

Revision Date: 4/14/2016 Watco Industrial Flooring Multi Component Product Information Sheet

A070861 Concrex Tinted - Tile Red is a multi component product composed of the following individual chemical components:

WT3120360A1W Concrex Tinted - Tile Red - Curing Agent

WT5000002K8W Concrex Resin Blend

SDSs for each component follow this cover sheet.

Transportation Information

	Domestic (USDOT)	International (IMDG)	<u>Air (IATA)</u>	TDG (Canada)
UN Number:	2735	2735	2735	2735
Proper Shipping Name:	Amines, liquid, corrosive, n.o.s. (m- fenilenbis(methylamine))	Amines, liquid, corrosive, n.o.s. (m-fenilenbis (methylamine))	Amines, liquid, corrosive, n.o.s. (m- fenilenbis (methylamine))	Amines, liquid, corrosive, n.o.s. (m- fenilenbis (methylamine))
Hazard Class:	8	8	8	8
Packing Group:	III	III	III	III
Limited Quantity:	Yes	Yes	No	Yes

Finished Good Schedule B Harmonized Tariff Code 3209.90.0000

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Safety Data Sheet



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1. Identification

Product Name: Concrex Tinted - Tile Red - Curing Agent Revision Date: 4/14/2016

Product Identifier: WT3120360A1W Supercedes Date: 4/10/2016

Product Use/Class: No Information

Supplier: Watco Industrial Flooring Manufacturer: Watco Industrial Flooring

11 Hawthorn Parkway
Vernon Hills, IL 60061

11 Hawthorn Parkway
Vernon Hills, IL 60061

USA

USA

Preparer: Regulatory Department

Emergency Telephone: 24 Hour Hotline: 847-367-7700

2. Hazard Identification

Classification

Symbol(s) of Product



Signal Word Danger

Possible Hazards

6% of the mixture consists of ingredient(s) of unknown acute toxicity.

GHS HAZARD STATEMENTS

Skin Irritation, category 2 H315 Causes skin irritation.

Skin Sensitizer, category 1 H317 May cause an allergic skin reaction. Serious Eye Damage, category 1 H318 Causes serious eye damage.

Acute Toxicity, Inhalation, category 4 H332 Harmful if inhaled.

STOT, single exposure, category 3, RTI H335 May cause respiratory irritation.

GHS LABEL PRECAUTIONARY STATEMENTS

P261 Avoid breathing dust, fumes, gases, mists, vapors, or spray.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P302+P352 IF ON SKIN: Wash with plenty of soap and water.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if

present and easy to do. Continue rinsing.

P310 Immediately call a POISON CENTER or doctor/physician.
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

P362 Take off contaminated clothing.

P403+P233 Store in a well-ventilated place. Keep container tightly closed.

GHS SDS PRECAUTIONARY STATEMENTS

P363 Wash contaminated clothing before reuse.

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3. Composition/Information On Ingredients

HAZARDOUS SUBSTANCES

<u>Chemical Name</u>	CAS-No.	Wt.% Range	GHS Symbols	GHS Statements
Tall Oil Fatty Acids, Reaction Products with Tetraethylene Pentamine	68953-36-6	50-75	GHS07	H302-312-315-317-319-335
Benzyl Alcohol	100-51-6	2.5-10	GHS07	H302-312-332
Aliphatic Amine	PROPRIET ARY	2.5-10	Not Available	Not Available
Benzene-1,3-dimethaneamine (MXDA)	1477-55-0	2.5-10	GHS05-GHS06	H302-312-314-317-330
Tetraethylenepentamine	112-57-2	2.5-10	GHS05-GHS06	H311-314-317

4. First-aid Measures

FIRST AID - EYE CONTACT: Immediately flush eyes with plenty of water for at least 15 minutes holding eyelids open. Get medical attention. Do NOT allow rubbing of eyes or keeping eyes closed.

FIRST AID - SKIN CONTACT: Wash skin with soap and water. Remove contaminated clothing. Get medical attention if irritation develops or persists.

FIRST AID - INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention. Do NOT use mouth-to-mouth resuscitation. If you experience difficulty in breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical assistance immediately.

FIRST AID - INGESTION: If swallowed, rinse mouth with water. If feeling unwell, get medical attention. Swallowing less than an ounce will not cause significant harm. For larger amounts, do not induce vomiting, but give one or two glasses of water to drink and get medical attention.

