ppm O 100.0 ppm D 5.0 ppm 8 & 12 hour TWA Skin 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	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 TWA D 25.0 ppm
Isobornyl acrylate esters	5888-33-5	20.0@140.0°C	A None O None	N-hexane	110-54-3	180.0@25.0°C	A 50.0 ppm Skin O 500.0 ppm D 25.0 ppm 8 & 12 hour TWA Skin
Isopropyl acetate	108-21-4	None	A 200.0 ppm 15 min STEL A 100.0 ppm O 250.0 ppm	N-propanol	71-23-8	19.0	A 100.0 ppm O 250.0 ppm 15 min STEL O 200.0 ppm Skin D 200.0 ppm
Isopropyl alcohol	67-63-0	48.0	A 400.0 ppm 15 min STEL A 200.0 ppm O 400.0 ppm D 200.0 ppm 8 & 12 hour TWA	N-propyl acetate	109-60-4	None	A 250.0 ppm 15 min STEL A 200.0 ppm O 200.0 ppm
Kaolin	1332-58-7	None	A 2.0 mg/m3 Respirable Dust O 15.0 mg/m3 TWA Total Dust O 5.0 mg/m3 TWA Respirable Dust	Nitrocellulose	9004-70-0	None	A None O None
Liquified compressed gas	68476-85-7	120.3	A 1000.0 ppm O 1000.0 ppm	Phosphine oxide, phenylbis(2,4,6 - trimethyl benzoyl)-	162881-26-7	6.0@25.0°C	S 1.0 mg/m3 Skin A None O None
Medium mineral spirits	64742-88-7	0.3@68.0°F	D 50.0 ppm 8 & 12 hour TWA A None O None	Polyacrylic resin	155419-65-1	None	A None O None
Methyl amyl ketone	110-43-0	3.4	A 50.0 ppm O 100.0 ppm	Polyester resin	64296-27-1	None	A None O None
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	Polyvinyl butyral resin	68648-78-2	None	A None O None
Methyl isobutyl ketone	108-10-1	15.1	A 75.0 ppm 15 min STEL	Polyvinyl butyraldehyde	63148-65-2	None	A None O None
				Propane	74-98-6	109.7@70.0°F	A None O None
				Propionic acid, n-butyl ester	590-01-2	3.4@25.0°C	D 100.0 ppm 8 & 12 hour TWA A None O None
				Propylene glycol monomethyl ether acetate	108-65-6	3.8	D 10.0 ppm 8 & 12 hour TWA

INGREDIENTS	CAS #	VAPOR PRESSURE	EXPOSURE LIMITS	
Titanium dioxide	13463-67-7	None	A None O 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	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. INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING AND INHALING THE CONTENTS MAY BE HARMFUL OR FATAL.
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	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.
Unsaturated urethane acrylate resin	Not Avail	None	A None O None	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.
Vm&p naphtha	8032-32-4	17.9@68.0°F	A 300.0 ppm D 100.0 ppm O None	Butane Increased susceptibility to the effects of this material may be observed in people with preexisting disease of any of the following: cardiovascular system. Eye contact may cause any of the following: swelling, reversible eye injury. This gas is a simple asphyxiant, which at high concentrations can reduce the amount of oxygen available for breathing.
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	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.
Zinc oxide	1314-13-2	None	A 10.0 mg/m3 15 min STEL Respirable Dust A 2.0 mg/m3 Respirable Dust O 15.0 mg/m3 Total Dust O 5.0 mg/m3 Respirable Dust	Butyl benzyl phthalate WARNING: This chemical is known to the State of California to cause birth defects or other reproductive harm.
Zinc phosphate	7779-90-0	None	O 5.0 mg/m3 Respirable Dust A None	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.
				Cristobalite siO2 Is an IARC, NTP or OSHA carcinogen. Repeated overexposure to crystalline silica may lead to x-ray changes and chronic lung disease. WARNING: This chemical is known to the State of California to cause cancer.

