

MATERIAL SAFETY DATASHEET

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One Omega Drive
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MSDS-0109
OB-200 (Part A, Epoxy Resin)
Rev. Date 09/26/07
Supersedes: 09/06

SECTION 1. IDENTIFICATION

PRODUCT (TRADE) NAME: OMEGABOND® 200 Cement (Part A, Epoxy Resin)
GENERIC NAME/FAMILY: Thermally Conductive Adhesive
SUPPLIER: OMEGA Engineering, Inc.
ADDRESS: P. O. Box 4047
Stamford, CT 06907
TELEPHONE: (203) 359-1660

SECTION 2. HAZARDS IDENTIFICATION

WARNING. Possible Cancer Hazard.**EYE IRRITANT. SEVERE SKIN IRRITANT. SKIN SENSITIZER. Black Paste Slight Odor****EYE:** Will cause eye irritation. May cause permanent damage if eye is not immediately irrigated.**SKIN CONTACT:** Repeated and/or prolonged contact may result in severe irritation. Repeated and/or prolonged contact may cause skin sensitization.**INHALATION:** Unlikely to be hazardous by inhalation because of the low vapor pressure of the material at ambient temperature. Vapors and/or aerosols which may be formed at elevated temperatures may be irritating to eyes and respiratory tract. If the cured product is to be sanded or ground, wet sanding is recommended to eliminate airborne dust. Appropriate respiratory protection is suggested.**INGESTION:** May cause nausea and vomiting.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL FAMILY:	Formulated Epoxy Resin	
COMPONENT:	CAS NUMBER	CONCENTRATION (% by weight)
Epoxy Resin	PROPRIETY	20 - 35
Butyl Glycidyl Ether	2426-08-6	1 - 5
Carbon Black	1333-86-4	<0.5

SECTION 4. FIRST AID MEASURES

EYE: Immediately irrigate with eyewash solution or clean water, holding the eyelids apart, for at least 15 minutes. Obtain immediate medical attention.

SKIN CONTACT: Wash skin with soap and water. If symptoms develop, obtain medical attention.

INHALATION: Remove to fresh air. Administer oxygen to aid breathing. Get medical attention.

INGESTION: If victim is conscious, give water to dilute stomach contents. Get prompt medical attention.

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SECTION 5. FIREFIGHTING MEASURES

AUTOIGNITION: Not Available

FLASH POINT: >200°F

EXTINGUISHING MEDIA: Water spray or fog, CO₂, dry chemical.

SPECIAL FIREFIGHTING PROCEDURES: Firefighters should be equipped with self-contained breathing apparatus to protect against potentially toxic and irritating fumes. Cool exposed equipment with water spray.

FIRE & EXPLOSION HAZARDS: Combustible at high temperature.

HAZARDOUS COMBUSTION PRODUCTS: Carbon monoxide, carbon dioxide, unknown hydrocarbons.

LOWER EXPLOSION LIMIT (%): Not Determined

UPPER EXPLOSION LIMIT (%): Not Determined

SECTION 6 ACCIDENTAL RELEASE MEASURES

SPILL AND LEAK PROCEDURES: Evacuate immediate area and dike area to contain spill. Extinguish open flames and ignition sources in the immediate area. Wear proper protective clothing, gloves, and splash goggles. Absorb as much of spilled material as possible with rags, sand, vermiculite or other absorbent material. Scrap absorbed material into designated waste containers. Wash area thoroughly with detergent and rinse, taking care to prevent runoff into drains or other waterways. All spilled material, absorbed waste and wash water must be disposed of in accordance with all Federal, state and local regulations.

For safety and environmental precautions, please review entire Material Safety Data Sheet for necessary information.

SECTION 7. HANDLING AND STORAGE

STORAGE TEMPERATURE: 25°C

SHELF LIFE (Days): 365

HANDLING/STORAGE: Keep containers properly sealed and store indoors in a well ventilated area. Keep away from heat and sources of ignition.

SENSITIVITY TO STATIC ELECTRICITY: No

SPECIAL SENSITIVITY: No

SENSITIVITY TO MECHANICAL IMPACT: No

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SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

COMPONENT	EXPOSURE LIMITS	OSHA	Mfg. Working
Butyl Glycidyl Ether	ACGIH Skin - potential significant contribution to overall exposure by the cutaneous route	50 ppm TWA; 270 mg/m3 TWA	
Carbon Black	3.5 mg/m3 TWA	3.5 mg/m3 TWA	

VENTILATION REQUIREMENTS: Local mechanical ventilation. Sufficient to keep vapors below TLV exposure limits.

