

MEGADECK™

MEGADECK PRODUCT SPECIFICATIONS

Mat Size

Full Size Mat (consists of two half mats permanently bolted together):

Actual: 4.2672m / 14ft (L) x 2.286m / 7.5ft (W) x 10.795cm / 4in (D)

Usable (due to flange): 3.9624m / 13ft (L) x 1.98m / 6.5ft (W) x 10.795cm / 4cm (D)

Half Size Mat:

Actual: 2.286m / 7.5ft (L) x 2.286m / 7.5ft (W) x 10.795cm / 4in (D)

Usable (due to flange): 1.98m / 6.5ft (L) x 1.98m / 6.5ft (W) x 10.795cm / 4cm (D)

Weight

Full Size Mat: 555.5 kg / 1,122 lbs

Half Size Mat: 277.7kg / 611 lbs

Colors

Beige. Custom colors available.

Mat Design

Each MegaDeck mat is molded from a single piece of HDPE, with special proprietary fillers and additives that provide additional strength, rigidity, and impact resistance.

Mat sections incorporate a weight-saving ribbed interior structure that provides tremendous weight-bearing capacity, while allowing for sections to be easily handled by a standard forklift.

A solid HDPE plate is bolted to the top of each mat to close off the ribbed interior and to provide a water seal that prevents dirt, water, and debris from penetrating the mat. Each MegaDeck top section is sealed with a specialized gasket that handles mat flexure and other everyday abuses.

MegaDeck mats incorporate flanges on both sides that allow mats to connect to adjacent panels. Flanges are solid HDPE for added durability. Each flange incorporates a heavy radius design, providing additional strength and shear resistance. Once nested into adjacent panels, the solid HDPE flange system provides rigidity and strength.

Each mat may be reconfigured into 7.5' x 7.5' (2.286 m x 2.286 m) (half mats) at the user's request, allowing for greater layout flexibility. Half sections may be used to create straight edges as desired and allow for more options in site design and transportability.

Material Composition

Each MegaDeck mat is manufactured using the highest quality virgin HDPE, with special impact modifiers and fillers to accommodate thermal expansion, incorporate UV resistance, and to provide tremendous strength. An anti-static (static dissipative) additive is molded into each mat, to allow for use in environments where static could pose a problem.

Connection System

MegaDeck sections may be interconnected using MegaDeck's proprietary connection system. This connection system consists of a self-aligning locking mechanism that connects the overlapping flange from adjacent mats, allowing sections to bear tremendous weights. An ultra-secure connection between your MegaDeck panels is

achieved with a simple twist of a standard hex key. All lock components are made from heavy-duty cast aluminum that will not rust, break, or corrode.



Surface Traction Design Each mat incorporates our low-profile “pedestrian” design that provides traction and slip resistance in the field. The pattern is designed to be easily cleaned and to function well with mud, sand, dirt, and other common on-site substances such as oil and grease. This design provides good traction for pedestrians, vehicles, and all types of rolling equipment, including dozers and other tracked vehicles.

Packing and Loading Mats may be loaded into standard ISO containers and are specially designed to maximize volume in containers for overseas transport. Mats are easily loaded onto BOTH flat bed and enclosed van trucks, allowing maximum flexibility in transport.

U.S. standard truck: 42 mats – 3 stacks each, 14 mats high

40ft ISO shipping container: 42 mats – 2 stacks each, 17 full mats high + 1 stack, 16 half mats high

20ft ISO shipping container: - 18 mats - 1 stack, 18 full mats high

Cleaning Method Sections may be cleaned with a standard industrial grade pressure washer, brushes, and ordinary cleaning solutions. MegaDeck mats are easy to maintain and to clean and will not absorb water or other contaminants.

Tracking Methods All mats have serial numbers for inventory control and tracking. Optional RFID chips are available for each mat and are incorporated into the core of the mat during the manufacturing process. Simply specify if you are interested in tracking your mats using a computerize inventory control and tracking system.