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

SECTION 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

Diocetyl phthalate

Cancer hazard based on tests with laboratory animals. Overexposure may create cancer risk Tests in animals demonstrate reproductive toxicity. WARNING: This chemical is known to the State of California to cause cancer and birth defects or other reproductive harm

Epoxy acrylate resin

Eye contact may cause any of the following: irritation, redness, swelling, tearing.

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 skin rash.

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.

Heptane

Increased susceptibility to the effects of this material may be observed in people with preexisting disease of any of the following: central nervous system, respiratory system, skin. May cause central nervous system effects such as dizziness, headache, nausea, and loss of consciousness. 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. Aspiration may occur during swallowing or vomiting, resulting in lung damage.

Isopropyl acetate

Individuals with preexisting lung disease, asthma or breathing difficulties may have increased susceptibility to the toxicity of excessive exposures.

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.

Kaolin

The following medical conditions may be aggravated by exposure: asthma, dermatitis. Repeated or prolonged inhalation may cause any of the following: lung injury.

Liquified compressed gas

May possibly cause modest initial irritation, followed in hours by severe shortness of breath, requiring prompt medical attention. May cause central nervous system effects such as temporary muscular weakness and loss of coordination. Contact may cause skin burns. Can irritate or burn eyes.

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.

Methyl isobutyl ketone

The following medical conditions may be aggravated by exposure: asthma, respiratory disease, eye disorders, pulmonary conditions, skin disorders. Repeated or prolonged skin contact may cause any of the following: dryness, cracking of the skin, defatting. Inhalation may cause any of the following: dizziness, stupor (central nervous system depression), drowsiness, respiratory tract irritation.

Methyl pyrrolidone

The following medical conditions may be aggravated by exposure: skin disorders. Tests in some laboratory animals indicate this compound may have embryotoxic activity. Tests in laboratory animals have shown effects on any of the following organs/systems: kidneys, liver. WARNING: This chemical is known to the State of California to cause birth defects or other reproductive harm.

N-butyl alcohol

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

N-hexane

May cause abnormal kidney function. Can be absorbed through the skin in harmful amounts. N-hexane can produce peripheral polyneuropathy, a progressive disorder of the nervous system, such as muscular weakness and a loss of feeling in the extremities. With repeated high exposure, effects may become irreversible. Harmful if inhaled. Harmful or fatal if swallowed.

N-propanol

Has shown mutagenic activity in laboratory cell culture tests. Has shown carcinogenic activity in laboratory animals at high doses. Significance to man is unknown. May cause abnormal liver function. Can be absorbed through the skin in harmful amounts.

Nitrocellulose

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

Polyvinyl butyral resin

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.

Propane

Skin or eye contact with cold gas, or liquid or solid material may cause severe frostbite. This gas is a simple asphyxiant, which at high concentrations can reduce the amount of oxygen available for breathing.

Propylene glycol monomethyl ether acetate

Recurrent overexposure may result in liver and kidney injury.

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.'

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.

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.

SECTION 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.

SECTION 5. Fire-fighting measures

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

Flammable Limits: LFL 0.5 % UFL 18.6 %

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.

SECTION 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 CO₂ 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.

SECTION 7. Handling and storage

Precautions to be taken in handling and storing:

Observe label precautions. If combustible (flashpoint between 100 - 200 deg F), keep away from heat, sparks and flame. If flammable (flashpoint less than 100 deg F), also keep away from static discharges and other sources of ignition. If material is extremely flammable (flashpoint less than 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 120 deg F. If product is waterbased, do not freeze.

CONTENTS UNDER PRESSURE. Clean nozzle and cap container after each use. Do not puncture or incinerate (burn) container. Exposure to heat or prolonged exposure to sun may cause bursting.

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.

SECTION 8. Exposure controls / personal protection

Engineering controls and work practices:

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 protection:

Neoprene gloves and coveralls are recommended.

