

Tier II Emergency and Hazardous Chemical Inventory

Facility Name: Engineered Materials Solutions, LLC Facility ID: 3873

Reporting Period From January 1, 2019 to December 31, 2019

☒ Annual ☐ Update ☐ Revised ☐ Facility Information has changed from the last submission

Facility Identification Facility ID: 3873 Facility Name: Engineered Materials Solutions, LLC Maximum Occupants: 200 Physical Location: 39 Perry Avenue, Attleboro, MA 02703 County: Bristol County Fire Department: 508-342-2100 Phone: <input checked="" type="checkbox"/> Manned <input type="checkbox"/> Unmanned Email: solutions@emsciad.com FTE: 300				Owner/Operator Details Name: Engineered Materials Solutions LLC Address: 39 Perry Avenue, Attleboro, MA 02703, United States Phone: 508-342-2100 Email: solutions@emsciad.com					
Parent Company Details Name: Engineered Materials Solutions, LLC Dun and Brad No: 002316342 Address: 39 Perry Avenue, Attleboro, MA 02703, United States Phone: 508-342-2100 Email: solutions@emsciad.com									
Tier II Information Contact Name: Michael Karavolis Title: Safety and Health Manager Phone: 508-342-2115 Email: mkaravolis@emsciad.com				24 Hr. Phone: 508-954-3490					
Subject to EPCRA Section 312 (Annual Inventory)? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Subject to Emergency Planning under Section 302 of EPCRA (40 CFR part 355)? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Subject to Section 112r of Clean Air Act (CAA)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No RMP Facility ID: Subject to EPCRA Section 313 (Toxic Release Inventory - TRI)? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No TRI Facility ID: 02703NGNRD39PER									
Mailing Address Company Name: Engineered Materials Solutions, LLC Attention: Safety and Health Manager Street Address 1: 39 Perry Avenue Street Address 2: City: Attleboro Zip: 02703 State: MA Country: United States Phone: 508-342-2100				Facility Emergency Planning Coordinator Name: Michael Karavolis Title: Safety and Health Manager Phone: 508-342-2115 Email: mkaravolis@emsciad.com 24 Hr. Phone: 508-954-3490					
Emergency Contacts									
Name Michael Karavolis Fred Hall		Title Safety and Health Manager Facilities Manager		Phone 508-342-2115 508-342-2273		24 Hr. Phone 508-954-3490 508-328-5934		Email mkaravolis@emsciad.com fhall@emsciad.com	
Certification: I certify under penalty of law that I have personally examined and am familiar with the information submitted in pages one through 8, and that based on my inquiry of those individuals responsible for obtaining the information, I believe that the submitted information is true, accurate and complete. Michael Karavolis, Safety and Health Manager 2/15/2020 10:59:10 AM Date Signed 508-342-2115 Telephone Number Signature Michael Karavolis									
Optional Attachments <input checked="" type="checkbox"/> Site Plan <input type="checkbox"/> Site Coordinate Abbreviations <input type="checkbox"/> Other Safeguard measures <input type="checkbox"/> Facility Emergency Response Plan									

Tier II Emergency and Hazardous Chemical Inventory

Facility Name: Engineered Materials Solutions, LLC **Facility ID:** 3873
Reporting Period From January 1, 2019 to December 31, 2019