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Flooring: www.eventdeck.com • Fencing: www.signaturefencing.com

Prepared according to U.S. OSHA, CMA, ANSI, Canadian WHMIS regulations

SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME:	MegaDeck™
PRODUCT DESCRIPTION:	Heavy-duty composite mat utilized for temporary roadways, work platforms, equipment staging, site access, ground and surface protection. The mats overlap and interlock creating a solid and safe surface capable of withstanding substantial loads. Each mat has an overall size of 14 ft / 4.267 m (L) x 7.5 ft / 2.286 m (W) x 4.25 in / 10.795 cm (D) and weighing approximately 1,222 lbs / 555.5 kg.
U.N. NUMBER:	Not Applicable
U.N. DANGEROUS GOODS CLASS:	Non-Regulated Material
SUPPLIER/MANUFACTURER'S NAME:	Signature Systems Group, LLC
ADDRESS:	50 East 42 nd Street, 14 th Floor, New York, NY 10017 USA
BUSINESS PHONE:	212-953-1116 (For product information)
BUSINESS FAX:	212-953-1117 (Fax)
WEBSITE:	www.megadeckrigmats.com
DATE OF PREPARATION:	February 21, 2012
DATE OF LAST REVISION:	New

SECTION 2 - HAZARDS IDENTIFICATION

MegaDeck™ is a finished product that is supplied in various sizes and shapes dependent on the application.

Health Hazards: As a finished product is non-hazardous with no known health effects. This product may produce hazardous toxic fumes when heated to decomposition.

Flammability Hazards: As supplied, this product is not combustible.

Reactivity Hazards: None

Environmental Hazards: None

Emergency Considerations: Emergency responders must wear the proper personal protective equipment (and have appropriate fire-suppression equipment) suitable for the situation to which they are responding.

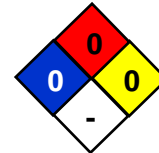
US DOT SYMBOLS

Non-Regulated

CANADA (WHMIS) SYMBOLS

Not Controlled

NFPA RATING SYSTEM



This product is classified as an "article" according to Title 29 of the Code of Federal Regulations, OSHA Part 1910.1200.

"Article means a manufactured item other than a fluid or particle, which is formed to a specific shape or design during manufacture which has end use function dependent in whole or in part upon its shape or design during end use, and which under normal conditions of use does not release more than very small quantities or trace amounts of a hazardous chemical, and does not pose a physical hazard or health risk to employees."

This product is odorless, stable, and poses no immediate hazard to health. However, respiratory, hand and eye protection may be needed to prevent excess exposure to airborne particulates if dust is produced by cutting or if dust is produced by any other operation, including removal.

HAZARDS DISCLOSURE: This product does not contain known hazardous materials as defined by the OSHA Hazard Communication Standard 29 CFR 1910.1200. As defined under Sara 311 and 312, this product does not contain known hazardous materials

HEALTH HAZARDS OR RISKS FROM EXPOSURE:

ACUTE:

None known as a result of exposure to this product.

CHRONIC:

None Known

TARGET ORGANS: ACUTE: None known

CHRONIC: None known

SECTION 3 - COMPOSITION and INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENTS:	CAS #	EINECS #	ICSC #	WT %	HAZARD CLASSIFICATION; RISK PHRASES
HDPE	25213-02-9	Not Listed in ESIS	Not Listed	Proprietary	HAZARD CLASSIFICATION: None RISK PHRASES: None
LLDPE	25087-34-7	Not Listed in ESIS	Not Listed	Proprietary	HAZARD CLASSIFICATION: None RISK PHRASES: None
Calcium Carbonate	471-34-1	207-439-9	Not Listed	Proprietary	HAZARD CLASSIFICATION: None RISK PHRASES: None
Anti-Stat	Not Available	Not Listed in ESIS	Not Listed	Proprietary	HAZARD CLASSIFICATION: None RISK PHRASES: None
Each of the other components present are less than 1 percent concentration (0.1% concentration for potential carcinogens, reproductive toxins, respiratory tract sensitizers, and mutagens)					

NOTE: ALL WHMIS required information is included in appropriate sections based on the ANSI Z400.1-2010 format.

SECTION 4 - FIRST-AID MEASURES

Contaminated individuals of chemical exposure must be taken for medical attention if any adverse effect occurs. Rescuers should be taken for medical attention, if necessary. Take copy of label and MSDS to health professional with contaminated individual.

EYE EXPOSURE: Not expected as a result of exposure to finished product. If dust generated by cutting, sanding or grinding of this product enters the eyes, open contaminated individual's eyes while under gently running water. Use sufficient force to open eyelids. Have contaminated individual "roll" eyes. Minimum flushing is for 15 minutes. Contaminated individual should seek medical attention if irritation occurs.

