

Tier II Emergency and Hazardous Chemical Inventory**Facility Name:** Engineered Materials Solutions, LLC **Facility ID:** 3873**Reporting Period From** January 1, 2020 **to** December 31, 2020
☒ Annual
 ☐ Update
 ☐ Revised
 ☒ Facility Information has changed from the last submission

Facility Identification				Owner/Operator Details	
Facility ID: 3873		Lat/Long: 41.94989/-71.2721		Name: Engineered Materials Solutions LLC	
Facility Name: Engineered Materials Solutions, LLC		Nature of Business: Clad metals		Address: 39 Perry Avenue	
Maximum Occupants: 200		NAICS Code: 331221		Attleboro, MA 02703, United States	
Physical Location: 39 Perry Avenue, Attleboro, MA 02703		SIC Code:		Phone: 508-342-2100	
County: Bristol County		Dun and Brad No: 002316342		Email: solutions@emsclad.com	
Fire Department: 508-342-2100		EIN ID(Tax Number):		Parent Company Details	
<input checked="" type="checkbox"/> Manned <input type="checkbox"/> Unmanned		FTE: 300		Name: Engineered Materials Solutions, LLC	
Email: solutions@emsclad.com				Dun and Brad No: 002316342	
				Address: 39 Perry Avenue	
				Attleboro, MA 02703, United States	
				Phone: 508-342-2100	
				Email: solutions@emsclad.com	
Tier II Information Contact					
Subject to EPCRA Section 312 (Annual Inventory)? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No				Name: Michael Karavolis	
Subject to Emergency Planning under Section 302 of EPCRA (40 CFR part 355)? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No				Title: Safety and Health Manager	
Subject to Section 112r of Clean Air Act (CAA)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				Phone: 508-342-2115	
RMP Facility ID:				24 Hr.Phone: 508-954-3490	
Subject to EPCRA Section 313 (Toxic Release Inventory - TRI)? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No				Email: mkaravolis@emsclad.com	
TRI Facility ID: 02703NGNRD39PER					
Mailing Address				Facility Emergency Planning Coordinator	
Company Name: Engineered Materials Solutions, LLC				Name: Michael Karavolis	
Attention: Safety and Health Manager				Title: Safety and Health Manager	
Street Address 1: 39 Perry Avenue				Phone: 508-342-2115	
Street Address 2:				24 Hr.Phone: 508-954-3490	
City: Attleboro				Email: mkaravolis@emsclad.com	
Zip: 02703					
State: MA					
Phone: 508-342-2100					
Country: United States					
Emergency Contacts					
Name		Title	Phone	24 Hr.Phone	Email
Michael Karavolis		Safety and Health Manager	508-342-2115	508-954-3490	mkaravolis@emsclad.com
Chuck Comeau		Facilities Manager	508-342-2275	508-202-8019	ccomeau@emsclad.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.					Optional Attachments
Michael Karavolis, Safety and Health Manager		2/8/2021 9:04:51 AM	508-342-2115	Michael Karavolis	<input type="checkbox"/> Site Plan
Name and official title of owner/operator or authorized representative		Date Signed	Telephone Number	Signature	<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, 2020 to December 31, 2020

Chemical Description	Physical Hazards	Health Hazards															
Chemical ID: 180653 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 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 MSDS /SDS 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)															
Inventory	Storage Codes & Location																
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, 2020 to December 31, 2020

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	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	Physical Hazards	Health Hazards											
Chemical ID: 180654 Check if Chemical Information is changed from the last submission: <input 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 checked="" type="checkbox"/> Pure <input type="checkbox"/> Mix <input type="checkbox"/> Solid <input checked="" type="checkbox"/> Liquid <input checked="" type="checkbox"/> Gas MSDS / SDS Chemical Added On: 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, 2020 to December 31, 2020

SHIPMENT DETAILS

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

Chemical Description	Physical Hazards	Health Hazards															
Chemical ID: 180655 Check if Chemical Information is changed from the last submission: <input 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 TPQ: <input type="checkbox"/> EHS Name: <input checked="" type="checkbox"/> Pure <input type="checkbox"/> Mix <input type="checkbox"/> Solid <input checked="" type="checkbox"/> Liquid <input checked="" type="checkbox"/> Gas MSDS /SDS Chemical Added On: 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, 2020 to December 31, 2020