EYE PROTECTION REQUIREMENTS: Wear close fitting goggles or full face shield.

GLOVE REQUIREMENTS: Neoprene or natural rubber is recommended.

CLOTHING REQUIREMENTS: Wear protective equipment to comply with good occupational hygiene practice.

CHANGE/REMOVAL OF CLOTHING: Remove contaminated clothing and launder before reuse.

WASH REQUIREMENTS: Showers and eye washing equipment must be provided at handling points.

RESPIRATOR REQUIREMENTS: Respiratory protection required if the exposure level is unknown or has been measured and found to exceed the published exposure limits.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

PURE SUBSTANCE OR MIXTURE:	Mixture
PHYSICAL FORM:	Paste
COLOR:	Black
ODOR:	Slight
ODOR THRESHOLD:	None Established
OXIDIZING PROPERTIES:	Not Applicable
BOILING POINT:	Not Determined
SOLUBILITY IN WATER:	Insoluble
PARTITION COEFFICIENT (n-octanol/water):	Not Determined
SPECIFIC GRAVITY (Water=1):	2.4
EVAPORATION RATE:	Not Determined
VAPOR PRESSURE (mmHg):	<0.1 @ 25°C
VAPOR DENSITY (air=1):	>1.0
VOLATILES:	<0.8%/wt
VOLATILE ORGANIC COMPOUNDS:	<18.8 g/liter
AUTOIGNITION:	Not Available
FLASH POINT:	>200°F

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SECTION 10. STABILITY AND REACTIVITY

STABILITY:	Stable
STABILITY DETAIL:	Material is stable under recommended storage temperatures and pressures.
MATERIALS TO AVOID:	Amines, Acids, Strong oxidizers, Mercaptans, Imdazoles
CONDITIONS TO AVOID:	Elevated temperatures
HAZARDOUS DECOMPOSITION PRODUCTS:	Carbon monoxide, carbon dioxide, unknown hydrocarbons
HAZARDOUS POLYMERIZATION CONDITIONS:	Hazardous polymerization has not been reported to occur under normal temperature and pressures.

SECTION 11. TOXICOLOGICAL INFORMATION

Route of Entry:	Eye Contact; Skin Contact; Inhalation; Ingestion		
CARCINOGEN	IARC (group)	NTP	OSHA SUBSTANCE SPECIFIC REGULATION
COMPONENT Carbon Black	Yes (2B)	No	Not listed
CHRONIC (Long Term) EFFECTS OF EXPOSURE			
EFFECTS OF CHRONIC EXPOSURE:	A component(s) of this product was found to be positive in one or more mutagenic assays.		
TARGET ORGANS:	Eyes; Skin; Respiratory system		
SKIN SENSITIZATION:	Sensitizer. May cause allergic reaction.		
PRODUCT TOXICOLOGY:			
PRODUCT INFORMATION:	This data sheet is based on a consideration of the properties of the constituents.		
COMPONENT	ORAL TOXICITY	NOTES ON ORAL TOXICITY	
Epoxy Resin	Oral LD50: Rat > 5000 mg/kg	Unlikely to be hazardous if swallowed.	
Butyl Glycidyl Ether	Oral LD50: Mouse > 1530 mg/kg	May cause nausea, vomiting and diarrhea	
Carbon Black	Oral LD50: Rat > 1000 mg/kg		
Carbon Black	Oral LD50: Rat > 8000 mg/kg	Ingestion may cause irritation of the gastrointestinal tract. Unlikely to be hazardous if swallowed.	
COMPONENT	DERMAL TOXICITY	NOTES ON DERMAL TOXICITY	
Epoxy Resin	Oral LD50: Rabbit > 6000 mg/kg	Repeated or prolonged skin contact may result in moderate irritation. Repeat and/or prolonged contact may cause skin sensitization.	
Butyl Glycidyl Ether	Dermal LD50: Rabbit > 788 mg/kg	Repeated and/or prolonged contact may cause irritation and skin sensitization. Severly irritating; may cause permanent skin damage.	
Carbon Black		Non-irritant	

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SECTION 11. TOXICOLOGICAL INFORMATION (CONT'D)