SKIN EXPOSURE: Not expected as a result of exposure to finished product. If dust generated by cutting, sanding or grinding of this product contaminates the skin, wash with soap and water after handling or before eating or smoking. Remove exposed or contaminated clothing, taking care not to contaminate eyes. The contaminated individual should seek medical attention if any adverse effect occurs.

INHALATION: If breathing becomes difficult, remove victim to fresh air. If necessary, use artificial respiration to support vital functions. Seek medical attention immediately.

INGESTION: If product is swallowed, call physician or poison control center for most current information. If professional advice is not available, do not induce vomiting. Never induce vomiting or give diluents (milk or water) to someone who is unconscious, having convulsions, or who cannot swallow. Seek medical advice. Take a copy of the label and/or MSDS with the victim to the health professional.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: None known

RECOMMENDATIONS TO PHYSICIANS: Treat symptoms and reduce over-exposure.

SECTION 5 - FIRE-FIGHTING MEASURES

FLASH POINT:

>400°C

AUTOIGNITION TEMPERATURE:

Not Applicable

FLAMMABLE LIMITS (in air by volume, %):

Lower (LEL): NA% Upper (UEL): NA%

FIRE EXTINGUISHING MATERIALS:

Use fire extinguishing materials appropriate for surrounding fire including water spray (for cooling), dry extinguishing media, carbon dioxide, foam.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

This product is non-flammable

Explosion Sensitivity to Mechanical Impact:

Not Sensitive.

Explosion Sensitivity to Static Discharge:

Not Sensitive

SPECIAL FIRE-FIGHTING PROCEDURES:

Incipient fire responders should wear eye protection. Structural firefighters must wear Self-Contained Breathing Apparatus and full protective equipment. Isolate materials not yet involved in the fire and protect personnel. Move containers from fire area if this can be done without risk; otherwise, cool with carefully applied water spray. If possible, prevent runoff water from entering storm drains, bodies of water, or other environmentally sensitive areas.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

SPILL AND LEAK RESPONSE: Pick-up for re-use or recycle. Dispose of in accordance with applicable Federal, State, and local procedures (see Section 13, Disposal Considerations).

SECTION 7 - HANDLING and STORAGE

WORK PRACTICES AND HYGIENE PRACTICES: Use appropriate personal protective equipment during handling. Protect against physical damage. Observe good hygiene practices.

STORAGE AND HANDLING PRACTICES: Store product in a cool, dry location, away from sources of intense heat.

SECTION 8 - EXPOSURE CONTROLS - PERSONAL PROTECTION

EXPOSURE LIMITS/GUIDELINES:

Chemical Name	CAS#	ACGIH TWA	OSHA TWA
All Components		Not Listed	Not Listed

Currently, International exposure limits are not established for all the components of this product. Please check with competent authority in each country for the most recent limits in place.

VENTILATION AND ENGINEERING CONTROLS: Use local exhaust ventilation.

The following information on appropriate Personal Protective Equipment is provided to assist employers in complying with OSHA regulations found in 29 CFR Subpart I (beginning at 1910.132) or equivalent standard of Canada. Please reference applicable regulations and standards for relevant details.

RESPIRATORY PROTECTION: Not needed for finished product. If necessary, use only respiratory protection authorized in the U.S. Federal OSHA Respiratory Protection Standard (29 CFR 1910.134), equivalent U.S. State standards, Canadian CSA Standard Z94.4-93.

EYE PROTECTION: Not needed for finished product. If necessary, refer to U.S. OSHA 29 CFR 1910.133 or appropriate Canadian Standards.

HAND PROTECTION: Not needed for finished product. If necessary, refer to U.S. OSHA 29 CFR 1910.138 or appropriate Standards of Canada.

BODY PROTECTION: Not needed for finished product. If necessary, refer to appropriate Standards of Canada, or appropriate Standards of the EU, Australian Standards, or relevant Japanese Standards.

SECTION 9 - PHYSICAL and CHEMICAL PROPERTIES

PHYSICAL STATE:	Solid
APPEARANCE & ODOR:	This product is a finished product in various sizes and colors
ODOR THRESHOLD (PPM):	Not Applicable
VAPOR PRESSURE (mmHg):	Not Applicable
VAPOR DENSITY (AIR=1):	Not Applicable
EVAPORATION RATE (nBuAc = 1):	Not Applicable
BOILING POINT (C°):	Not Applicable
FREEZING POINT (C°):	Not Applicable
pH:	Not Applicable
SPECIFIC GRAVITY 20°C: (WATER =1)	Not Applicable
SOLUBILITY IN WATER (%):	Non-Soluble
VOC:	Not Applicable

SECTION 10 - STABILITY and REACTIVITY

STABILITY: Product is stable

DECOMPOSITION PRODUCTS: When heated to decomposition this product produces Oxides of carbon (CO_x), and Hydrocarbons

MATERIALS WITH WHICH SUBSTANCE IS INCOMPATIBLE: None known

HAZARDOUS POLYMERIZATION: Will not occur.