Chemical Description		Physical Hazards		Health Hazards													
Chemical ID: 165762 Check if Chemical Information is changed from the last submission: <input type="checkbox"/> CAS #: 7647-01-0 Trade Secret: <input type="checkbox"/> Chemical Name: HYDROCHLORIC ACID EHS: <input type="checkbox"/> Contains EHS: <input type="checkbox"/> Exceeds TPO: <input type="checkbox"/> EHS Name: <input type="checkbox"/> Pure <input checked="" type="checkbox"/> Mix <input type="checkbox"/> Solid <input checked="" type="checkbox"/> Liquid <input type="checkbox"/> Gas <u>MSDS /SDS</u> Chemical Added On: Check if the chemical is below reporting threshold: <input checked="" type="checkbox"/>	<input type="checkbox"/> Combustible dust <input checked="" type="checkbox"/> Corrosive to metal <input type="checkbox"/> Explosive <input type="checkbox"/> Flammable (gases, aerosols, liquids, or solids) <input type="checkbox"/> Gas under pressure <input type="checkbox"/> Hazard Not Otherwise Classified (HNOC) <input type="checkbox"/> In contact with water emits flammable gas <input type="checkbox"/> Organic peroxide <input type="checkbox"/> Oxidizer (liquid, solid or gas) <input type="checkbox"/> Pyrophoric (liquid or solid) <input type="checkbox"/> Pyrophoric gas <input type="checkbox"/> Self-heating <input type="checkbox"/> Self-reactive	<input type="checkbox"/> Acute toxicity (any route of exposure) <input checked="" type="checkbox"/> Aspiration hazard <input type="checkbox"/> Carcinogenicity <input type="checkbox"/> Germ cell mutagenicity <input type="checkbox"/> Hazard Not Otherwise Classified (HNOC) <input type="checkbox"/> Reproductive toxicity <input type="checkbox"/> Respiratory or skin sensitization <input checked="" type="checkbox"/> Serious eye damage or eye irritation <input type="checkbox"/> Simple asphyxiant <input checked="" type="checkbox"/> Skin corrosion or irritation <input type="checkbox"/> Specific target organ toxicity (single or repeated exposure)															
<div>Inventory</div> <div>Storage Codes & Location</div> <table border="1"> <thead> <tr> <th>Container Type</th> <th>Pressure</th> <th>Temperature</th> <th>Storage Location</th> <th>Description</th> <th>Max Amt At Location(lbs)</th> </tr> </thead> <tbody> <tr> <td>[A]Above ground tank</td> <td>[1]Ambient pressure</td> <td>[4]Ambient temperature</td> <td>At waste water treatment plant</td> <td></td> <td></td> </tr> </tbody> </table>						Container Type	Pressure	Temperature	Storage Location	Description	Max Amt At Location(lbs)	[A]Above ground tank	[1]Ambient pressure	[4]Ambient temperature	At waste water treatment plant		
Container Type	Pressure	Temperature	Storage Location	Description	Max Amt At Location(lbs)												
[A]Above ground tank	[1]Ambient pressure	[4]Ambient temperature	At waste water treatment plant														
Max Daily Amt (lbs): 7750 Max Daily Amt Code: 05 Avg Daily Amt (lbs): 3500 Avg Daily Amt Code: 04 Max Amt in Largest Container (lbs): No of days onsite: 365																	

Tier II Emergency and Hazardous Chemical Inventory

Facility Name: Engineered Materials Solutions, LLC Facility ID: 3873
Reporting Period From January 1, 2019 to December 31, 2019

SHIPMENT DETAILS

Mode of Shipment:	Tank Trucks	Maximum Capacity Per Vessel:	7750	Carrier:	PVS Minibulk
Shipment Frequency Count:	1	Maximum Shipment Quantity at One Time:	7000	Carrier Address:	3134 Post Road, Warwick, RI 02886-
Shipment Frequency Period:	Month	Average Annual Shipment Quantity:	5000	Carrier Phone:	888-711-3445
Physical State In Transit:	Liquid	Routes of Travel:	Rt 95 North to Rt 123 to Engineered Materials Solutions		

MIXTURE COMPONENTS

Chemical Name	%	CAS #	EHS	EHS Name	Max Daily Amount (lbs)	Max Daily Amount Code
Water	67	7732-18-5	<input type="checkbox"/>		5192.5	05