COMPONENT	INHALATION TOXICITY	NOTES ON INHALATION TOXICITY
Epoxy Resin		Unlikely to be hazardous by inhalation because of the low vapor pressure of the material at ambient temperature.
Butyl Glycidyl Ether	Inhalation LC50 (8 hr): Rat 1030 ppm	Vapor or aerosol, if generated, can cause irritation of the eyes, nose, and respiratory tract.
Carbon Black		Prolonged or frequent breathing of excess dust may cause an adverse respiratory effect. Inhalation of high concentrations of dust may cause mechanical irritation and discomfort. Repeated exposure to dusts may aggravate pre-existing respiratory conditions.
COMPONENT		NOTES ON EYE IRRITATION
Epoxy Resin		May cause eye irritation.
Butyl Glycidyl Ether		Severe/very severe irritant.
Carbon Black		Particulates may scratch eye surfaces and cause mechanical irritation.

SECTION 12. ECOLOGICAL INFORMATION

POTENTIAL EFFECT ON ENVIRONMENT:	Unknown
POTENTIAL TO BIOACCUMULATE:	Unknown
ECOTOXICITY:	Unknown
AQUATIC TOXICITY:	None Established

SECTION 13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHODS:	Disposal should be in accordance with local, state, or national legislation.
EMPTY CONTAINER WARNINGS:	Empty containers may contain product residue; follow MSDS and label warnings even after they have been emptied.

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SECTION 14. TRANSPORTATION INFORMATION

This section provided for general information only. The shipping description below may not represent requirements for all modes of transportation, packaging, shipping methods or locations outside the United States.

FOR MORE COMPLETE TRANSPORTATION REGULATORY INFORMATION PLEASE REFER TO THE SHIPPING DOCUMENTS ACCOMPANYING THE SHIPMENT OF THIS PRODUCT.

DOT CLASSIFICATION: Not Regulated
ICAO/IATA CLASSIFICATION: Not classified as dangerous.

The information provided herein may not include the impact of additional regulatory requirements (eg., for materials meeting the definition of a hazardous waste under RCRA, hazardous substances under CERCLA, and/of marine pollutants under CWA or other similar federal, state or local laws) or any associated exceptions or exemptions under regulations applicable to the transport of this material.

SECTION 15. REGULATORY INFORMATION

TSCA:	All components are on the TSCA inventory
Canadian Domestic Substance List (DSL):	Is on DSL
China (IECSC):	On the IECSC Inventory.
Australia (AICS):	On the AICS Inventory.
Korea (KECI):	On the KECI Inventory.
Philippines (PICCS):	On the PICCS Inventory.

SARA - Section 313 (Superfund Amendments and Reauthorization Act of 1986 - 40CFR 372)
Contains no substances at or above the reporting threshold under Section 313.

CAS NUMBER**CALIFORNIA PROPOSITION 65**

WARNING: This product contains following chemicals that are known to the state of California to cause cancer, birth defects or other reproductive harm. Unless a concentration is specified in Section 2 of the MSDS, the below chemical/s are present in trace amounts.

COMPONENT	CAS NUMBER
Carbon Black	1333-86-4
Phenyl Glycidyl Ether	122-60-1
Epichlorohydrin	106-89-8

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SECTION 16. OTHER INFORMATION

HMIS* HAZARD RATINGS

HMIS* ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risk, and 4 representing significant hazards or risks. Although HMIS* ratings are not required on MSDSs by OSHA's 29 CFR 1910.1200, we choose to provide them as a service to our customers using HMIS*. These ratings are to be used only with a fully implemented HMIS* program. To deal adequately with the safe handling of this material, all the information contained in this MSDS must be considered.

NPCA recommends that employers must determine appropriate PPE for the actual conditions under which this product is used in their workplace. For information on PPE codes, consult the HMIS* Implementation Manual.

When two ratings are provided for Health, the first represents the material "as supplied", and the second represents the material "in use"

* = chronic health hazard

HMIS* is a registered trademark of the National Paint and Coatings Association (NPCA).

HEALTH	FLAMMABILITY	PHYSICAL HAZARD
*2	1	0
MSDS Date	September 26, 2007	
For Information Contact:	OMEGA Engineering, Inc. (203) 359-1660	

ADDITIONAL INFORMATION: The information given and the recommendations made herein apply to our product(s) alone and are not combined with other product(s). Such are based on our research and on data from other reliable sources and are believed to be accurate. No guaranty of accuracy is made. It is the purchaser's responsibility before using any product to verify this data under their own operating conditions and to determine whether the product is suitable for their purposes.