CONDITIONS TO AVOID: None known

SECTION 11 - TOXICOLOGICAL INFORMATION

TOXICITY DATA: Toxicity data is not available:

No LD 50 Data Available

SUSPECTED CANCER AGENT: None of the ingredients are found on the following lists: FEDERAL OSHA Z LIST, NTP, CAL/OSHA, IARC and therefore is not considered to be, nor suspected to be a cancer-causing agent by these agencies.

IRRITANCY OF PRODUCT: None known

SENSITIZATION OF PRODUCT: This product is not considered a sensitizer.

REPRODUCTIVE TOXICITY INFORMATION: No information concerning the effects of this product and its components on the human reproductive system.

SECTION 12 - ECOLOGICAL INFORMATION

ALL WORK PRACTICES MUST BE AIMED AT ELIMINATING ENVIRONMENTAL CONTAMINATION.

ENVIRONMENTAL STABILITY: No Data available at this time.

EFFECT OF MATERIAL ON PLANTS or ANIMALS: No evidence is currently available on this product's effects on plants or animals.

EFFECT OF CHEMICAL ON AQUATIC LIFE: No evidence is currently available on this product's effects on aquatic life.

SECTION 13 - DISPOSAL CONSIDERATIONS

PREPARING WASTES FOR DISPOSAL: Waste disposal must be in accordance with appropriate Federal, State, and local regulations, those of Canada, Australia, EU Member States and Japan.

SECTION 14 - TRANSPORTATION INFORMATION

US DOT; IATA; IMO; ADR:

THIS PRODUCT IS NOT HAZARDOUS AS DEFINED BY 49 CFR 172.101 BY THE U.S. DEPARTMENT OF TRANSPORTATION.

PROPER SHIPPING NAME: Non-Regulated Material

HAZARD CLASS NUMBER and DESCRIPTION: None

UN IDENTIFICATION NUMBER: None

PACKING GROUP: None

DOT LABEL(S) REQUIRED: None

NORTH AMERICAN EMERGENCY RESPONSE GUIDEBOOK NUMBER (2004): None

MARINE POLLUTANT: None of the ingredients are classified by the DOT as a Marine Pollutant (as defined by 49 CFR 172.101, Appendix B)

U.S. DEPARTMENT OF TRANSPORTATION (DOT) SHIPPING REGULATIONS:

This product is not classified as dangerous goods, per U.S. DOT regulations, under 49 CFR 172.101.

TRANSPORT CANADA, TRANSPORTATION OF DANGEROUS GOODS REGULATIONS:

This product is not classified as Dangerous Goods, per regulations of Transport Canada.

INTERNATIONAL AIR TRANSPORT ASSOCIATION (IATA):

This product is not classified as Dangerous Goods, by rules of IATA:

INTERNATIONAL MARITIME ORGANIZATION (IMO) DESIGNATION:

This product is not classified as Dangerous Goods by the International Maritime Organization.

SECTION 15 - REGULATORY INFORMATION**UNITED STATES REGULATIONS**

SARA REPORTING REQUIREMENTS: This product is not subject to the reporting requirements of Sections 302, 304 and 313 of Title III of the Superfund Amendments and Reauthorization Act., as follows: None

TSCA: All components in this product are listed on the US Toxic Substances Control Act (TSCA) inventory of chemicals.

SARA 311/312:

Acute No Chronic Health: No Fire: No Reactivity: No
Health:

U.S. SARA THRESHOLD PLANNING QUANTITY: There are no specific Threshold Planning Quantities for this product. The default Federal MSDS submission and inventory requirement filing threshold of 10,000 lb (4,540 kg) may apply, per 40 CFR 370.20.

U.S. CERCLA REPORTABLE QUANTITY (RQ): None

CALIFORNIA SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT (PROPOSITION 65): None of the ingredients are on the California Proposition 65 lists.