5. Fire-fighting Measures

EXTINGUISHING MEDIA: Alcohol Film Forming Foam, Carbon Dioxide, Dry Chemical, Dry Sand, Water Fog

UNUSUAL FIRE AND EXPLOSION HAZARDS: Keep containers tightly closed. FLASH POINT IS TESTED TO BE GREATER THAN 200 DEGREES F. No unusual fire or explosion hazards noted.

SPECIAL FIREFIGHTING PROCEDURES: Water may be used to cool closed containers to prevent buildup of steam. If water is used, fog nozzles are preferred.

6. Accidental Release Measures

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: If spilled, contain spilled material and remove with inert absorbent. Dispose of contaminated absorbent, container, and unused contents in accordance with local, state, and federal regulations. Do not incinerate closed containers

7. Handling and Storage

HANDLING: Wash thoroughly after handling. Wash hands before eating. Remove contaminated clothing and launder before reuse. Use only with adequate ventilation. Follow all MSDS/label precautions even after container is emptied because it may retain product residues. Avoid breathing fumes, vapors, or mist. Avoid contact with eyes, skin and clothing.

STORAGE: Store in a dry, well ventilated place. Keep container tightly closed when not in use.

8. Exposure Controls/Personal Protection

Chemical Name CAS-No.	Weight % Less Than	ACGIH TLV- TWA	ACGIH TLV- STEL	OSHA PEL-TWA	OSHA PEL- CEILING
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T II O'I E II A II B II						
Tall Oil Fatty Acids, Reaction						
Products with Tetraethylene	68953-36-6	55.0	N.E.	N.E.	N.E.	N.E.
Pentamine						
Benzyl Alcohol	100-51-6	10.0	N.E.	N.E.	N.E.	N.E.
Aliphatic Amine	PROPRIETARY	10.0	N.E.	N.E.	N.E.	N.E.
Benzene-1,3-dimethaneamine	1477 55 0	F 0	NE	NE	NE	NE
(MXDA)	1477-55-0	5.0	N.E.	N.E.	N.E.	N.E.
Tetraethylenepentamine	112-57-2	5.0	N.E.	N.E.	N.E.	N.E.

PERSONAL PROTECTION

ENGINEERING CONTROLS: Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Prevent build-up of vapors by opening all doors and windows to achieve cross-ventilation

RESPIRATORY PROTECTION: A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.

SKIN PROTECTION: Use gloves to prevent prolonged skin contact. Nitrile or Neoprene gloves may afford adequate skin protection.

EYE PROTECTION: Use safety eyewear designed to protect against splash of liquids.

OTHER PROTECTIVE EQUIPMENT: Refer to safety supervisor or industrial hygienist for further guidance regarding types of personal protective equipment and their applications.

HYGIENIC PRACTICES: Wash thoroughly with soap and water before eating, drinking or smoking. Remove contaminated clothing immediately and launder before reuse.

9. Physical and Chemical Properties

Appearance:LiquidPhysical State:LiquidOdor:Solvent LikeOdor Threshold:N.E.Relative Density:0.345pH:N.A.

Freeze Point, °C: N.D. Viscosity: No Information

Solubility in Water: Slight Partition Coefficient, n-octanol/

Decompostion Temp., °C: N.D. water:

Boiling Range, °C: -18 - 204 Explosive Limits, vol%: N.A. - N.A.

Flammability:Does not Support CombustionFlash Point, °C:113Evaporation Rate:Slower than EtherAuto-ignition Temp., °C:N.D.Vapor Density:Heavier than AirVapor Pressure:N.D.

(See "Other information" Section for abbreviation legend)

10. Stability and Reactivity

CONDITIONS TO AVOID: Avoid contact with strong acid and strong bases.

INCOMPATIBILITY: Incompatible with strong oxidizing agents, strong acids and strong alkalies.

HAZARDOUS DECOMPOSITION: When heated to decomposition, it emits acrid smoke and irritating fumes.

HAZARDOUS POLYMERIZATION: Will not occur under normal conditions.

STABILITY: This product is stable under normal storage conditions.

11. Toxicological information

EFFECTS OF OVEREXPOSURE - EYE CONTACT: Irritating, and may injure eye tissue if not removed promptly. Extremely irritating to the eyes and may cause severe damage, including blindness.

EFFECTS OF OVEREXPOSURE - SKIN CONTACT: Contact causes severe skin irritation and possible burns. Low hazard for usual industrial handling or commercial handling by trained personnel.

EFFECTS OF OVEREXPOSURE - INHALATION: Harmful if inhaled. High gas, vapor, mist or dust concentrations may be harmful if inhaled. Avoid breathing fumes, spray, vapors, or mist. High vapor concentrations are irritating to the eyes, nose, throat and lungs.