Chemical Description	Physical Hazards	Health Hazards												
Chemical ID: 165763 Check if Chemical Information is changed from the last submission: <input checked="" type="checkbox"/> CAS #: 1333-74-0 Trade Secret: <input type="checkbox"/> Chemical Name: HYDROGEN, [REFRIGERATED LIQUID] EHS: <input type="checkbox"/> Contains EHS: <input type="checkbox"/> Exceeds TPQ: <input type="checkbox"/> EHS Name: <input type="checkbox"/> Pure <input type="checkbox"/> Mix <input type="checkbox"/> Solid <input checked="" type="checkbox"/> Liquid <input checked="" type="checkbox"/> Gas <u>MSDS</u> Chemical Added On: <u>SDS</u> Check if the chemical is below reporting threshold: <input checked="" type="checkbox"/>	<input type="checkbox"/> Combustible dust <input type="checkbox"/> Corrosive to metal <input type="checkbox"/> Explosive <input checked="" type="checkbox"/> Flammable (gases, aerosols, liquids, or solids) <input checked="" type="checkbox"/> Gas under pressure <input type="checkbox"/> Hazard Not Otherwise Classified (HNOC) <input type="checkbox"/> In contact with water emits flammable gas <input type="checkbox"/> Organic peroxide <input type="checkbox"/> Oxidizer (liquid, solid or gas) <input type="checkbox"/> Pyrophoric (liquid or solid) <input type="checkbox"/> Pyrophoric gas <input type="checkbox"/> Self-heating <input type="checkbox"/> Self-reactive	<input type="checkbox"/> Acute toxicity (any route of exposure) <input type="checkbox"/> Aspiration hazard <input type="checkbox"/> Carcinogenicity <input type="checkbox"/> Germ cell mutagenicity <input type="checkbox"/> Hazard Not Otherwise Classified (HNOC) <input type="checkbox"/> Reproductive toxicity <input type="checkbox"/> Respiratory or skin sensitization <input type="checkbox"/> Serious eye damage or eye irritation <input checked="" type="checkbox"/> Simple asphyxiant <input type="checkbox"/> Skin corrosion or irritation <input type="checkbox"/> Specific target organ toxicity (single or repeated exposure)												
Inventory														
Storage Codes & Location														
Max Daily Amt (lbs): 5350 Max Daily Amt Code: 05 Avg Daily Amt (lbs): 2500 Avg Daily Amt Code: 04 Max Amt in Largest Container (lbs): 5350 No of days onsite: 365	<table border="1"> <thead> <tr> <th>Container Type</th> <th>Pressure</th> <th>Temperature</th> <th>Storage Location</th> <th>Description</th> <th>Max Amt At Location(lbs)</th> </tr> </thead> <tbody> <tr> <td>[A]Above ground tank</td> <td>[2]Greater than ambient pressure</td> <td>[7]Cryogenic conditions</td> <td>External to building</td> <td></td> <td></td> </tr> </tbody> </table>	Container Type	Pressure	Temperature	Storage Location	Description	Max Amt At Location(lbs)	[A]Above ground tank	[2]Greater than ambient pressure	[7]Cryogenic conditions	External to building			
Container Type	Pressure	Temperature	Storage Location	Description	Max Amt At Location(lbs)									
[A]Above ground tank	[2]Greater than ambient pressure	[7]Cryogenic conditions	External to building											

Tier II Emergency and Hazardous Chemical Inventory

Facility Name: Engineered Materials Solutions, LLC Facility ID: 3873
Reporting Period From January 1, 2019 to December 31, 2019

SHIPMENT DETAILS

Mode of Shipment:	Tank Trucks	Maximum Capacity Per Vessel:	5000	Carrier:	Merrill Canada
Shipment Frequency Count:	2	Maximum Shipment Quantity at One Time:	4720	Carrier Address:	1980 Rue St.-Patrice E Magog
Shipment Frequency Period:	Month	Average Annual Shipment Quantity:	2500	Carrier Phone:	Quebec Canada, Magog 800-232-4726
Physical State In Transit:	Liquid	Routes of Travel:	Rt 95 to Rt 152 to Holden Street to EMS at 39 Perry Avenue	Carrier 24 Hr Phone:	905-510-0802