CANADIAN REGULATIONS:

CANADIAN DSL/NDSL INVENTORY STATUS: All of the components of this product are on the DSL Inventory

CANADIAN ENVIRONMENTAL PROTECTION ACT (CEPA) PRIORITIES SUBSTANCES LISTS: No component of this product is on the CEPA First Priorities Substance Lists.

CANADIAN WHMIS CLASSIFICATION and SYMBOLS: This is not considered to be a hazardous material under the Hazardous Products Act as defined by the Controlled Products Regulations and is therefore subject to the labeling and MSDS requirements of the Workplace Hazardous Materials Information System (WHMIS). Not Controlled

INTERNATIONAL CHEMICAL INVENTORIES:

Listing of the components on individual country Chemical Inventories is as follows:

Asia-Pac:	Listed or Exempt
Australian Inventory of Chemical Substances (AICS):	Listed or Exempt
Korean Existing Chemicals List (ECL):	Listed or Exempt
Japanese Existing National Inventory of Chemical Substances (ENCS):	Listed or Exempt
Philippines Inventory of Chemicals and Chemical Substances (PICCS):	Listed or Exempt
Swiss Giftlist List of Toxic Substances:	Listed or Exempt
U.S. TSCA:	Listed

SECTION 16 - OTHER INFORMATION

PREPARED BY: Paul Eigbrett

MSDS Authoring Services

Disclaimer:

Although the information set forth herein is presented in good faith and believed to be correct as of the date of issuance, it has been furnished by our suppliers; consequently, Signature Systems Group, LLC makes no representations or warranties, express or implied, with respect to information herein presented. The information set forth herein is supplied upon the condition that the persons receiving same will make their own determination as to suitability for their purposes prior to use and relates only to the specific product described and not to such product in combination with any other product. In no event will Signature Systems Group, LLC be responsible for damages of any nature resulting from the use of or reliance upon this information.

MATERIAL SAFETY DATA SHEET

Prepared to U.S. OSHA, CMA, ANSI, Canadian WHMIS Standards, Australian WorkSafe, Japanese Industrial Standard JIS Z 7250:2000, and European Union standards



1. PRODUCT IDENTIFICATION

PRODUCT NAME: MegaDeck™
PRODUCT DESCRIPTION: Heavy-duty composite mat utilized for temporary roadways, work platforms, equipment staging, site access, ground and surface protection. The mats overlap and interlock creating a solid and safe surface capable of withstanding substantial loads. Each mat has an overall size of 14 ft / 4.267 m (L) x 7.5 ft / 2.286 m (W) x 4.25 in / 10.795 cm (D) and weighing approximately 1,222 lbs / 555.5 kg.

MANUFACTURER'S NAME: Signature Systems Group, LLC
ADDRESS: 50 East 42nd Street, 14th Floor, New York, NY 10017 USA
BUSINESS PHONE: 212-953-1116
BUSINESS FAX: 212-953-1117
WEBSITE: www.megadeckrigmats.com
DATE OF PREPARATION: February 17, 2012

2. HAZARD IDENTIFICATION

EU DANGEROUS PREPARATIONS DIRECTIVE (DPD) LABELING AND CLASSIFICATION: This product does not meet the definition of any hazard class, as defined by the European Union Council Directives 67/548/EEC, 1999/445/EC and (EC) 1272/2008.

Classification: Not Applicable
Safety Phrases: Not Applicable

Risk Phrases: Not Applicable
Annex II Hazard Symbol: Not Applicable

This product is classified as an "article" according to Title 29 of the Code of Federal Regulations, OSHA Part 1910.1200.

"Article means a manufactured item other than a fluid or particle, which is formed to a specific shape or design during manufacture which has end use function dependent in whole or in part upon its shape or design during end use, and which under normal conditions of use does not release more than very small quantities or trace amounts of a hazardous chemical, and does not pose a physical hazard or health risk to employees."

This product is odorless, stable, and poses no immediate hazard to health. However, respiratory, hand and eye protection may be needed to prevent excess exposure to airborne particulates if dust is produced by cutting or if dust is produced by any other operation, including removal.

HAZARDS DISCLOSURE: This product does not contain known hazardous materials as defined by the OSHA Hazard Communication Standard 29 CFR 1910.1200. As defined under Sara 311 and 312, this product does not contain known hazardous materials.