EFFECTS OF OVEREXPOSURE - INGESTION: Substance may be harmful if swallowed.

EFFECTS OF OVEREXPOSURE - CHRONIC HAZARDS: No Information

PRIMARY ROUTE(S) OF ENTRY: Eye Contact, Ingestion, Inhalation, Skin Absorption, Skin Contact

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ACUTE TOXICITY VALUES

The acute effects of this product have not been tested. Data on individual components are tabulated below:

CAS-No.	Chemical Name	Oral LD50	Dermal LD50	Vapor LC50
68953-36-6	Tall Oil Fatty Acids, Reaction Products with Tetraethylene Pentamine	1600 mg/kg Rat	1700 mg/kg Rat	25 mg/L
100-51-6	Benzyl Álcohol	1230 mg/kg Rat	2000 mg/kg Rabbit	11 mg/L Rat
1477-55-0 112-57-2	Benzene-1,3-dimethaneamine (MXDA) Tetraethylenepentamine	660 mg/kg Rat 3990 mg/kg Rat	2000 mg/kg Rabbit 659 mg/kg Rabbit	1.34 mg/L Rat 2500 mg/L

N.I. - No Information

12. Ecological Information

ECOLOGICAL INFORMATION: Product is a mixture of listed components.

13. Disposal Information

DISPOSAL INFORMATION: Dispose of material in accordance to local, state, and federal regulations and ordinances. Do not allow to enter waterways, wastewater, soil, storm drains or sewer systems.

14. Transport Information

14. Handport information								
	Domestic (USDOT)	International (IMDG)	<u>Air (IATA)</u>	TDG (Canada)				
UN Number:	2735	2735	2735	2735				
Proper Shipping Name:	Amines, liquid, corrosive, n.o.s. (m- fenilenbis (methylamine))	Amines, liquid, corrosive, n.o.s. (m-fenilenbis (methylamine))	Amines, liquid, corrosive, n.o.s. (m- fenilenbis (methylamine))	Amines, liquid, corrosive, n.o.s. (m- fenilenbis (methylamine))				
Hazard Class:	8	8	8	8				
Packing Group:	III	III	III	III				
Limited Quantity:	Yes	Yes	No	Yes				

15. Regulatory Information

U.S. Federal Regulations:

CERCLA - SARA Hazard Category

This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

Fire Hazard, Reactive Hazard, Acute Health Hazard, Chronic Health Hazard

Sara Section 313:

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR part 372:

No Sara 313 components exist in this product.

Toxic Substances Control Act:

This product contains the following chemical substances subject to the reporting requirements of TSCA 12(b) if exported from the United States:

No TSCA 12(b) components exist in this product.

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16. Other Information

HMIS RATINGS

Health: 2* Flammability: 1 Physical Hazard: 0 Personal Protection: X

NFPA RATINGS

Health: 2 Flammability: 1 Instability 0

VOLATILE ORGANIC COMPOUNDS, g/L: 28

SDS REVISION DATE: 4/14/2016

REASON FOR REVISION: Substance and/or Product Properties Changed in Section(s):

14 - Transport Information

Legend: N.A. - Not Applicable, N.E. - Not Established, N.D. - Not Determined

The manufacturer believes, to the best of its knowledge, information and belief, the information contained herein to be accurate and reliable as of the date of this safety data sheet. However, because the conditions of handling, use, and storage of these materials are beyond our control, we assume no responsibility or liability for personal injury or property damage incurred by the use of these materials. The manufacturer makes no warranty, expressed or implied, regarding the accuracy or reliability of the data or results obtained from their use. All materials may present unknown hazards and should be used with caution. The information and recommendations in this material safety data sheet are offered for the users' consideration and examination. It is the responsibility of the user to determine the final suitability of this information and to comply with all applicable international, federal, state, and local laws and regulations.

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Safety Data Sheet



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1. Identification

Product Name: Concrex Resin Blend Revision Date: 4/10/2016

Product Identifier: WT5000002K8W Supercedes Date: New SDS

Product Use/Class: No Information

Supplier: Watco Industrial Flooring Manufacturer: Watco Industrial Flooring

11 Hawthorn Parkway Vernon Hills, IL 60061

USA

Supplier: Watco Industrial Flooring
11 Hawthorn Parkway
Vernon Hills, IL 60061

USA

Preparer: Regulatory Department

Emergency Telephone: 24 Hour Hotline: 847-367-7700

2. Hazard Identification

Classification

Symbol(s) of Product



Signal Word Warning

GHS HAZARD STATEMENTS

Skin Sensitizer, category 1 H317 May cause an allergic skin reaction.