Chemical Description	Physical Hazards	Health Hazards												
Chemical ID: 165764 Check if Chemical Information is changed from the last submission: <input checked="" type="checkbox"/> CAS #: 7727-37-9 Trade Secret: <input type="checkbox"/> Chemical Name: NITROGEN, [REFRIGERATED LIQUID] EHS: <input type="checkbox"/> Contains EHS: <input type="checkbox"/> Exceeds TPO: <input type="checkbox"/> EHS Name: <input type="checkbox"/> <input checked="" type="checkbox"/> Pure <input type="checkbox"/> Mix <input type="checkbox"/> Solid <input checked="" type="checkbox"/> Liquid <input checked="" type="checkbox"/> Gas <u>MSDS</u> Chemical Added On: <input type="checkbox"/> <u>SDS</u> Check if the chemical is below reporting threshold: <input type="checkbox"/>	<input type="checkbox"/> Combustible dust <input type="checkbox"/> Corrosive to metal <input type="checkbox"/> Explosive <input type="checkbox"/> Flammable (gases, aerosols, liquids, or solids) <input checked="" type="checkbox"/> Gas under pressure <input type="checkbox"/> Hazard Not Otherwise Classified (HNOC) <input type="checkbox"/> In contact with water emits flammable gas <input type="checkbox"/> Organic peroxide <input type="checkbox"/> Oxidizer (liquid, solid or gas) <input type="checkbox"/> Pyrophoric (liquid or solid) <input type="checkbox"/> Pyrophoric gas <input type="checkbox"/> Self-heating <input type="checkbox"/> Self-reactive	<input type="checkbox"/> Acute toxicity (any route of exposure) <input type="checkbox"/> Aspiration hazard <input type="checkbox"/> Carcinogenicity <input type="checkbox"/> Germ cell mutagenicity <input type="checkbox"/> Hazard Not Otherwise Classified (HNOC) <input type="checkbox"/> Reproductive toxicity <input type="checkbox"/> Respiratory or skin sensitization <input type="checkbox"/> Serious eye damage or eye irritation <input checked="" type="checkbox"/> Simple asphyxiant <input type="checkbox"/> Skin corrosion or irritation <input type="checkbox"/> Specific target organ toxicity (single or repeated exposure)												
Inventory														
Storage Codes & Location														
Max Daily Amt (lbs): 79000 Max Daily Amt Code: 09 Avg Daily Amt (lbs): 50000 Avg Daily Amt Code: 08 Max Amt in Largest Container (lbs): 79000 No of days onsite: 365	<table border="1"> <thead> <tr> <th>Container Type</th> <th>Pressure</th> <th>Temperature</th> <th>Storage Location</th> <th>Description</th> <th>Max Amt At Location(lbs)</th> </tr> </thead> <tbody> <tr> <td>[A]Above ground tank</td> <td>[2]Greater than ambient pressure</td> <td>[7]Cryogenic conditions</td> <td>Exterior to building</td> <td></td> <td></td> </tr> </tbody> </table>	Container Type	Pressure	Temperature	Storage Location	Description	Max Amt At Location(lbs)	[A]Above ground tank	[2]Greater than ambient pressure	[7]Cryogenic conditions	Exterior to building			
Container Type	Pressure	Temperature	Storage Location	Description	Max Amt At Location(lbs)									
[A]Above ground tank	[2]Greater than ambient pressure	[7]Cryogenic conditions	Exterior to building											

Tier II Emergency and Hazardous Chemical Inventory
Facility Name: Engineered Materials Solutions, LLC **Facility ID: 3873**
Reporting Period From January 1, 2019 to December 31, 2019

SHIPMENT DETAILS

Mode of Shipment:	Tank Trucks	Maximum Capacity Per Vessel:	48000	Carrier:	Messer America
Shipment Frequency Count:	2	Maximum Shipment Quantity at One Time:	40000	Carrier Address:	200 Somerset Corporate Boulevard, Suite 7000, Bridgewater, NJ 08807
Shipment Frequency Period:	Week	Average Annual Shipment Quantity:	33250	Carrier Phone:	800-755-9277
Physical State In Transit:	Liquid	Routes of Travel:	Rt 95 to Rt 152 to Holden Street to 39 Perry Avenue	Carrier 24 Hr Phone:	800-232-4726

Chemical Description

Chemical ID: 165765

Check if Chemical Information is changed from the last submission:

CAS #:

74-98-6

Trade Secret:

Chemical Name:

PROPANE

EHS: ☐ Contains EHS: ☐ Exceeds TPQ: ☐

EHS Name:

☒ Pure ☐ Mix ☐ Solid ☒ Liquid ☐ Gas MSDS SDS

Chemical Added On:

Check if the chemical is below reporting threshold: ☒

Physical Hazards

- ☐ Combustible dust
☐ Corrosive to metal
☐ Explosive
☒ Flammable (gases, aerosols, liquids, or solids)
☒ Gas under pressure
☐ Hazard Not Otherwise Classified (HNOC)
☐ In contact with water emits flammable gas
☐ Organic peroxide
☐ Oxidizer (liquid, solid or gas)
☐ Pyrophoric (liquid or solid)
☐ Pyrophoric gas
☐ Self-heating
☐ Self-reactive

Health Hazards

- ☐ Acute toxicity (any route of exposure)
☐ Aspiration hazard
☐ Carcinogenicity
☐ Germ cell mutagenicity
☐ Hazard Not Otherwise Classified (HNOC)
☐ Reproductive toxicity
☐ Respiratory or skin sensitization
☐ Serious eye damage or eye irritation
☒ Simple asphyxiant
☐ Skin corrosion or irritation
☐ Specific target organ toxicity (single or repeated exposure)

Inventory

Storage Codes & Location

Container Type	Pressure	Temperature	Storage Location	Description	Max Amt At Location(lbs)
[A]Above ground tank	[2]Greater than ambient pressure	[7]Cryogenic conditions	External to building		

Max Daily Amt (lbs): 3500
Max Daily Amt Code: 04
Avg Daily Amt (lbs): 2000
Avg Daily Amt Code: 04
Max Amt in -argest Container (lbs): 3500
No of days onsite: 365

SHIPMENT DETAILS

Mode of Shipment:	Tank Trucks	Maximum Capacity Per Vessel:	2200	Carrier:	Propane Plus
Shipment Frequency Count:	1	Maximum Shipment Quantity at One Time:	2000	Carrier Address:	177 Winthrop Street, Rehoboth, MA 02769
Shipment Frequency Period:	Week	Average Annual Shipment Quantity:	1000	Carrier Phone:	508-252-3359 x
Physical State In Transit:	Liquid	Routes of Travel:	Rt 118 to Rt 123 to Engineered Materials Solutions	Carrier 24 Hr Phone:	508-252-3359 x

Tier II Emergency and Hazardous Chemical Inventory

Facility Name: Engineered Materials Solutions, LLC **Facility ID:** 3873
Reporting Period From January 1, 2019 to December 31, 2019