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	Physical Hazards	Health Hazards
Chemical ID: 180656 Check if Chemical Information is changed from the last submission: <input type="checkbox"/> CAS #: 74-98-6 Trade Secret: <input type="checkbox"/> Chemical Name: PROPANE EHS: <input type="checkbox"/> Contains EHS: <input type="checkbox"/> Exceeds TPQ: <input type="checkbox"/> EHS Name: <input checked="" type="checkbox"/> Pure <input type="checkbox"/> Mix <input type="checkbox"/> Solid <input checked="" type="checkbox"/> Liquid <input type="checkbox"/> Gas MSDS /SDS Chemical Added On: 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): 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	<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										

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, 2020 to December 31, 2020

Chemical Description		Physical Hazards		Health Hazards		
Chemical ID:	180657	<input type="checkbox"/> Combustible dust	<input type="checkbox"/> Acute toxicity (any route of exposure)			
Check if Chemical Information is changed from the last submission:	<input type="checkbox"/>	<input checked="" type="checkbox"/> Corrosive to metal	<input type="checkbox"/> Aspiration hazard			
CAS #:	1310-73-2	<input type="checkbox"/> Explosive	<input type="checkbox"/> Carcinogenicity			
Trade Secret:	<input type="checkbox"/>	<input type="checkbox"/> Flammable (gases, aerosols, liquids, or solids)	<input type="checkbox"/> Germ cell mutagenicity			
Chemical Name:	SODIUM HYDROXIDE (CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S.)	<input type="checkbox"/> Gas under pressure	<input type="checkbox"/> Hazard Not Otherwise Classified (HNOC)			
EHS: <input type="checkbox"/>	Contains EHS: <input type="checkbox"/>	<input type="checkbox"/> Hazard Not Otherwise Classified (HNOC)	<input type="checkbox"/> Reproductive toxicity			
EHS Name:		<input type="checkbox"/> In contact with water emits flammable gas	<input type="checkbox"/> Respiratory or skin sensitization			
<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> <u>/SDS</u>	<input type="checkbox"/> Organic peroxide	<input checked="" type="checkbox"/> Serious eye damage or eye irritation			
Chemical Added On:		<input type="checkbox"/> Oxidizer (liquid, solid or gas)	<input type="checkbox"/> Simple asphyxiant			
Check if the chemical is below reporting threshold:	<input type="checkbox"/>	<input type="checkbox"/> Pyrophoric (liquid or solid)	<input checked="" type="checkbox"/> Skin corrosion or irritation			
		<input type="checkbox"/> Pyrophoric gas	<input type="checkbox"/> Specific target organ toxicity (single or repeated exposure)			
		<input type="checkbox"/> Self-heating				
		<input type="checkbox"/> Self-reactive				
Inventory		Storage Codes & Location				
Max Daily Amt (lbs): 10500		Container Type	Pressure	Temperature	Storage Location	Description
Max Daily Amt Code: 06		[A]Above ground tank	[1]Ambient pressure	[4]Ambient temperature	Internally at WWT plant	
Avg Daily Amt (lbs): 7500						
Avg Daily Amt Code: 05						
Max Amt in Largest Container (lbs): 10500						
No of days onsite: 365						
SHIPMENT DETAILS						
Mode of Shipment:	Tank Trucks	Maximum Capacity Per Vessel:	7500	Carrier:	PVS Minibulk	
Shipment Frequency Count:	1	Maximum Shipment Quantity at One Time:	7500	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 to Rt 123 to Engineered Materials Solutions	Carrier 24 Hr Phone:	888-711-3445	
MIXTURE COMPONENTS						
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, 2020 to December 31, 2020

Chemical Description	Physical Hazards	Health Hazards																
Chemical ID: 180658 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 MSDS SDS Chemical Added On: 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	Storage Codes & Location																	
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"> <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 nine 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 nine 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 nine separate lead acid batteries	3000													
SHIPMENT DETAILS																		
Mode of Shipment: Trucks Shipment Frequency Count: 2 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																

Tier II Emergency and Hazardous Chemical Inventory**Facility Name: Engineered Materials Solutions, LLC Facility ID: 3873****Reporting Period From January 1, 2020 to December 31, 2020**

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