

**MATERIAL SAFETY DATA SHEET
AVIAN BLACK S PART 1**

REVISION 2
PREPARED 05/21/2008

SECTION I COMPANY AND PRODUCT IDENTIFICATION

Product Name: AVIAN BLACK S PART 1
 Trade Name: Water Base Black Universal Tint, Water Dispersible CARC Urethane, Avian Black S-Component A, Water Borne Polyurethane
 Product Code: WU2K-501
 DOT Shipping Name: Non-Hazardous Water Base Paint
 DOT Hazard Class: Not Regulated
 Manufactured By: Spectrum Coatings Laboratories, Inc., 217 Chapman Street, Providence, RI 02905; 401-781-4847 (P); 401-781-1075(F)
 Web: spectrumcoatings.us E-mail: paintman97@aol.com
 Sold and Supported By: Avian Technologies LLC, PO Box 716, Sunapee NH 03782
 Emergency Phone Numbers: Chemtrec 1-800-424-9300
 Daytime Information: 401-781-4847 (8:00 am to 4:30 pm EST)
 Hazard Rating
 Health 1
 Flammability 1
 Reactivity 0

SECTION 2 HAZARDOUS INGREDIENT INFORMATION

Chemical Name CAS No	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
Water 7732-18-5 42.57 to 47.05% Vapor Pressure:			
Inorganic Metal Oxide 1317-61-9 17.84 to 19.72% Vapor Pressure:	PEL 15 mg/m3-TWA (Nuisance dust)	TLV 10mg/m3-TWA (Nuisance dust)	
Polymeric condensate of urea & formaldehyde 9011-05-6 7.62 to 8.42% Vapor Pressure:	None established	None established	PEL 15 mg/m3-TWA (total dust) PEL 5 mg/m3-TWA (respirable dust)
n-Methyl-2-Pyrrolidone 872-50-4 3.60 to 3.98% Vapor Pressure: 0.29 mmHg@68 F	None Established	None Established	PEL 25 ppm-TLV
Polyurethane Polymeric Bead 9017-09-8 4.06 to 4.49% Vapor Pressure:	Not established	Not Established	PEL 15 mg/m3-TWA (total dust) PEL 5 mg/m3-TWA (respirable dust)

SECTION 3 HAZARDS IDENTIFICATION

Primary Routes of Entry: Inhalation, Skin Contact, Eye Contact, Ingestion
 Target Organs: Reproductive System, Skin

