

# 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 Lat/Long: 41.94989/-71.2721  
 Maximum Occupants: 200  
 Physical Location: 39 Perry Avenue, Attleboro, MA  
 County: Bristol County Nature of Business: Clad metals  
 Fire Department: Bristol County NAICS Code: 331221  
 Phone: 508-342-2100 SIC Code:  
 Manned  Unmanned Dun and Brad No: 002316342  
 Email: solutions@emsciad.com EIN ID (Tax Number):  
 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

Subject to EPCRA Section 312 (Annual Inventory)?

Yes  No

Subject to Emergency Planning under Section 302 of EPCRA (40 CFR part 355)?

Yes  No

Subject to Section 112r of Clean Air Act (CAA)?

Yes  No

RMP Facility ID:

Yes  No

Subject to EPCRA Section 313 (Toxic Release Inventory - TRI)?

Yes  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	Title	Phone	24 Hr. Phone	Email
Michael Karavolis	Safety and Health Manager	508-342-2115	508-954-3490	mkaravolis@emsciad.com
Fred Hall	Facilities Manager	508-342-2273	508-328-5934	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

508-342-2115

Michael Karavolis

Name and official title of owner/operator or authorized representative

Date Signed

Telephone Number

Signature

### Optional Attachments

- Site Plan
- Site Coordinate Abbreviations
- Other Safeguard measures
- 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"/> <input type="checkbox"/> Pure <input checked="" type="checkbox"/> Mix <input type="checkbox"/> Solid <input checked="" type="checkbox"/> Liquid <input type="checkbox"/> Gas <u>MSDS</u> Chemical Added On: <input type="checkbox"/> 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)															
<b>Inventory</b>																	
<b>Storage Codes &amp; Location</b>																	
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	<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														

# 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  
 Shipment Frequency Count: 1  
 Shipment Frequency Period: Month  
 Physical State In Transit: Liquid

Maximum Capacity Per Vessel: 7750  
 Maximum Shipment Quantity at One Time: 7000  
 Average Annual Shipment Quantity: 5000  
 Routes of Travel: Rt 95 North 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

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

Chemical ID: 165763  
 Check if Chemical Information is changed from the last submission:   
 CAS #: 1333-74-0  
 Trade Secret:   
 Chemical Name: HYDROGEN, [REFRIGERATED LIQUID]  
 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

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

## 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		

# 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:	Merrr Canada
Shipment Frequency Count:	2	Maximum Shipment Quantity at One Time:	4720	Carrier Address:	1980 Rue St.-Patrice E Magog Quebec Canada, Magog
Shipment Frequency Period:	Month	Average Annual Shipment Quantity:	2500	Carrier Phone:	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

<b>Chemical Description</b>	<b>Physical Hazards</b>	<b>Health Hazards</b>
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> / <u>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 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

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

### 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	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  
 Shipment Frequency Count: 2  
 Shipment Frequency Period: Week  
 Physical State In Transit: Liquid

Maximum Capacity Per Vessel: 48000  
 Maximum Shipment Quantity at One Time: 40000  
 Average Annual Shipment Quantity: 33250  
 Routes of Travel: Rt 95 to Rt 152 to Holden Street to 39 Perry Avenue

Carrier: Messer America  
 Carrier Address: 200 Somerset Corporate Boulevard, Suite 7000, Bridgewater, NJ 08807  
 Carrier Phone: 800-755-9277  
 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

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

**Storage Codes & Location**

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

### SHIPMENT DETAILS

Mode of Shipment: Tank Trucks  
 Shipment Frequency Count: 1  
 Shipment Frequency Period: Week  
 Physical State In Transit: Liquid

Maximum Capacity Per Vessel: 2200  
 Maximum Shipment Quantity at One Time: 2000  
 Average Annual Shipment Quantity: 1000  
 Routes of Travel: Rt 118 to Rt 123 to Engineered Materials Solutions

Carrier: Propane Plus  
 Carrier Address: 177 Winthrop Street, Rehoboth, MA 02769  
 Carrier Phone: 508-252-3359 x  
 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: <b>SODIUM HYDROXIDE (CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S.)</b> 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)														
<b>Inventory</b>	<b>Storage Codes &amp; Location</b>															
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" style="width:100%; border-collapse: collapse;"> <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 WWVT 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 WWVT 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 WWVT plant													
<b>SHIPMENT DETAILS</b>																
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														
<b>MIXTURE COMPONENTS</b>																
<table border="1" style="width:100%; border-collapse: collapse;"> <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"/> Exceeds TPQ: <input checked="" type="checkbox"/> EHS Name: Sulfuric acid <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)												
<b>Inventory</b>	<b>Storage Codes &amp; Location</b>													
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	<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:20%;">Container Type</th> <th style="width:20%;">Pressure</th> <th style="width:20%;">Temperature</th> <th style="width:20%;">Storage Location</th> <th style="width:20%;">Description</th> <th style="width:20%;">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
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									
<b>SHIPMENT DETAILS</b>														
Mode of Shipment: Trucks Shipment Frequency Count: 4 Year Shipment Frequency Period: Liquid Physical State In Transit:	Maximum Capacity Per Vessel: 40000 Maximum Shipment Quantity at One Time: 680 Average Annual Shipment Quantity: 680 Routes of Travel:	Carrier: NITCO Carrier Address: 3 Chalet Road, Middleboro, MA 02346 Carrier Phone: 800-489-8000 Carrier 24 Hr Phone: 800-489-8000 Route 495 to Route 123 to Perry Avenue												

# 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