EMERGENCY OVERVIEW: MegaDeck™ is a finished product that is supplied in various sizes and shapes dependent on the application. **Health Hazards:** As a finished product is non-hazardous. This product may produce hazardous toxic fumes when heated to decomposition. **Flammability Hazards:** As supplied, this product is not combustible. **Reactivity Hazards:** None **Environmental Hazards:** None **Emergency Considerations:** Emergency responders must wear the proper personal protective equipment (and have appropriate fire-suppression equipment) suitable for the situation to which they are responding.

3. COMPOSITION and INFORMATION ON INGREDIENTS

Hazardous Ingredients:	CAS #	EINECS #	Hazard Symbol; Risk Phrases
HDPE	25213-02-9	Not Listed in ESIS	HAZARD CLASSIFICATION: NONE RISK PHRASES: NONE
LLDPE	25087-34-7	Not Listed in ESIS	HAZARD CLASSIFICATION: NONE RISK PHRASES: NONE

MATERIAL SAFETY DATA SHEET

Calcium Carbonate	471-34-1	207-439-9	HAZARD CLASSIFICATION: NONE RISK PHRASES: NONE
Anti-Stat	Not Available	Not Listed in ESIS	HAZARD CLASSIFICATION: NONE RISK PHRASES: NONE

Above ingredients are fully cross linked and thermally cured providing a non-hazardous finished product.

ALL WHMIS required information is included in appropriate sections based on the ANSI Z400.1-2010 format. This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all the information required by the CPR, EU Directives and the Japanese Industrial Standard *JIS Z 7250: 2000*.

4. FIRST-AID MEASURES

Contaminated individuals of chemical exposure must be taken for medical attention if any adverse effect occurs. Rescuers should be taken for medical attention, if necessary. Take copy of label and MSDS to health professional with contaminated individual.

SKIN EXPOSURE: Not expected as a result of exposure to finished product. If dust generated by cutting, sanding or grinding of this product contaminates the skin, wash with soap and water after handling or before eating or smoking. Remove exposed or contaminated clothing, taking care not to contaminate eyes. The contaminated individual should seek medical attention if any adverse effect occurs.

EYE EXPOSURE: Not expected as a result of exposure to finished product. If dust generated by cutting, sanding or grinding of this product enters the eyes, open contaminated individual's eyes while under gently running water. Use sufficient force to open eyelids. Have contaminated individual "roll" eyes. Minimum flushing is for 15 minutes. Contaminated individual should seek medical attention if irritation occurs.

INHALATION: Not expected as a result of exposure to finished product. If breathing becomes difficult remove contaminated individual to fresh air. Seek medical attention if breathing difficulties continues.

INGESTION: Routine installation of this product is not expected to cause any situation which could lead to ingestion. If a significant quantity of dust from this product is swallowed, CALL PHYSICIAN OR POISON CONTROL CENTER FOR MOST CURRENT INFORMATION.

If professional advice is not available, do not induce vomiting. Never induce vomiting or give diluents (milk or water) to someone who is unconscious, having convulsions, or unable to swallow.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Skin and respiratory disorders may be aggravated by prolonged overexposures to dusts generated by sawing, sanding, grinding or altering this product.

RECOMMENDATIONS TO PHYSICIANS: Treat symptoms and eliminate overexposure. .

5. FIRE-FIGHTING MEASURES

FLASH POINT: Above 400°C

AUTOIGNITION TEMPERATURE: Not Applicable

FLAMMABLE LIMITS (in air by volume, %): Lower NA Upper NA

FIRE EXTINGUISHING MATERIALS: Use fire extinguishing materials appropriate for surrounding fire including water spray (for cooling), dry extinguishing media, carbon dioxide, foam.

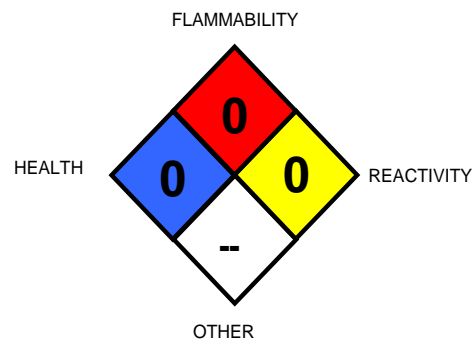
UNUSUAL FIRE AND EXPLOSION HAZARDS: This product has no unusual fire or explosion hazards.