Effects of Overexposure, MIL-DTL-64159 TY-II Black 383 CARC

Eye Contact	Causes eye burns. May cause 'blue haze' or 'halo vision'. May cause chemical conjunctivitis and corneal damage. Can cause eye irritation. Symptoms include stinging, tearing, redness, and swelling of eyes.
Skin Contact	Harmful if absorbed through the skin. Causes skin burns. May cause skin rash and cold and clammy skin with cyanosis or pale color. May cause mild skin irritation. Prolonged or repeated contact may dry the skin. Symptoms may include redness, burning, drying and cracking of skin, and skin burns. Passage of this material into the body through the skin is possible, but it is unlikely that this would result in harmful effects during safe handling and use.
Ingestion	Harmful if swallowed. May cause severe and permanent damage to the digestive tract. Causes gastrointestinal tract burns. May cause perforation of the digestive tract. May cause systemic effects. Swallowing small amounts of this material during normal handling is not likely to cause harmful effects. Swallowing large amounts may be harmful. This material can get into the lungs during swallowing or vomiting. This results in lung inflammation and other lung injury.
Inhalation	Irritation may lead to chemical pneumonitis and pulmonary edema. Causes chemical burns to the respiratory tract. Aspiration may lead to pulmonary edema. May cause systemic effects. Breathing of vapor or mist is possible. Breathing small amounts of this material during normal handling is not likely to cause harmful effects. Breathing large amount may be harmful. Symptoms usually occur at air concentrations higher than the recommended exposure limits.
Symptoms of	Signs and symptoms of exposure to this material through breathing, swallowing, and/or passage of the material through the skin may include: mouth and throat irritation, stomach or intestinal upset, irritation of the nose, throat and airways, central nervous system depression, high blood sugar, coma.
Target Organs	This material shortens the time of onset or worsens the liver and kidney damage induced by other chemicals. Overexposure to this material has been suggested as a cause of the following effects in laboratory animals: mild, reversible liver effects, mild, reversible kidney effects, blood abnormalities.
Target Organ Effects	This material shortens the time of onset or worsens the liver and kidney damage induced by other chemicals. Overexposure to this material has been suggested as a cause of the following effects in laboratory animals, mild, reversible liver effects, mild, reversible kidney effects, blood abnormalities.
Cancer information	Based on the available information, this material cannot be classified with regard to carcinogenicity. The material is NOT listed as a carcinogen by the National Agency for Research on Cancer, the National Toxicology Program, or the Occupational Safety and Health Administration.
Developmental Info	This material (or a component) may be harmful to the human fetus based on positive test results with laboratory animals. Case studies show that prolonged intentional abuse of this product during pregnancy can cause birth defects in humans.
Developmental	This material (or a component) may be harmful to the human fetus based on positive test results with laboratory animals. Case studies show that prolonged intentional abuse of this product during pregnancy can cause birth defects in humans.
Carcinogenicity:	The following chemicals comprise 0.1% or more of this mixture and are listed and/or classified as carcinogens or potential carcinogens by NTP, IARC, OSHA (mandatory listing), or ACGIH (optional listing).

NONE

SECTION 4 EMERGENCY FIRST AID MEASURES

Inhalation	If symptoms develop, move individual away from exposure and into fresh air. If symptoms persist, seek medical attention. If breathing is difficult, administer oxygen. Keep person warm and quiet; seek immediate medical attention.
Eye Contact	If symptoms develop, move individual away from exposure and into fresh air. Flush eyes gently with water while holding eyelids apart. If symptoms persist or if there is any visual difficulty, seek immediate medical attention.
Skin Contact	Remove contaminated clothing. Wash exposed areas with soap and water. If symptoms persist, seek medical attention. Launder clothing before reuse.
Ingestion	Seek medical attention. If individual is drowsy or unconscious, do not give anything by mouth; place individual on the left side with the head down. Contact a physician, medical facility, or poison control center for advice about whether to induce vomiting. If possible, do not leave individual unattended.
Note to Physician	Preexisting disorders of the following organs (or organ systems) may be aggravated by exposure to the material: lung (i.e. asthma-like conditions), skin (redness or rash-like symptoms, irritation).

SECTION 5 FIRE FIGHTING MEASURES

Flash Point	93C (200 F)
Auto Ignition	Will Not Occur
LEL	1.3%
UEL	9.5%
Extinguishing Media	Use water, foam, CO2, or dry chemical fire fighting apparatus
Unusual Fire and Explosion Hazards	This water based solution is non-flammable, however, in a fire situation vapors that are heavier than air may travel along the ground or be moved by ventilation and ignited by heat, pilot lights, other flames, or other ignition sources at locations distant from material handling area. Never use welding or cutting torch on or near containers even when empty, as product and/or product residue can ignite explosively.
Hazardous Products of Combustion	May form oxides of carbon and nitrogen.
Special Fire Fighting Procedures	Treat all fires as chemical in nature. The use of water may not be suitable as an extinguishing media, but will be helpful in keeping adjacent containers cool. Avoid spreading burning liquid with water used for cooling purposes.
Fire Fighting Equipment	Firemen and emergency responders: wear full turnout gear or Level A equipment, including positive-pressure, self-contained breathing apparatus (SCBA), and chemical resistant personal protective equipment. Refer to the personal protective equipment section of this MSDS.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Spill and Leak Procedures	Spill supervisor—Ensure cleanup personnel wear all appropriate personal protective equipment (PPE) including respiratory protection. Remove all ignition sources. Keep non-essential personnel away from the contaminated area.
Small Spills	Ventilate area and keep sources of ignition and hot metal surfaces isolated from the spill. Absorb liquid using vermiculite, sawdust, speedy-dry, or other suitable floor absorbent material. Use only non-sparking tools to collect and transfer to a suitable container for disposal in accordance with local and federal regulations.
Large Spills	Eliminate all ignition sources and ventilate area. Persons not wearing protective equipment should be excluded from area of spill until clean up has been completed. Stop spill at source and prevent material from entering drains, sewers, streams or other bodies of water. Dike spill area with suitable absorbent material or chemical booms to limit spreading. If run-off occurs, notify authorities as required. Pump or vacuum transfer spilled product to clean containers for recovery. Absorb unrecoverable product and