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The information contained herein is based upon data considered true and accurate. However, OMEGA makes no warranties, express or implied, as to the accuracy or adequacy of the information contained herein or the results to be obtained from the use thereof. This information is offered solely for the user's consideration, investigation and verification. Since the use and conditions of use of this information and the material described herein are not within the control of OMEGA, OMEGA assumes no responsibility for injury to the user or third persons. The material described herein is sold only pursuant to OMEGA's Terms and Conditions of Sale, including those limiting warranties and remedies contained herein, it is the responsibility of the user to determine whether any use of this data and information is in accordance with applicable federal, state or local laws and regulations.

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MSDS-0109
OB-200 (Part B, Epoxy Resin)
Rev. Date 03/25/07
Supersedes: 09/06

SECTION 1. IDENTIFICATION

PRODUCT (TRADE) NAME: OMEGABOND[®] 200 Cement (Part B, Catalyst)
GENERIC NAME OR FAMILY: Anhydride Blend
SUPPLIER: OMEGA Engineering, Inc.
P. O. Box 4047
Stamford, CT 06907
TELEPHONE: (203) 359-1660

SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL FAMILY:	Anhydrides	
COMPONENT:	CAS NUMBER	CONCENTRATION (% by weight)
Methylhexahydrophthalic anhydride	25550-51-0	35 - 50
Benzenetetracarboxylic-1, 2, 4, 5-Dianhydride	89-32-7	35 - 50

SECTION 3. HAZARDS IDENTIFICATION

DANGER! CAUSES SEVERE OR PERMANENT DAMAGE TO EYES. SEVERE EYE IRRITANT. HARMFUL IF SWALLOWED. SEVERE SKIN IRRITANT. RESPIRATORY SENSITIZER. SKIN SENSITIZER. Tan Liquid Pungent Odor

EYE: Severe/very severe irritant. May cause permanent damage if eye is not immediately irrigated.

SKIN CONTACT: Repeated and/or prolonged contact may result in severe irritation. Repeated and/or prolonged contact may cause skin sensitization.

INHALATION: Respiratory irritant. Possible respiratory sensitizer.

INGESTION: Will cause irritation to mouth, throat, and stomach.

SECTION 4. FIRST AID MEASURES

EYE: Immediately irrigate with eyewash solution or clean water, holding the eyelids apart, for at least 15 minutes. Obtain immediate medical attention.

SKIN CONTACT: Flush exposed areas thoroughly with soap and water until all chemical is removed. Remove contaminated clothing and launder before reuse. Obtain immediate medical attention.

INHALATION: Remove to fresh air. If breathing is difficult, give oxygen. If breathing has stopped, give artificial respiration. Get medical attention.

INGESTION: DO NOT attempt to give anything by mouth to an unconscious person. If individual is conscious, give water to dilute stomach contents. Get prompt medical attention.

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SECTION 5. FIREFIGHTING MEASURES

AUTOIGNITION: Not Available

FLASH POINT: 310°F (Pensky-Martens Closed Tester)

EXTINGUISHING MEDIA: CO₂; Dry Chemical; Water Fog

SPECIAL FIREFIGHTING PROCEDURES: A self contained breathing apparatus and suitable protective clothing should be worn in fire conditions. Cool exposed equipment with water spray.

FIRE & EXPLOSION HAZARDS: Combustible at high temperatures.

HAZARDOUS COMBUSTION PRODUCTS: Combustion will evolve toxic and irritant vapors. Carbon monoxide, carbon dioxide, unknown hydrocarbons.

LOWER EXPLOSION LIMIT (%): Not Applicable

UPPER EXPLOSION LIMIT (%): Not Applicable

SECTION 6. ACCIDENTAL RELEASE MEASURES

SPILL AND LEAK PROCEDURES: Ventilate area. May cause allergic skin reaction. Use suitable protective clothing. Absorb spillages onto sand, earth or any suitable absorbent material. Do not allow to enter drains, sewers or watercourses. Scrape absorbed material into proper waste containers. Wash area with soap and water; prevent entry of wash water into drains or other waterways. Dispose of wastes and water in accordance with all applicable federal, state, and local regulations.

