

## Tier II Emergency and Hazardous Chemical Inventory

**Facility Name:** Umicore Electrical Materials USA Inc. **Facility ID:** 3246

**Reporting Period** From January 1, 2020 to December 31, 2020

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

<b>Facility Identification</b>				<b>Owner/Operator Details</b>																
Facility ID: 3246		Lat/Long: 41.947522/-71.265779		Name: Martin Boarder																
Facility Name: Umicore Electrical Materials USA Inc.				Address: 527 Pleasant St																
Maximum Occupants: 50				Attleboro, MA 02703, United States																
Physical Location: 527 Pleasant St Building 11, Attleboro, MA 02703		Nature of Business:		Phone: 508-838-2095 Email: martin.boarder@am.umicore.com																
County: Bristol County		NAICS Code: 331491		<b>Parent Company Details</b>																
Fire Department:		SIC Code:		Name: Umicore																
Phone: 508-838-2080		Dun and Brad No: 130711901		Dun and Brad No:																
<input checked="" type="checkbox"/> Manned <input type="checkbox"/> Unmanned		EIN ID(Tax Number):		Address: 9 Pruy'n's Island Drive																
Email: terrance.mccormack@am.umicore.com		FTE: 45		Glens Falls, NY 12801, United States																
				Phone: Email: terrance.mccormack@am.umicore.com																
Subject to EPCRA Section 312 (Annual Inventory)? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No				<b>Tier II Information Contact</b>																
Subject to Emergency Planning under Section 302 of EPCRA (40 CFR part 355)? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No				Name: Terry McCormack																
Subject to Section 112r of Clean Air Act (CAA)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				Title: EHS Manager																
RMP Facility ID:				Phone: 508-838-2080 24 Hr.Phone: 774-218-5562																
Subject to EPCRA Section 313 (Toxic Release Inventory - TRI)? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No				Email: terrance.mccormack@am.umicore.com																
TRI Facility ID: 0270WMCRTC527PL																				
<b>Mailing Address</b>				<b>Facility Emergency Planning Coordinator</b>																
Company Name: Umicore Electrical Materials				Name: Terry McCormack																
Attention: Terry McCormack				Title: EHS Manager																
Street Address 1: 527 Pleasant St Building 11				Phone: 508-838-2080 24 Hr.Phone: 774-218-5562																
Street Address 2:				Email: terrance.mccormack@am.umicore.com																
City: Attleboro		State: MA																		
Zip: 02703		Phone: 508-838-2080																		
Country: United States																				
<b>Emergency Contacts</b>																				
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:25%;">Name</th> <th style="width:25%;">Title</th> <th style="width:25%;">Phone</th> <th style="width:25%;">24 Hr.Phone</th> <th style="width:25%;">Email</th> </tr> </thead> <tbody> <tr> <td>Terry McCormack</td> <td>EHS Manager</td> <td>508-838-2080</td> <td>774-218-5562</td> <td>terrance.mccormack@am.umicore.com</td> </tr> <tr> <td>Robert Gallagher</td> <td>Production</td> <td>508-838-2077</td> <td>508-415-1239</td> <td>robert.gallagher@am.umicore.com</td> </tr> </tbody> </table>						Name	Title	Phone	24 Hr.Phone	Email	Terry McCormack	EHS Manager	508-838-2080	774-218-5562	terrance.mccormack@am.umicore.com	Robert Gallagher	Production	508-838-2077	508-415-1239	robert.gallagher@am.umicore.com
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Robert Gallagher	Production	508-838-2077	508-415-1239	robert.gallagher@am.umicore.com																
Certification: I certify under penalty of law that I have personally examined and am familiar with the information submitted in pages one through 9, 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.					<b>Optional Attachments</b> <input checked="" type="checkbox"/> <a href="#">Site Plan</a> <input type="checkbox"/> Site Coordinate Abbreviations <input type="checkbox"/> Other Safeguard measures <input type="checkbox"/> Facility Emergency Response Plan															
Terry McCormack, EHS Manager		2/3/2021 9:04:50 AM		508-838-2080		Terry McCormack														
Name and official title of owner/operator or authorized representative		Date Signed		Telephone Number		Signature														