transfer contaminated absorbent, soil and other material to containers for disposal in accordance with local, state, and federal regulations. Note: Use only non-sparking equipment to clean up spills.

SECTION 7 HANDLING AND STORAGE CONDITIONS

Handling

Precautions Wear all appropriate personal protective equipment (PPE). Wear respiratory protection or ensure adequate ventilation at all times as vapors can accumulate in confined or poorly ventilated areas. Use the product in a manner that minimizes splashes and/or the creation of dust. Keep containers dry and closed when not in use. Do not handle or store material near heat, sparks, open flames or other sources of ignition. Sufficiently ground container when transferring material from one container to another.

Emergency eye wash stations and safety showers should be available in the immediate vicinity of potential exposure. Sudden release of hot organic vapors or mists from process equipment operating at elevated temperatures and pressures, or sudden ingress of air into vacuum equipment may result in ignitions without the presence of obvious ignition sources. Any use of this product in elevated temperature, pressurized, or vacuum process should be thoroughly evaluated to establish and maintain safe operating conditions.

Storage

Requirements Store this material in tightly sealed original contains only in a segregated area with adequate ventilation to prevent a build-up of fumes that could pose a safety hazard with regard to personal exposure and fire. Keep all sources of ignition away from storage area and store material at temperatures between 50 to 80 degrees F.

SECTION 8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

Engineering

Controls Ensure that any processing ovens are vented to prevent the introduction of fumes into the workplace and to prevent a build up of fume within the oven. Use only explosion proof equipment and ground containers and transfer equipment. Use only chemically resistant transfer equipment and measuring containers.

Recommended Ventilation

General mechanical ventilation may be sufficient to keep product vapor concentrations within specified time-weighted averages. If general ventilation proves inadequate to maintain safe vapor concentrations, supplemental local exhaust may be required.

Eye Protection The use of safety glasses, chemical goggles, and/or face shields is recommended to safeguard against potential eye contact, irritation, or injury. The availability of eye wash stations when using this products is highly recommended.

Skin Protection The use of chemical resistant gloves is recommended to prevent repeated or prolonged contact with the skin. Wear impervious clothing and boots. The use of chemical aprons is advised when working with and/or transferring these materials. The availability of safety showers in work areas is recommended.

Respiratory Protection

If workplace exposure limits of product or any component are exceeded, the use of a NIOSH/MSHA respirator will be necessary. In general the use of an organic vapor cartridge with a dust/mist pre-filter is advised.

Contaminated Equipment

Dispose of the waste in compliance with all federal, state, regional, and local regulations.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

This mixture typically exhibits the following properties under normal circumstances.

Appearance	Viscous liquid either colored or milky depending on product.
Odor	Strong solvent/ammonia type odor
Physical State	Liquid
Vapor Density	Heavier than air

Evaporation Rate	Slower than ether
Boiling range	77 to 100 C
% Volume Volatile	63.00
Specific Gravity	1.249
Formula Lb/Gal	10.43
Lbs VOC/Gallon Less	
Water	1.09

SECTION 10 REACTIVITY DATA

Components of this mixture may be incompatible with various materials and will fume certain combustion products. It is recommended that only Spectrum's authorized materials are combined with Spectrum's finished products.