Eye protection:

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

SECTION 9. Physical and chemical properties

Evaporation rate	Slower than Ether
Water solubility	NIL
Vapour density	Heavier than air
Approx. Boiling Range (°C)	-42 - 210 °C
Approx. Freezing Range (°C)	-189.7 - -93.8 °C
Gallon Weight (lbs/gal)	5.65 - 8.23
Specific Gravity	0.68 - 0.99
Percent Volatile By Volume	75.82 - 100.00
Percent Volatile By Weight	57.01 - 100.00
Percent Solids By Volume	0.00 - 24.18
Percent Solids By Weight	0.00 - 42.99

SECTION 10. Stability and reactivity**Stability:**

Stable

Incompatibility (materials to avoid):

None reasonably foreseeable

Hazardous decomposition products:

CO, CO₂, 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 100 deg F) and combustibles (flashpoint between 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.

SECTION 11. Additional Information

A-19301STM Acrylic polymer, Ethylbenzene(3.5%*), Isopropyl alcohol, Liquefied compressed gas, Methyl ethyl ketone, Methyl isobutyl ketone(15%*), Propylene glycol monomethyl ether acetate, Toluene(14%*), Xylene(14%*)
GAL WT: 7.05 WT PCT SOLIDS: 5.69 VOL PCT SOLIDS: 4.37

SOLVENT DENSITY: 6.95 VOC LE: 6.6 VOC AP: 6.6
FLASH POINT: Below 20° F H: 2 F: 3 R: 1 OSHA STORAGE: IB
TSCA STATUS: In Compliance PHOTO-CHEMICALLY REACTIVE: YES

A-2320STM Isopropyl alcohol, Liquefied compressed gas, Methyl amyl ketone, Vm&p naphtha
GAL WT: 5.83 WT PCT SOLIDS: 0.00 VOL PCT SOLIDS: 0.00
SOLVENT DENSITY: 5.83 VOC LE: 5.8 VOC AP: 5.8
FLASH POINT: Below 20° F H: 2 F: 3 R: 0 OSHA STORAGE: IA
TSCA STATUS: In Compliance PHOTO-CHEMICALLY REACTIVE: NO

A-2330STM Alkyd resin, Cyclohexane(2%*), Ethyl acetate, Ethylbenzene(1.2%*), Liquefied compressed gas, Methyl ethyl ketone, Methyl pyrrolidone(1%*), Titanium dioxide(1.0%), Toluene(6%*), Xylene(5%*)
GAL WT: 6.25 WT PCT SOLIDS: 6.89 VOL PCT SOLIDS: 3.82
SOLVENT DENSITY: 6.05 VOC LE: 5.8 VOC AP: 5.8
FLASH POINT: Below 20° F H: 2 F: 3 R: 0 OSHA STORAGE: IA
TSCA STATUS: In Compliance PHOTO-CHEMICALLY REACTIVE: NO

A-300STM Acetone, Dimethyl ether, Isopropyl acetate
GAL WT: 6.20 WT PCT SOLIDS: 0.00 VOL PCT SOLIDS: 0.00
SOLVENT DENSITY: 6.20 VOC LE: 6.1 VOC AP: 4.9
FLASH POINT: Below 20° F H: 2 F: 3 R: 1 OSHA STORAGE: IA
TSCA STATUS: In Compliance PHOTO-CHEMICALLY REACTIVE: NO

A-3130STM Acetone, Adhesive aids, Barium sulfate, Dimethyl ether, Epoxy acrylate resin, Hydrous magnesium silicate, Isobornyl acrylate esters, N-propyl acetate, Phosphine oxide, phenylbis(2,4,6 - trimethyl benzoyl)-, Titanium dioxide(0.2%), Unsaturated urethane acrylate resin, Zinc oxide(1%), Zinc phosphate(4%*)
GAL WT: 8.18 WT PCT SOLIDS: 42.99 VOL PCT SOLIDS: 24.18
SOLVENT DENSITY: 6.15 VOC LE: 4.2 VOC AP: 3.4
FLASH POINT: Below 20° F H: 2 F: 3 R: 1 OSHA STORAGE: IA
TSCA STATUS: In Compliance PHOTO-CHEMICALLY REACTIVE: NO