Chemical Description		Physical Hazards		Health Hazards															
Chemical ID: 165766 Check if Chemical Information is changed from the last submission: <input type="checkbox"/> CAS #: 1310-73-2 Trade Secret: <input type="checkbox"/> Chemical Name: SODIUM HYDROXIDE (CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S.) EHS: <input type="checkbox"/> Contains EHS: <input type="checkbox"/> Exceeds TPQ: <input type="checkbox"/> EHS Name: <input type="checkbox"/> Pure <input checked="" type="checkbox"/> Mix <input type="checkbox"/> Solid <input checked="" type="checkbox"/> Liquid <input type="checkbox"/> Gas <u>MSDS / SDS</u> Chemical Added On: <input type="checkbox"/> Check if the chemical is below reporting threshold: <input type="checkbox"/>	<input type="checkbox"/> Combustible dust <input checked="" type="checkbox"/> Corrosive to metal <input type="checkbox"/> Explosive <input type="checkbox"/> Flammable (gases, aerosols, liquids, or solids) <input type="checkbox"/> Gas under pressure <input type="checkbox"/> Hazard Not Otherwise Classified (HNOC) <input type="checkbox"/> In contact with water emits flammable gas <input type="checkbox"/> Organic peroxide <input type="checkbox"/> Oxidizer (liquid, solid or gas) <input type="checkbox"/> Pyrophoric (liquid or solid) <input type="checkbox"/> Pyrophoric gas <input type="checkbox"/> Self-heating <input type="checkbox"/> Self-reactive	<input type="checkbox"/> Acute toxicity (any route of exposure) <input type="checkbox"/> Aspiration hazard <input type="checkbox"/> Carcinogenicity <input type="checkbox"/> Germ cell mutagenicity <input type="checkbox"/> Hazard Not Otherwise Classified (HNOC) <input type="checkbox"/> Reproductive toxicity <input type="checkbox"/> Respiratory or skin sensitization <input checked="" type="checkbox"/> Serious eye damage or eye irritation <input type="checkbox"/> Simple asphyxiant <input checked="" type="checkbox"/> Skin corrosion or irritation <input type="checkbox"/> Specific target organ toxicity (single or repeated exposure)																	
Inventory		Storage Codes & Location																	
Max Daily Amt (lbs): 10500 Max Daily Amt Code: 06 Avg Daily Amt (lbs): 7500 Avg Daily Amt Code: 05 Max Amt in Largest Container (lbs): 10500 No of days onsite: 365		<table border="1"> <thead> <tr> <th>Container Type</th> <th>Pressure</th> <th>Temperature</th> <th>Storage Location</th> <th>Description</th> <th>Max Amt At Location(lbs)</th> </tr> </thead> <tbody> <tr> <td>[A]Above ground tank</td> <td>[1]Ambient pressure</td> <td>[4]Ambient temperature</td> <td>Internally at WWT plant</td> <td></td> <td></td> </tr> </tbody> </table>				Container Type	Pressure	Temperature	Storage Location	Description	Max Amt At Location(lbs)	[A]Above ground tank	[1]Ambient pressure	[4]Ambient temperature	Internally at WWT plant				
Container Type	Pressure	Temperature	Storage Location	Description	Max Amt At Location(lbs)														
[A]Above ground tank	[1]Ambient pressure	[4]Ambient temperature	Internally at WWT plant																
SHIPMENT DETAILS																			
Mode of Shipment: Tank Trucks Shipment Frequency Count: 1 Shipment Frequency Period: Month Physical State In Transit: Liquid	Maximum Capacity Per Vessel: 7500 Maximum Shipment Quantity at One Time: 7500 Average Annual Shipment Quantity: 5000 Routes of Travel: Rt 95 to Rt 123 to Engineered Materials Solutions	Carrier: PVS Minibulk Carrier Address: 3134 Post Road, Warwick, RI 02886- Carrier Phone: 888-711-3445 Carrier 24 Hr Phone: 888-711-3445																	
MIXTURE COMPONENTS																			
<table border="1"> <thead> <tr> <th>Chemical Name</th> <th>%</th> <th>CAS #</th> <th>EHS</th> <th>EHS Name</th> <th>Max Daily Amount (lbs)</th> <th>Max Daily Amount Code</th> </tr> </thead> <tbody> <tr> <td>Water</td> <td>50</td> <td>7732-18-5</td> <td><input type="checkbox"/></td> <td></td> <td>5250</td> <td>05</td> </tr> </tbody> </table>	Chemical Name	%	CAS #	EHS	EHS Name	Max Daily Amount (lbs)	Max Daily Amount Code	Water	50	7732-18-5	<input type="checkbox"/>		5250	05					
Chemical Name	%	CAS #	EHS	EHS Name	Max Daily Amount (lbs)	Max Daily Amount Code													
Water	50	7732-18-5	<input type="checkbox"/>		5250	05													

Tier II Emergency and Hazardous Chemical Inventory

Facility Name: Engineered Materials Solutions, LLC Facility ID: 3873
Reporting Period From January 1, 2019 to December 31, 2019