For safety and environmental precautions, please review entire Material Safety Data Sheet for necessary information.

SECTION 7. HANDLING AND STORAGE

STORAGE TEMPERATURE: 25°C

SHELF LIFE (Days): 365

HANDLING/STORAGE: Keep containers properly sealed and store indoors in a well ventilated area. Store in cool, dry place. Good industrial hygiene should be practiced.

SENSITIVITY TO STRATIC ELECTRICITY: No

SPECIAL SENSITIVITY: Avoid moisture contamination.

SENSITIVITY TO MECHANICAL IMPACT: No

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SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

VENTILATION REQUIREMENTS: Use in a well-ventilated area. Local mechanical ventilation.

EYE PROTECTION REQUIREMENTS: Wear eye/face protection. Safety spectacles/goggles/full face shield.

GLOVE REQUIREMENTS: Employees must wear appropriate protective gloves to prevent contact with this substance.

CLOTHING REQUIREMENTS: Employees must wear appropriate clothing and equipment to prevent any possibility of skin contact with this substance. Uniforms, coveralls, or a lab coat should be worn. Rubber boots and apron if exposure is severe.

CHANGE/REMOVAL OF CLOTHING: Remove contaminated clothing and launder before reuse.

WASH REQUIREMENTS: Wash exposed areas with soap and water. Showers and eye washing equipment must be provided at handling points.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

PURE SUBSTANCE OR MIXTURE:	Mixture
PHYSICAL FORM:	Liquid
COLOR:	Tan
ODOR:	Pungent
ODOR THRESHOLD:	Not Available
OXIDIZING PROPERTIES:	Not Applicable
BOILING POINT:	Not Applicable
MELTING/FREEZING POINT:	Not Applicable
SOLUBILITY IN WATER:	Slightly Soluble
PARTITION COEFFICIENT (n-octanol/water):	Not Determined
SPECIFIC GRAVITY (Water=1):	1.35
BULK DENSITY:	Not Available
EVAPORATION RATE:	Negligible
VAPOR PRESSURE (mmHg):	Negligible @ 25°C
VAPOR DENSITY (air=1):	>1.0
VOLATILES:	<0.5%/wt
VOLATILE ORGANIC COMPOUNDS:	Negligible
AUTOIGNITION:	Not Available
FLASH POINT:	310°F (Pensky-Martens Closed Tester)

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SECTION 10. STABILITY AND REACTIVITY

STABILITY:	Stable
STABILITY DETAIL:	Material is stable under normal temperatures and pressures.
MATERIALS TO AVOID:	Strong oxidizers, Bases
CONDITIONS TO AVOID:	Avoid moisture contamination. Elevated temperatures
HAZARDOUS DECOMPOSITION PRODUCTS:	Carbon monoxide, carbon dioxide, unknown hydrocarbons. Combustion will evolve toxic and irritant vapors. Carbon monoxide, Carbon dioxide.
HAZARDOUS POLYMERIZATION	Hazardous polymerization will not occur.

SECTION 11. TOXICOLOGICAL INFORMATION

ROUTE OF ENTRY:	Skin Contact; Inhalation; Ingestion		
CARCINOGEN	IARC (group)	NTP	OSHA SUBSTANCE SPECIFIC REGULATION
COMPONENT			
There is no evidence that this product poses a carcinogenic risk under normal conditions of handling and use.	No	No	Not Listed
CHRONIC (Long Term) EFFECTS OF EXPOSURE			
TARGET ORGANS:	Eyes; Skin; Respiratory system		
RESPIRATORY SENSITIZATION:	Sensitizer. May cause allergic reaction.		
SKIN SENSITIZATION:	Sensitizer. May cause allergic reaction.		
PRODUCT TOXICOLOGY			
PRODUCT INFORMATION:	A moderate irritant to skin, eyes, respiratory system and gastrointestinal tract.		
COMPONENT	ORAL TOXICITY	NOTES ON ORAL TOXICITY	
Methylhexhydrophthalic Anhydride		Irritant and may cause nausea and vomiting.	
Benzenetetracarboxylic 1, 2, 4, 5-Dianhydride	Oral LD50: Mouse > 2400 mg/kg Oral LD50; Rat > 2250 mg/kg	Ingestion may cause irritation of the gastrointestinal tract.	
COMPONENT	DERMAL TOXICITY	NOTES ON DERMAL TOXICITY	
Methylhexhydrophthalic Anhydride		Repeated and/or prolonged contact may cause skin sensitization. Irritating to the skin	
Benzenetetracarboxylic 1, 2, 4, 5-Dianhydride		Repeated and/or prolonged contact may cause skin sensitization. Can cause severe irritation on moist skin.	