The following incompatibilities may exist with components of this product,

- Non-reactive material
- Acids, strong oxidizing agents.

Thermal decomposition in the presence of air may yield the following

- May form: aldehydes, carbon dioxide and carbon monoxide, ketones, organic acids
- Oxides of carbon such as carbon dioxide and carbon monoxide

SECTION 11 TOXICOLOGICAL INFORMATION

Water

- LC 50: No data found
- LD 50: No data found

Inorganic Metal Oxide

- LC 50: No data found
- LD 50: No data found

Polymeric Condensate of Urea and Formaldehyde

- LC 50: No data found
- LD 50: No data found

Polyurethane Polymeric Bead

- LC 50: No data found
- LD 50: No data found

n-Methyl-2-Pyrrolidone

- LC 50: No data found
- LD 50: No data found

MIL-DTL-64159 TY-II BLACK 383 CARC

SECTION 12 ECOLOGICAL INFORMATION

NONE NOTED

SECTION 13 WASTE DISPOSAL CONSIDERATIONS

As the US EPA, state, regional, and other regulatory agencies may have jurisdiction over the disposal of your facility's hazardous waste, it is incumbent upon you, the hazardous waste generator, to learn of and satisfy all the requirements that affect you. Dispose of the hazardous waste at a properly licensed and permitted disposal site or facility. Ensure conformity to all applicable hazardous waste disposal regulations.

The US EPA Hazardous Waste Numbers that follow are applicable to this unadulterated product if the product enters the waste stream. Refer to Title 40 of the Code of Federal Regulations, Part 261 (40 CFR 261). This part of the Code identifies solid wastes which are subject to regulation under various sections of the Code and which are subject to the notification requirements of Section 3010 of the Resource Conservation and Recovery Act (RCRA).

No data found

SECTION 14 TRANSPORTATION INFORMATION

This material is classified for transport as follows:

Agency	DOT
Proper Shipping Name	Non-Hazardous Water Based Paint
UN Number	N/A
Packing Group	N/A
Hazard Class	N/A

SECTION 15 REGULATORY INFORMATION

Other regulatory information is listed where applicable.

Toxic Substances Control Act (TSCA): All chemicals except those listed below appear in the Toxic Substances Control Act Chemical Substances Inventory

NONE

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA).

This product contains a chemical or chemicals that are subject to the reporting requirements of the Act, and Title 40 of the Code of Federal Regulations Part 372.

4420-74-0	Gamma-Mercaptopropyltrimethoxysilane
121-44-8	Triethylamine
872-50-4	NMP

SECTION 16 OTHER INFORMATION

Non-Warranty. The information presented in this publication is based upon the research and experience of Spectrum Coatings and its suppliers. No representation or warranty is made concerning the accuracy or completeness of the information presented in this publication. Spectrum Coatings makes no warranty or representation of any kind, express or implied, including without limitation any warranty of merchantability or fitness for any particular purpose, and no warranty or representation shall be implied by law or otherwise. Any products sold by Spectrum Coatings are not warranted as suitable for any particular purpose to the buyer. The suitability of any products for any purpose particular to the buyer is for the buyer to determine. Spectrum Coatings shall in no event be liable for any special, incidental, or consequential damages.