A-3970STM Carbon dioxide, Cyclohexane, methyl-, Heptane, Medium mineral spirits, N-hexane(2%*), Toluene(10%*), Vm&p naphtha
GAL WT: 7.27 WT PCT SOLIDS: 0.00 VOL PCT SOLIDS: 0.00
SOLVENT DENSITY: 7.27 VOC LE: 7.3 VOC AP: 7.3
FLASH POINT: Below 20° F H: 2 F: 3 R: 0 OSHA STORAGE: IB
TSCA STATUS: In Compliance PHOTO-CHEMICALLY REACTIVE: NO

A-3990STM Carbon dioxide, Ethylbenzene(0.2%*), Heptane, Medium mineral spirits, Toluene(11%*), Vm&p naphtha
GAL WT: 7.53 WT PCT SOLIDS: 0.00 VOL PCT SOLIDS: 0.00
SOLVENT DENSITY: 7.53 VOC LE: 7.5 VOC AP: 7.5
FLASH POINT: Below 20° F H: 2 F: 3 R: 0 OSHA STORAGE: IB
TSCA STATUS: In Compliance PHOTO-CHEMICALLY REACTIVE: NO

A-4114STM Acetone, Butyl acetate, Epoxy resin, Ethylbenzene(0.6%*), Hydrous magnesium silicate, Liquefied compressed gas, N-butyl alcohol(12%), Polyvinyl butyraldehyde, Propylene glycol monomethyl ether acetate, Titanium dioxide(4.1%), Xylene(3%*), Zinc phosphate(2%*)
GAL WT: 6.62 WT PCT SOLIDS: 14.32 VOL PCT SOLIDS: 5.49
SOLVENT DENSITY: 6.00 VOC LE: 5.1 VOC AP: 3.3
FLASH POINT: Below 20° F H: 2 F: 3 R: 0 OSHA STORAGE: IB
TSCA STATUS: In Compliance PHOTO-CHEMICALLY REACTIVE: NO

A-4115STM Acetone, Butyl acetate, Carbon black(0.1%), Epoxy resin, Ethylbenzene(0.6%*), Hydrous magnesium silicate, Liquefied compressed gas, N-butyl alcohol(13%), Polyvinyl butyraldehyde, Propylene glycol monomethyl ether acetate, Titanium dioxide(3.7%), Xylene(3%*), Zinc phosphate(2%*)
GAL WT: 6.63 WT PCT SOLIDS: 14.41 VOL PCT SOLIDS: 5.51
SOLVENT DENSITY: 6.01 VOC LE: 5.2 VOC AP: 3.4
FLASH POINT: Below 20° F H: 2 F: 3 R: 0 OSHA STORAGE: IB
TSCA STATUS: In Compliance PHOTO-CHEMICALLY REACTIVE: NO

A-4119S™ Acetone, Amorphous silica-fumed, Barium sulfate, Black iron oxide, Butane, Butyl acetate, Carbon black(0.1%), Epoxy resin, Ethylbenzene(0.2%*), Hydrous magnesium silicate, Liquefied compressed gas, N-butyl alcohol(10%*), N-propanol, Polyvinyl butyral resin, Propylene glycol monomethyl ether acetate
GAL WT: 6.90 WT PCT SOLIDS: 19.45 VOL PCT SOLIDS: 7.40
SOLVENT DENSITY: 6.01 VOC LE: 5.0 VOC AP: 3.3
FLASH POINT: Below 20° F H: 2 F: 3 R: 1 OSHA STORAGE: IA
TSCA STATUS: In Compliance PHOTO-CHEMICALLY REACTIVE: NO