Chemical Description		Physical Hazards		Health Hazards													
Chemical ID: 165767 Check if Chemical Information is changed from the last submission: <input checked="" type="checkbox"/> CAS #: 7664-93-9 Trade Secret: <input type="checkbox"/> Chemical Name: Sulfuric acid EHS: <input checked="" type="checkbox"/> Contains EHS: <input type="checkbox"/> Sulfuric acid EHS Name: <input checked="" type="checkbox"/> Exceeds TPQ: <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> Pure <input type="checkbox"/> Mix <input type="checkbox"/> Solid <input checked="" type="checkbox"/> Liquid <input type="checkbox"/> Gas <u>MSDS /SDS</u> Chemical Added On: 12/20/2019 Check if the chemical is below reporting threshold: <input type="checkbox"/>	<input type="checkbox"/> Combustible dust <input checked="" type="checkbox"/> Corrosive to metal <input type="checkbox"/> Explosive <input type="checkbox"/> Flammable (gases, aerosols, liquids, or solids) <input type="checkbox"/> Gas under pressure <input type="checkbox"/> Hazard Not Otherwise Classified (HNOC) <input type="checkbox"/> In contact with water emits flammable gas <input type="checkbox"/> Organic peroxide <input type="checkbox"/> Oxidizer (liquid, solid or gas) <input type="checkbox"/> Pyrophoric (liquid or solid) <input type="checkbox"/> Pyrophoric gas <input type="checkbox"/> Self-heating <input type="checkbox"/> Self-reactive	<input type="checkbox"/> Acute toxicity (any route of exposure) <input checked="" type="checkbox"/> Aspiration hazard <input type="checkbox"/> Carcinogenicity <input type="checkbox"/> Germ cell mutagenicity <input type="checkbox"/> Hazard Not Otherwise Classified (HNOC) <input type="checkbox"/> Reproductive toxicity <input type="checkbox"/> Respiratory or skin sensitization <input checked="" type="checkbox"/> Serious eye damage or eye irritation <input type="checkbox"/> Simple asphyxiant <input checked="" type="checkbox"/> Skin corrosion or irritation <input type="checkbox"/> Specific target organ toxicity (single or repeated exposure)															
Inventory																	
Max Daily Amt (lbs): 3000 Max Daily Amt Code: 04 Avg Daily Amt (lbs): 3000 Avg Daily Amt Code: 04 Max Amt in Largest Container (lbs): 680 No of days onsite: 9																	
SHIPMENT DETAILS																	
Mode of Shipment: Trucks Shipment Frequency Count: 4 Shipment Frequency Period: Year Physical State in Transit: Liquid	Maximum Capacity Per Vessel: 40000 Maximum Shipment Quantity at One Time: 680 Average Annual Shipment Quantity: 680 Routes of Travel: Route 495 to Route 123 to Perry Avenue	Carrier: NITCO Carrier Address: 3 Chalet Road, Middleboro, MA 02346 Carrier Phone: 800-489-8000 Carrier 24 Hr Phone: 800-489-8000															
<table border="1"> <thead> <tr> <th>Container Type</th> <th>Pressure</th> <th>Temperature</th> <th>Storage Location</th> <th>Description</th> <th>Max Amt At Location(lbs)</th> </tr> </thead> <tbody> <tr> <td>[R]Other Desc: Lead acid battery</td> <td>[1]Ambient pressure</td> <td>[4]Ambient temperature</td> <td>Electric Fork Lifts</td> <td>Acid is in eight separate lead acid batteries</td> <td>3000</td> </tr> </tbody> </table>		Container Type	Pressure	Temperature	Storage Location	Description	Max Amt At Location(lbs)	[R]Other Desc: Lead acid battery	[1]Ambient pressure	[4]Ambient temperature	Electric Fork Lifts	Acid is in eight separate lead acid batteries	3000	Storage Codes & Location			
Container Type	Pressure	Temperature	Storage Location	Description	Max Amt At Location(lbs)												
[R]Other Desc: Lead acid battery	[1]Ambient pressure	[4]Ambient temperature	Electric Fork Lifts	Acid is in eight separate lead acid batteries	3000												

Tier II Emergency and Hazardous Chemical Inventory

Facility Name: Engineered Materials Solutions, LLC Facility ID: 3873
Reporting Period From January 1, 2019 to December 31, 2019

Chemical Amount Range Code & Description		
#	Code	Amount Range
1	01	[01] 0-99
2	02	[02] 100-499
3	03	[03] 500-999
4	04	[04] 1,000-4,999
5	05	[05] 5,000-9,999
6	06	[06] 10,000-24,999
7	07	[07] 25,000-49,999
8	08	[08] 50,000-74,999
9	09	[09] 75,000-99,999
10	10	[10] 100,000-499,999
11	11	[11] 500,000-999,999
12	12	[12] 1,000,000-9,999,999
13	13	[13] 10,000,000- Greater than 10 million