MATERIAL SAFETY DATA SHEET
AVIAN BLACK-PART B
AVIAN WATER BASE URETHANE CATALYST

REVISION 2
PREPARED 04/10/2008

SECTION 1 COMPANY AND PRODUCT IDENTIFICATION

Product Name: Avian Water Base Urethane Catalyst
Product Code: WU2K-BX700-75
Manufactured By: Spectrum Coatings Laboratories, Inc., 217 Chapman Street,
Providence, RI 02905; 401-781-4847 (P); 401-781-1075(F)
Web: spectrumcoatings.us E-mail: paintman97@aol.com
Sold and Supported By: Avian Technologies LLC, PO Box 716, Sunapee NH 03782
Emergency Phone Numbers: Chemtrec 1-800-424-9300
Daytime Information: 401-781-4847 (8:00 am to 4:30 pm EST)

SECTION 2 HAZARDOUS INGREDIENT INFORMATION

Chemical Name/CAS #	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
Oxoheptyl Acetate	None Established		
90438-79-2	50PPM-TWA		
23.75 to 26.25%	Recommended		
Vapor Pressure: 0.8 mmHg@68 F			
Hexamethylene Diisocyanate (HDI)	Not Established	PEL 0.005ppm-TWA PEL 0.034mg/m3-TWA	PEL0.02ppm-Ceiling
822-06-0			
0.150%			

SECTION 3 HAZARDS IDENTIFICATION

HMIS Rating:

Health 2 Flammability 2 Reactivity 0

Primary Routes of Entry: Inhalation, Skin Contact, Eye Contact, Ingestion

Target Organs: Kidneys, Liver, Lungs, Nervous System, Skin

Effects of Overexposure :

Eye contact Can cause eye irritation. Symptoms include stinging, tearing, redness, and swelling of eyes.
Skin Contact May cause mild skin irritation. Prolonged or repeated contact may dry the skin. Symptoms may include redness, burning, drying, and cracking of skin and skin burns. Passage of this material into the body through the skin is possible, but it is unlikely that this would result in harmful effects during safe handling and use.
Ingestion Swallowing small amounts of this material during normal handling is not likely to cause harmful effects. Swallowing large amounts may be harmful. This material can get into the lungs during swallowing or vomiting. This results in lung inflammation and other lung injury.
Inhalation Breathing of vapor or mist is possible. Breathing small amounts of this material during normal handling is not likely to cause harmful effects. Breathing large amounts may be harmful. Symptoms usually occur at air concentrations higher than the recommended exposure limits.
Symptoms of Signs and symptoms of exposure to this material through breathing, swallowing, and/or passage of the material through the skin may include: mouth and throat irritation, stomach or intestinal upset, irritation of the nose, throat and airways, central nervous system depression, high blood sugar, coma.

Target Organ Effects None available at this time.

Cancer Information Based on the available information, this material cannot be classified with regard to carcinogenicity. This material is NOT listed as a carcinogen by the International Agency for Research on Cancer, the National Toxicology Program, or the Occupational Safety and Health Administration.

Carcinogenicity: The following chemicals comprise 0.1% or more of this mixture and are listed and/or classified as carcinogens or potential carcinogens by NTP, IARC, OSHA (mandatory listing), or ACGIH (optional listing). NONE

SECTION 4 EMERGENCY FIRST AID MEASURES

Inhalation If symptoms develop, move individual away from exposure and into fresh air. If symptoms persist, seek medical attention. If breathing is difficult, administer oxygen. Keep person warm and quiet; seek immediate medical attention.

Eye Contact	If symptoms develop, move individual away from exposure and into fresh air. Flush eyes gently with water while holding eyelids apart. If symptoms persist or if there is any visual difficulty, seek immediate medical attention.
Skin Contact	Remove contaminated clothing. Wash exposed area with soap and water. If symptoms persist, seek medical attention. Launder clothing before reuse.
Ingestion	Seek medical attention. If individual is drowsy or unconscious, do not give anything by mouth; place individual on the left side with the head down. Contact a physician, medical facility, or poison control center for advice about whether to induce vomiting. If possible, do not leave individual unattended.
Note to physician	Preexisting disorders of the following organs (or organ systems) may be aggravated by exposure to this material: lung (i.e. asthma-like conditions), skin (redness or rash-like symptoms, irritation).