Explosion Sensitivity to Mechanical Impact: Not Sensitive

Explosion Sensitivity to Static Discharge: Not Sensitive

SPECIAL FIRE-FIGHTING PROCEDURES: Incipient fire responders should wear eye protection. Structural firefighters must wear Self-Contained Breathing Apparatus and full protective equipment. Isolate materials not yet involved in the fire and protect personnel. Move containers from fire area if this can be done without risk; otherwise, cool with carefully applied water spray. If possible, prevent runoff water from entering storm drains, bodies of water, or other environmentally sensitive areas.

NFPA RATING



Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate
3 = Serious 4 = Severe

MATERIAL SAFETY DATA SHEET

6. ACCIDENTAL RELEASE MEASURES

SPILL AND LEAK RESPONSE: Pick-up for re-use or recycle.

7. HANDLING and STORAGE

WORK PRACTICES AND HYGIENE PRACTICES: Use appropriate personal protective equipment during handling. Protect against physical damage. Observe good hygiene practices.

STORAGE AND HANDLING PRACTICES: Store product in a cool, dry location, away from sources of intense heat.

8. EXPOSURE CONTROLS - PERSONAL PROTECTION

VENTILATION AND ENGINEERING CONTROLS: Use with adequate ventilation to ensure exposure levels are maintained below the limits provided below. Use local exhaust ventilation to control airborne dust.

EXPOSURE LIMITS/GUIDELINES:

<u>Chemical Name</u>	<u>ACGIH-TLV's</u>	<u>OSHA PEL's</u>	<u>NIOSH- TLV's</u>	<u>Other</u>
All components	NE	NE	NE	NE

Currently, International exposure limits are established for the components of this product. Please check with competent authority in each country for the most recent limits in place.

The following information on appropriate Personal Protective Equipment is provided to assist employers in complying with OSHA regulations found in 29 CFR Subpart I (beginning at 1910.132) or equivalent standard of Canada, or standards of EU member states (including EN 149 for respiratory PPE, and EN 166 for face/eye protection), and those of Japan. Please reference applicable regulations and standards for relevant details.

RESPIRATORY PROTECTION: Respiratory protection is not needed for finished product. If necessary, use only respiratory protection authorized in the U.S. Federal OSHA Respiratory Protection Standard (29 CFR 1910.134), equivalent U.S. State standards, Canadian CSA Standard Z94.4-93, the European Standard EN149, or EU member states. Oxygen levels below 19.5% are considered IDLH by OSHA. In such atmospheres, use of a full-facepiece pressure/demand SCBA or a full facepiece, supplied air respirator with auxiliary self-contained air supply is required under U.S. Federal OSHA's Respiratory Protection Standard (1910.134-1998) or the regulations of various U.S. States, Canada, EU Member States, or those of Japan. Air-purifying respirators with dust/mist/fume filters are recommended if operations may produce mists or sprays from this product.

EYE PROTECTION: Not needed for finished product. If necessary, refer to U.S. OSHA 29 CFR 1910.133, Canadian Standards, and the European Standard EN166, Australian Standards, or relevant Japanese Standards.

HAND PROTECTION: Not needed for finished product. If necessary, refer to U.S. OSHA 29 CFR 1910.138, the European Standard DIN EN 374, the appropriate Standards of Canada, Australian Standards, or relevant Japanese Standards.

BODY PROTECTION: Not needed during normal use. If necessary, refer to appropriate Standards of Canada, or appropriate Standards of the EU, Australian Standards, or relevant Japanese Standards. If a hazard of injury to the feet exists due to falling objects, rolling objects, where objects may pierce the soles of the feet or where employee's feet may be exposed to electrical hazards, use foot protection, as described in U.S. OSHA 29 CFR 1910.136.

9. PHYSICAL and CHEMICAL PROPERTIES

VAPOR DENSITY: Not Applicable

SPECIFIC GRAVITY @ 20°C: Not Applicable (water=1)

VAPOR PRESSURE, mm Hg @ 20°C (68°F): Not Applicable

ODOR THRESHOLD: No Odor

APPEARANCE, ODOR and COLOR: This product is a finished product in various sizes and colors

EVAPORATION RATE (n-BuAc=1): Not Applicable

WATER ABSORPTION: 0.0%

pH: Not Applicable

HARDNESS: Not Applicable

MATERIAL SAFETY DATA SHEET

10. STABILITY and REACTIVITY

STABILITY: Stable.

DECOMPOSITION PRODUCTS: May yield irritating gases with oxides of carbon. Toxic fumes and dark smoke yields when burnt.

MATERIALS WITH WHICH SUBSTANCE IS INCOMPATIBLE: None known

POSSIBILITY OF HAZARDOUS REACTIONS: Will not occur.