GHS LABEL PRECAUTIONARY STATEMENTS

P261 Avoid breathing dust, fumes, gases, mists, vapors, or spray.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P302+P352 IF ON SKIN: Wash with plenty of soap and water.

P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

GHS SDS PRECAUTIONARY STATEMENTS

P363 Wash contaminated clothing before reuse.

3. Composition/Information On Ingredients

HAZARDOUS SUBSTANCES

<u>Chemical Name</u>	CAS-No.	Wt.% Range	GHS Symbols	GHS Statements
Crystalline Silica / Quartz	14808-60-7	75-100	Not Available	Not Available
Epichlorohydrin-bisphenol A resin	25068-38-6	2.5-10	GHS07	H315-317-319-335
Phenol, Polymer with Formaldehyde, Glycidyl Ether	28064-14-4	1.0-2.5	Not Available	Not Available

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4. First-aid Measures

FIRST AID - EYE CONTACT: Immediately flush eyes with plenty of water for at least 15 minutes holding eyelids open. Get medical attention. Do NOT allow rubbing of eyes or keeping eyes closed.

FIRST AID - SKIN CONTACT: Wash skin with soap and water. Remove contaminated clothing. Get medical attention if irritation develops or persists.

FIRST AID - INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention. Do NOT use mouth-to-mouth resuscitation. If you experience difficulty in breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical assistance immediately.

FIRST AID - INGESTION: If swallowed, rinse mouth with water. If feeling unwell, get medical attention. Swallowing less than an ounce will not cause significant harm. For larger amounts, do not induce vomiting, but give one or two glasses of water to drink and get medical attention.

5. Fire-fighting Measures

EXTINGUISHING MEDIA: Alcohol Film Forming Foam, Carbon Dioxide, Dry Chemical, Dry Sand, Water Fog

UNUSUAL FIRE AND EXPLOSION HAZARDS: Keep containers tightly closed. FLASH POINT IS TESTED TO BE GREATER THAN 200 DEGREES F. No unusual fire or explosion hazards noted.

SPECIAL FIREFIGHTING PROCEDURES: Water may be used to cool closed containers to prevent buildup of steam. If water is used, fog nozzles are preferred.

Accidental Release Measures

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: If spilled, contain spilled material and remove with inert absorbent. Dispose of contaminated absorbent, container, and unused contents in accordance with local, state, and federal regulations. Do not incinerate closed containers

7. Handling and Storage

HANDLING: Wash thoroughly after handling. Wash hands before eating. Remove contaminated clothing and launder before reuse. Use only with adequate ventilation. Follow all MSDS/label precautions even after container is emptied because it may retain product residues. Avoid breathing fumes, vapors, or mist. Avoid contact with eyes, skin and clothing.

STORAGE: Store in a dry, well ventilated place. Keep container tightly closed when not in use.

8. Exposure Controls/Personal Protection

Chemical Name	CAS-No.	Weight % Less Than	ACGIH TLV- TWA	ACGIH TLV- STEL	OSHA PEL-TWA	OSHA PEL- CEILING
Crystalline Silica / Quartz	14808-60-7	95.0	0.025 mg/m3	N.E.	N.E.	N.E.
Epichlorohydrin-bisphenol A resin	25068-38-6	5.0	N.E.	N.E.	N.E.	N.E.
Phenol, Polymer with Formaldehyde, Glycidyl Ether	28064-14-4	5.0	N.E.	N.E.	N.E.	N.E.

PERSONAL PROTECTION

ENGINEERING CONTROLS: Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Prevent build-up of vapors by opening all doors and windows to achieve crossventilation.

RESPIRATORY PROTECTION: A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.

SKIN PROTECTION: Use gloves to prevent prolonged skin contact. Nitrile or Neoprene gloves may afford adequate skin protection.

EYE PROTECTION: Use safety eyewear designed to protect against splash of liquids.

OTHER PROTECTIVE EQUIPMENT: Refer to safety supervisor or industrial hygienist for further guidance regarding types of personal protective equipment and their applications.

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HYGIENIC PRACTICES: Wash thoroughly with soap and water before eating, drinking or smoking. Remove contaminated clothing immediately and launder before reuse.

9. Physical and Chemical Properties

Appearance:LiquidPhysical State:LiquidOdor:Solvent LikeOdor Threshold:N.E.Relative Density:2.396pH:N.A.