SECTION 5 FIRE FIGHTING MEASURES

Flash Point 66 C (151 F) Autoignition Will Not Occur
LEL: 1.0% UEL: 8.0%

Extinguishing Media: Use foam, carbon dioxide, or dry chemical fire fighting apparatus.

Unusual Fire and Explosion Hazards: Vapors are heavier than air and may travel along the ground or be moved by ventilation and ignited by heat, pilot lights, other flames, or other ignition sources at locations distant from material handling area. Never use welding or cutting torch on or near containers even when empty as product and/or product residue can ignite explosively.

Hazardous Products of Combustion: May form oxides of carbon and nitrogen.

Special Fire Fighting Equipment: Firemen and emergency responders: wear full turnout gear or Level A equipment, including positive-pressure, self-contained breathing apparatus (SCBA), and chemical resistant personal protective equipment. Refer to the personal protective equipment section of this MSDS.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Spill and Leak Procedures Spill supervisor-Ensure cleanup personnel wear all appropriate Personal Protective Equipment (PPE), including respiratory protection. Remove all ignition sources. Keep nonessential personnel away from the contaminated area.

Small Spills Ventilate area and keep sources of ignition and hot metal surfaces isolated from the spill. Absorb liquid using vermiculite, sawdust, speedy-dry, or other suitable floor absorbent material. Use only non-sparking tools to collect and transfer to a suitable container for disposal in accordance with local and federal regulations.

Large Spills Eliminate all ignition sources and ventilate area. Persons not wearing protective equipment should be excluded from area of spill until clean up has been completed. Stop spill at source and prevent material from entering drains, sewers, streams or other bodies of water. Dike spill area with suitable absorbent material or chemical booms to limit spreading. If run-off occurs, notify authorities as required. Pump or vacuum transfer spilled product to clean containers for recovery. Absorb unrecoverable product, and transfer contaminated absorbent, soil and other materials to containers for disposal in accordance with local, state, and federal regulations. Note: use only non-sparking equipment to clean up spills.

SECTION 7 HANDLING AND STORAGE CONDITIONS

Handling Precautions Wear all appropriate Personal Protective Equipment (PPE). Wear respiratory protection or ensure adequate ventilation at all times as vapors can accumulate in confined or poorly ventilated areas. Use the product in a manner that minimizes splashes and/or the creation of dust. Keep containers dry and closed when not in use. Do not handle or store material near heat, sparks, open flames, or other sources of ignition. Sufficiently ground container when transferring material from one container to another.
Emergency eyewash fountains and safety showers should be available in the immediate vicinity of potential exposure. Sudden release of hot organic chemical vapors or mists from process equipment operating at elevated temperatures and pressures or sudden ingress of air into vacuum equipment may result in ignitions without the presence of obvious ignition sources. Any use of this product in elevated temperature, pressurized, or vacuum process should be thoroughly evaluated to establish and maintain safe operating conditions.

Storage Requirements Store this material in tightly sealed original containers only in a segregated area with adequate ventilation to prevent a build up or "fumes" that could pose a safety hazard with regard to personal exposure and fire. Keep all sources of ignition away from storage area and store material at temperatures between 50 to 80 degrees F.

SECTION 8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

- Engineering Controls** Ensure that any processing ovens are ventilated to prevent the introduction of fumes into the workplace and to prevent a build up of fume within the oven. Use only explosion proof equipment and ground containers and transfer equipment. Use only chemical resistant transfer equipment and measuring containers.
- Recommended ventilation** General mechanical ventilation may be sufficient to keep product vapor concentrations within specified time-weighted averages. If general ventilation proves inadequate to maintain safe vapor concentrations, supplemental local exhaust may be required.
- Eye Protection** The use of safety glasses, chemical goggles, and/or face shields is recommended to safeguard against potential eye contact, irritation, or injury. The availability of eye wash stations when using this product is highly recommended.
- Skin protection** The use of chemical resistant gloves is recommended to prevent repeated or prolonged contact with the skin. Wear impervious clothing and boots. The use of chemical aprons is advised when working with and/or transferring these materials. The availability of safety showers in work areas is recommended.
- Respiratory Protection** If workplace exposure limits of product or any component are exceeded, the use of a NIOSH/MSHA respirator will be necessary. In general the use of an organic vapor cartridge with a dust/mist pre-filter will be sufficient. In the absence of proper environmental controls, a NIOSH/MSHA approved air supplied respirator is advised.
- Contaminated Equipment** Dispose of waste in compliance with all federal, state, regional, and local regulations.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