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SECTION 11. TOXICOLOGICAL INFORMATION (CONT'D)

COMPONENT	INHALATION TOXICITY	NOTES ON INHALATION TOXICITY
Methylhexhydrophthalic Anhydride		Respiratory sensitizer. Respiratory irritant.
Benzenetetracarboxylic 1, 2, 4, 5-Dianhydride	Inhalation LC50 (4 hr); Rat 150 mg/m ³	Possible respiratory sensitizer. Exposure to high concentrations may produce lung damage. May cause irritation to eyes and respiratory system.
COMPONENT	NOTES ON EYE IRRITATION	
Methylhexhydrophthalic Anhydride.	Severe/very severe irritant.	
Benzenetetracarboxylic 1, 2, 4, 5-Dianhydride	Severe/very severe irritant.	

SECTION 12. ECOLOGICAL INFORMATION

POTENTIAL EFFECT ON ENVIRONMENT:	Do not allow to enter drains, sewers, or watercourses.
MOBILITY:	Slightly Soluble
POTENTIAL TO BIOACCUMULATE:	Unknown
AQUATIC TOXICITY:	None Established

SECTION 13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHODS:	Disposal should be in accordance with local, state, or national legislation.
EMPTY CONTAINER WARNINGS:	Empty containers may contain product residue; follow MSDS and label warnings even after they have been emptied.

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DOT CLASSIFICATION: Not Regulated
ICAO/IATA CLASSIFICATION: Not classified as dangerous.

The information provided herein may not include the impact of additional regulatory requirements (eg., for materials meeting the definition of a hazardous waste under RCRA, hazardous substances under CERCLA, and/of marine pollutants under CWA or other similar federal, state or local laws) or any associated exceptions or exemptions under regulations applicable to the transport of this material.

SECTION 15. REGULATORY INFORMATION

TSCA:	All components are on the TSCA inventory
Canadian Domestic Substance List (DSL):	Is on DSL
China (IECSC):	On the IECSC Inventory.
Japan (ENCS):	On the ENCS Inventory.
Australia (AICS):	On the AICS Inventory.
Korea (KECI):	On the KECI Inventory.
EINECS:	All components of this product are listed in EINECS or ELINCS, or are otherwise exempt from EU notification requirements.

SARA - Section 313 (Superfund Amendments and Reauthorization act of 1986 - 40CFR 372)
Contains no substances at or above the reporting threshold under Section 313.

CALIFORNIA PROPOSITION 65

WARNING: This product contains following chemicals that are known to the state of California to cause cancer, birth defects or other reproductive harm. Unless a concentration is specified in Section 2 of the MSDS, the below chemical/s are present in trace amounts.

COMPONENT	CAS NUMBER
None reportable.	

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SECTION 16. OTHER INFORMATION

HMIS® HAZARD RATINGS

HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risk, and 4 representing significant hazards or risks. Although HMIS® ratings are not required on MSDSs by OSHA's 290 CFR 1910.1200, we choose to provide them as a service to our customers using HMIS®. These ratings are to be used only with a fully implemented HMIS® program. To deal adequately with the safe handling of this material, all the information contained in this MSDS must be considered.

NPCA recommends that employers must determine appropriate PPE for the actual conditions under which this product is used in their workplace. For information on PPE codes, consult the HMIS® Implementation Manual.

When two ratings are provided for Health, the first represents the material "as supplied", and the second represents the material "in use"

* = chronic health hazard

HMIS® is a registered trademark of the National Paint and Coatings Association (NPCA).

HEALTH	FLAMMABILITY	PHYSICAL HAZARD
*3	1	0
MSDS Date	March 25, 2007	
For Information Contact:	OMEGA Engineering, Inc. (203) 359-1660	

ADDITIONAL INFORMATION: The information given and the recommendations made herein apply to our product(s) alone and are not combined with other product(s). Such are based on our research and on data from other reliable sources and are believed to be accurate. No guaranty of accuracy is made. It is the purchaser's responsibility before using any product to verify this data under their own operating conditions and to determine whether the product is suitable for their purposes.

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