CONDITIONS TO AVOID: None known

11. TOXICOLOGICAL INFORMATION

TOXICITY DATA: The specific toxicology data available for components greater than 1% in concentration are as follows.
No Data Available

SUSPECTED CANCER AGENT: The components of these products are listed by agencies tracking the carcinogenic potential of chemical compounds as follows: None

IRRITANCY OF PRODUCT: None known.

SENSITIZATION TO THE PRODUCT: These products are not known to cause human skin or respiratory sensitization.

12. ECOLOGICAL INFORMATION

ALL WORK PRACTICES MUST BE AIMED AT ELIMINATING ENVIRONMENTAL CONTAMINATION.

PERSISTENCE/DEGRADABILITY: No data for this product.

ENVIRONMENTAL STABILITY: Controls should be engineered to prevent release to the environment, including procedures to prevent spills, atmospheric release and release to waterways

BIOACCUMULATION/ACCUMULATION: Not applicable for this product.

13. DISPOSAL CONSIDERATIONS

PREPARING WASTES FOR DISPOSAL: Waste disposal must be in accordance with appropriate U.S. Federal, State, and local regulations, those of Canada, Australia, EU Member States and Japan.

14. TRANSPORTATION INFORMATION

US DOT, IATA, IMO, ADR:

U.S. DEPARTMENT OF TRANSPORTATION (DOT) SHIPPING REGULATIONS: This product is not classified as dangerous goods, per U.S. DOT regulations, under 49 CFR 172.101. Non-Regulated

TRANSPORT CANADA, TRANSPORTATION OF DANGEROUS GOODS REGULATIONS: These products are not classified as Dangerous Goods, per regulations of Transport Canada.

INTERNATIONAL AIR TRANSPORT ASSOCIATION (IATA): These products are not classified as Dangerous Goods, by rules of IATA:

INTERNATIONAL MARITIME ORGANIZATION (IMO) DESIGNATION: These products are not classified as Dangerous Goods by the International Maritime Organization.

EUROPEAN AGREEMENT CONCERNING THE INTERNATIONAL CARRIAGE OF DANGEROUS GOODS BY ROAD (ADR): These products are not classified by the United Nations Economic Commission for Europe to be dangerous goods

15. REGULATORY INFORMATION

UNITED STATES REGULATIONS:

U.S. SARA REPORTING REQUIREMENTS: The components of these products are not subject to the reporting requirements of Sections 302, 304, and 313 of Title III of the Superfund Amendments and Reauthorization Act.

MATERIAL SAFETY DATA SHEET

U.S. SARA THRESHOLD PLANNING QUANTITY: There are no specific Threshold Planning Quantities for any component of these products. The default Federal MSDS submission and inventory requirement filing threshold of 10,000 lb (4,540 kg) therefore applies, per 40 CFR 370.20.

U.S. CERCLA REPORTABLE QUANTITY (RQ): Not applicable.

U.S. TSCA INVENTORY STATUS: The components of these products are listed in the TSCA Inventory.

CALIFORNIA SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT (PROPOSITION 65): The following components present in this product are on the California Proposition 65 list. None

CANADIAN REGULATIONS:

CANADIAN DSL/NDL INVENTORY STATUS: The components of this product are on the DSL Inventory, or are exempted from listing.

CANADIAN ENVIRONMENTAL PROTECTION ACT (CEPA) PRIORITIES SUBSTANCES LISTS: No component of this product is on the CEPA First Priorities Substance Lists.

CANADIAN WHMIS CLASSIFICATION and SYMBOLS: Not Controlled

EUROPEAN ECONOMIC COMMUNITY INFORMATION:

See section 2

AUSTRALIAN INFORMATION FOR PRODUCT:

AUSTRALIAN INVENTORY OF CHEMICAL SUBSTANCES (AICS) STATUS: The components of this product are listed on the AICS.

STANDARD FOR THE UNIFORM SCHEDULING OF DRUGS AND POISONS: Not applicable.

JAPANESE INFORMATION FOR PRODUCT:

JAPANESE MINISTER OF INTERNATIONAL TRADE AND INDUSTRY (MITI) STATUS: The components of this product are not listed as Class I Specified Chemical Substances, Class II Specified Chemical Substances, or Designated Chemical Substances by the Japanese MITI.

16. OTHER INFORMATION

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MSDS Authoring Services

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