The mixture exhibits the following properties under normal circumstances.

Appearance	Viscous liquid either colored or clear depending on product.
Odor	Strong solvent odor
Physical State	Liquid
Vapor Density	Heavier than air
Evaporation Rate	Slower than ether
Boiling Range	176 to 200 C
% Volume Volatile	30.77
Specific Gravity (SG)	1.077
Formula Lb/Gal	8.94
Lbs VOC/Gallon Less Water	2.23

SECTION 10 REACTIVITY DATA

Components of this mixture may be incompatible with various materials and will fume certain combustion products. It is recommended that only Spectrum's authorized materials are combined with Spectrum's finished products. The following incompatibilities may exist with components of this product.

Caustics and strong oxidizers

Thermal decomposition in the presence of air may yield the following

Oxides of carbon such as carbon dioxide and carbon monoxide.

SECTION 11 TOXICOLOGICAL INFORMATION

- Oxoheptyl Acetate LC 50: No data found LD 50: No data found
- Hexamethylene Diisocyanate (HDI) LC 50: No data found LD 50: No data found
- Avian Water Base Urethane Catalyst

SECTION 12 ECOLOGICAL INFORMATION NONE TO REPORT

SECTION 13 WASTE DISPOSAL CONSIDERATIONS

As the US EPA, state, regional, and other regulatory agencies may have jurisdiction over the disposal of your facility's hazardous waste, it is incumbent upon you, the hazardous waster generator, to learn of and satisfy all the requirements that affect you. Dispose of the hazardous waste at a properly licensed and permitted disposal site or facility. Ensure conformity to all applicable hazardous waste disposal regulations.

The US EPA Hazardous Waste Numbers that follow are applicable to this unadulterated product if the product enters the "waste stream." Refer to Title 40 of the Code of Federal Regulations, Part 261 (40 CFR 261). This part of the Code identifies solid wastes that are subject to regulation under various sections of the Code and that are subject to the notification requirements of Section 3010 of the Resource Conservation and Recovery Act (RCRA).

SECTION 14 TRANSPORTATION INFORMATION

This material is classified for transport as follows:

Agency	DOT
Proper Shipping Name	Coating Solution Flash Point above 150 F
UN Number	Not reg.
Packing Group	
Hazard Class	

SECTION 15 REGULATORY INFORMATION

Other regulatory information is listed where applicable.

Toxic Substance Control Act (TSCA) All chemicals except those listed below appear in the Toxic Substances Control Act Chemical Substance Inventory: NONE

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

822-06-0 Hexamethylene diisocyanate (HDI)

SECTION 16 OTHER INFORMATION

NON-WARRANTY. The information presented in this publication is based upon the research and experience of Spectrum Coatings and its suppliers. No representation or warranty is made concerning the accuracy or completeness of the information presented in this publication. Spectrum Coatings makes no warranty of any kind, express or implied, including without limitation any warranty of merchantability or fitness for any particular purpose, and no warranty or representation shall be implied by law or otherwise. Any products sold by Spectrum Coatings are not warranted as suitable for any particular purpose to the buyer. The suitability of any products for any purpose particular to the buyer is for the buyer to determine. Spectrum Coatings shall in no event be liable for any special, incidental, or consequential damages.