A-4120S™ Acetone, Amorphous silica-fumed, Butyl acetate, Epoxy resin, Ethylbenzene(0.8%*), Hydrous magnesium silicate, Isopropyl alcohol, Liquefied compressed gas, N-butyl alcohol(7%*), Polyvinyl butyraldehyde, Propylene glycol monomethyl ether acetate, Titanium dioxide(5.2%), Xylene(4%*), Zinc phosphate(2%*)
GAL WT: 6.82 WT PCT SOLIDS: 18.33 VOL PCT SOLIDS: 7.23
SOLVENT DENSITY: 6.00 VOC LE: 5.1 VOC AP: 3.6
FLASH POINT: Below 20° F H: 2 F: 3 R: 0 OSHA STORAGE: IA
TSCA STATUS: In Compliance PHOTO-CHEMICALLY REACTIVE: NO

A-4140S™ Acetone, Butyl acetate, Epoxy resin, Ethylbenzene(0.6%*), Hydrous magnesium silicate, Liquefied compressed gas, N-butyl alcohol(12%*), Polyvinyl butyraldehyde, Propylene glycol monomethyl ether acetate, Titanium dioxide(4.1%), Xylene(3%*), Zinc phosphate(2%*)
GAL WT: 6.62 WT PCT SOLIDS: 14.32 VOL PCT SOLIDS: 5.49
SOLVENT DENSITY: 6.00 VOC LE: 5.1 VOC AP: 3.3
FLASH POINT: Below 20° F H: 2 F: 3 R: 0 OSHA STORAGE: IB
TSCA STATUS: In Compliance PHOTO-CHEMICALLY REACTIVE: NO

A-4160S™ Acetone, Amorphous silica-fumed, Butyl acetate, Carbon black(0.6%), Epoxy resin, Ethylbenzene(0.7%*), Hydrous magnesium silicate, Isopropyl alcohol, Liquefied compressed gas, N-butyl alcohol(6%*), Polyvinyl butyraldehyde, Propylene glycol monomethyl ether acetate, Titanium dioxide(3.5%), Xylene(4%*), Zinc phosphate(2%*)
GAL WT: 6.70 WT PCT SOLIDS: 15.91 VOL PCT SOLIDS: 6.43
SOLVENT DENSITY: 6.02 VOC LE: 5.1 VOC AP: 3.4
FLASH POINT: Below 20° F H: 2 F: 3 R: 0 OSHA STORAGE: IA
TSCA STATUS: In Compliance PHOTO-CHEMICALLY REACTIVE: NO

A-4220S™ Acetone, Barium sulfate, Butane, Butyl acetate, Cristobalite siO₂(0.3%), Hydrous magnesium silicate, Kaolin, N-butyl alcohol(3%*), Nitrocellulose, Polyacrylic resin, Propane, Propylene glycol monomethyl ether acetate, Titanium dioxide(4.9%), Zinc phosphate(2%*)
GAL WT: 8.23 WT PCT SOLIDS: 24.00 VOL PCT SOLIDS: 10.58
SOLVENT DENSITY: 6.98 VOC LE: 5.1 VOC AP: 3.6
FLASH POINT: Below 20° F H: 2 F: 3 R: 0 OSHA STORAGE: IA
TSCA STATUS: In Compliance PHOTO-CHEMICALLY REACTIVE: NO

A-4240S™ Acetone, Barium sulfate, Butane, Butyl acetate, Cristobalite siO₂(0.3%), Hydrous magnesium silicate, Kaolin, N-butyl alcohol(3%*), Nitrocellulose, Polyacrylic resin, Propane, Propylene glycol monomethyl ether acetate, Titanium dioxide(3.3%), Zinc phosphate(2%*)
GAL WT: 8.22 WT PCT SOLIDS: 24.34 VOL PCT SOLIDS: 11.08
SOLVENT DENSITY: 6.98 VOC LE: 5.0 VOC AP: 3.6
FLASH POINT: Below 20° F H: 2 F: 3 R: 0 OSHA STORAGE: IA
TSCA STATUS: In Compliance PHOTO-CHEMICALLY REACTIVE: NO