Freeze Point, °C: N.D. Viscosity: No Information

Solubility in Water: Slight Partition Coefficient, n-octanol/

Decompostion Temp., °C: N.D. water: N.D.

Boiling Range, °C: 200 - 250 Explosive Limits, vol%: N.A. - N.A.

Flammability: Does not Support Combustion Flash Point, °C: 151

Evaporation Rate: Slower than Ether Auto-ignition Temp., °C: N.D.

Vapor Density: Heavier than Air Vapor Pressure: N.D.

(See "Other information" Section for abbreviation legend)

10. Stability and Reactivity

CONDITIONS TO AVOID: Avoid contact with strong acid and strong bases.

INCOMPATIBILITY: Incompatible with strong oxidizing agents, strong acids and strong alkalies.

HAZARDOUS DECOMPOSITION: When heated to decomposition, it emits acrid smoke and irritating fumes.

HAZARDOUS POLYMERIZATION: Will not occur under normal conditions.

STABILITY: This product is stable under normal storage conditions.

11. Toxicological information

EFFECTS OF OVEREXPOSURE - EYE CONTACT: Irritating, and may injure eye tissue if not removed promptly.

EFFECTS OF OVEREXPOSURE - SKIN CONTACT: Low hazard for usual industrial handling or commercial handling by trained personnel.

EFFECTS OF OVEREXPOSURE - INHALATION: High gas, vapor, mist or dust concentrations may be harmful if inhaled. Avoid breathing fumes, spray, vapors, or mist.

EFFECTS OF OVEREXPOSURE - INGESTION: Substance may be harmful if swallowed.

EFFECTS OF OVEREXPOSURE - CHRONIC HAZARDS: No Information

PRIMARY ROUTE(S) OF ENTRY: Eye Contact, Ingestion, Inhalation, Skin Absorption, Skin Contact

ACUTE TOXICITY VALUES

The acute effects of this product have not been tested. Data on individual components are tabulated below:

CAS-No.	Chemical Name	Oral LD50	Dermal LD50	Vapor LC50
14808-60-7	Crystalline Silica / Quartz	5500 mg/kg Rat	5500	100 mg/L
25068-38-6	Epichlorohydrin-bisphenol A resin	11400 mg/kg Rat	>5000	25 g/L

N.I. - No Information

12. Ecological Information

ECOLOGICAL INFORMATION: Product is a mixture of listed components.

13. Disposal Information

DISPOSAL INFORMATION: Dispose of material in accordance to local, state, and federal regulations and ordinances. Do not allow to enter waterways, wastewater, soil, storm drains or sewer systems.

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14. Transport Information

Domestic (USDOT) International (IMDG) Air (IATA) TDG (Canada)
UN Number: N.A. N.A. N.A. N.A. N.A.

Proper Shipping Name: Not Regulated Not Regulated Not Regulated Not Regulated

Hazard Class:N.A.N.A.N.A.N.A.Packing Group:N.A.N.A.N.A.N.A.Limited Quantity:NoNoNoNo

15. Regulatory Information

U.S. Federal Regulations:

CERCLA - SARA Hazard Category

This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

Acute Health Hazard, Chronic Health Hazard

Sara Section 313:

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR part 372:

No Sara 313 components exist in this product.

Toxic Substances Control Act:

This product contains the following chemical substances subject to the reporting requirements of TSCA 12(b) if exported from the United States:

No TSCA 12(b) components exist in this product.

16. Other Information

HMIS RATINGS

Health: 2* Flammability: 1 Physical Hazard: 0 Personal Protection: X

NFPA RATINGS

Health: 2 Flammability: 1 Instability 0

VOLATILE ORGANIC COMPOUNDS, g/L: 0

SDS REVISION DATE: 4/10/2016

REASON FOR REVISION:

Legend: N.A. - Not Applicable, N.E. - Not Established, N.D. - Not Determined

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The manufacturer believes, to the best of its knowledge, information and belief, the information contained herein to be accurate and reliable as of the date of this safety data sheet. However, because the conditions of handling, use, and storage of these materials are beyond our control, we assume no responsibility or liability for personal injury or property damage incurred by the use of these materials. The manufacturer makes no warranty, expressed or implied, regarding the accuracy or reliability of the data or results obtained from their use. All materials may present unknown hazards and should be used with caution. The information and recommendations in this material safety data sheet are offered for the users' consideration and examination. It is the responsibility of the user to determine the final suitability of this information and to comply with all applicable international, federal, state, and local laws and regulations.