A-4260S™ Acetone, Barium sulfate, Butane, Butyl acetate, Carbon black(0.4%), Cristobalite siO₂(0.2%), Hydrous magnesium silicate, Kaolin, N-butyl alcohol(2%*), Nitrocellulose, Polyacrylic resin, Propane, Propylene glycol monomethyl ether acetate, Titanium dioxide(2.1%), Zinc phosphate(1%*)
GAL WT: 7.68 WT PCT SOLIDS: 15.31 VOL PCT SOLIDS: 6.63
SOLVENT DENSITY: 6.96 VOC LE: 5.0 VOC AP: 3.3
FLASH POINT: Below 20° F H: 2 F: 3 R: 0 OSHA STORAGE: IA
TSCA STATUS: In Compliance PHOTO-CHEMICALLY REACTIVE: NO

A-5099S™ Acetone, Carbon black(0.5%), Dioctyl phthalate(3%*),

Ethylbenzene(0.8%*), Isopropyl alcohol, Liquefied compressed gas, Methyl ethyl ketone, Methyl isobutyl ketone(7%*), Nitrocellulose, Polyester resin, Propylene glycol monomethyl ether acetate, Toluene(8%*), Xylene(3%*)
GAL WT: 6.59 WT PCT SOLIDS: 14.08 VOL PCT SOLIDS: 8.55
SOLVENT DENSITY: 6.19 VOC LE: 5.2 VOC AP: 3.4
FLASH POINT: Below 20° F H: 2 F: 3 R: 2 OSHA STORAGE: IB
TSCA STATUS: In Compliance PHOTO-CHEMICALLY REACTIVE: YES

A-7160S™ Acetone, Butyl acetate, Ethylbenzene(0.5%*), Heptane, Isopropyl alcohol, Liquefied compressed gas, Methyl ethyl ketone, Propionic acid, n-butyl ester, Toluene(6%*), Xylene(2%*)
GAL WT: 5.65 WT PCT SOLIDS: 0.07 VOL PCT SOLIDS: 0.04
SOLVENT DENSITY: 5.65 VOC LE: 5.3 VOC AP: 3.9
FLASH POINT: Below 20° F H: 2 F: 3 R: 0 OSHA STORAGE: IB
TSCA STATUS: In Compliance PHOTO-CHEMICALLY REACTIVE: NO

A-7480S™ Acetone, Acrylic resins, physically drying, Aldekal 625, Butane, Butyl benzyl phthalate, Ethylbenzene(1.4 - 2.8%*), Isopropyl alcohol, Liquefied compressed gas, N-butyl alcohol(7%*), Propylene glycol monomethyl ether acetate, Toluene(13 - 13%*), Xylene(7 - 8%*)
GAL WT: 6.12 WT PCT SOLIDS: 14.93 VOL PCT SOLIDS: 9.93
SOLVENT DENSITY: 5.81 VOC LE: 5.0 VOC AP: 4.2
FLASH POINT: Below 20° F H: 2 F: 3 R: 0 OSHA STORAGE: IA
TSCA STATUS: In Compliance PHOTO-CHEMICALLY REACTIVE: YES

A-7481S™ Acetone, Acrylic resins, physically drying, Aldekal 625, Butane, Butyl acetate, Ethylbenzene(2.3%*), Isopropyl alcohol, N-propanol, Propane, Propylene glycol monomethyl ether acetate, Toluene(3%*), Xylene(7%*)
GAL WT: 7.42 WT PCT SOLIDS: 14.91 VOL PCT SOLIDS: 11.97
SOLVENT DENSITY: 7.22 VOC LE: 5.1 VOC AP: 4.8
FLASH POINT: Below 20° F H: 2 F: 3 R: 0 OSHA STORAGE: IA
TSCA STATUS: In Compliance PHOTO-CHEMICALLY REACTIVE: NO

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.

TM = Is a Trademark of E.I. DuPont de Nemours Co.

* = 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