## Tier II Emergency and Hazardous Chemical Inventory

Facility Name: Umicore Electrical Materials USA Inc. Facility ID: 3246

Reporting Period From January 1, 2020 to December 31, 2020

Chemical Description	Physical Hazards	Health Hazards																						
Chemical ID: 179435 Check if Chemical Information is changed from the last submission: <input type="checkbox"/> <b>CAS #:</b> 7440-43-9 Trade Secret: <input type="checkbox"/> <b>Chemical Name:</b> CADMIUM 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 checked="" type="checkbox"/> Solid <input type="checkbox"/> Liquid <input type="checkbox"/> Gas 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 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 checked="" type="checkbox"/> Acute toxicity (any route of exposure) <input type="checkbox"/> Aspiration hazard <input checked="" type="checkbox"/> Carcinogenicity <input type="checkbox"/> Germ cell mutagenicity <input type="checkbox"/> Hazard Not Otherwise Classified (HNOC) <input checked="" type="checkbox"/> Reproductive toxicity <input type="checkbox"/> Respiratory or skin sensitization <input type="checkbox"/> Serious eye damage or eye irritation <input type="checkbox"/> Simple asphyxiant <input type="checkbox"/> Skin corrosion or irritation <input checked="" type="checkbox"/> Specific target organ toxicity (single or repeated exposure)																						
Inventory	Storage Codes & Location																							
Max Daily Amt (lbs): 1200 Max Daily Amt Code: 04 Avg Daily Amt (lbs): 900 Avg Daily Amt Code: 03 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>[D]Steel drum</td><td>[1]Ambient pressure</td><td>[4]Ambient temperature</td><td>plant wide</td><td>plant wide</td><td>1200</td></tr> <tr> <td>[D]Steel drum</td><td>[1]Ambient pressure</td><td>[4]Ambient temperature</td><td>plant wide</td><td></td><td></td></tr> </tbody> </table>	Container Type	Pressure	Temperature	Storage Location	Description	Max Amt At Location(lbs)	[D]Steel drum	[1]Ambient pressure	[4]Ambient temperature	plant wide	plant wide	1200	[D]Steel drum	[1]Ambient pressure	[4]Ambient temperature	plant wide							
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## Tier II Emergency and Hazardous Chemical Inventory

Facility Name: Umicore Electrical Materials USA Inc. Facility ID: 3246

Reporting Period From January 1, 2020 to December 31, 2020

### SHIPMENT DETAILS

Mode of Shipment:	Trucks	Maximum Capacity Per Vessel:	2500	Carrier:	conway/Checon
Shipment Frequency Count:	1	Maximum Shipment Quantity at	5000	Carrier Address:	30 Larsen Way, N. Attleboro,
Shipment Frequency Period:	Week	One Time:			MA 02763-
Physical State In Transit:	Solid	Average Annual Shipment	2500	Carrier Phone:	508-809-5113 x
		Quantity:		Carrier 24 Hr	774-218-5562 x
		Routes of Travel:	295 to 95 to 123	Phone:	

### MIXTURE COMPONENTS

Chemical Name	%	CAS #	EHS	EHS Name	Max Daily Amount (lbs)	Max Daily Amount Code
Silver	80	7440-22-4	<input type="checkbox"/>		960	03

Chemical Description	Physical Hazards	Health Hazards																						
Chemical ID: 179430 Check if Chemical Information is changed from the last submission: <input type="checkbox"/> <b>CAS #:</b> 7440-50-8 Trade Secret: <input type="checkbox"/> <b>Chemical Name:</b> Copper 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 checked="" type="checkbox"/> Solid <input type="checkbox"/> Liquid <input type="checkbox"/> Gas 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 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 checked="" 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 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): 80000 Max Daily Amt Code: 09 Avg Daily Amt (lbs): 40000 Avg Daily Amt Code: 07 Max Amt in Largest Container (lbs): 1000 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>[R]Other Desc: stored on pallets</td> <td>[1]Ambient pressure</td> <td>[4]Ambient temperature</td> <td>plant wide</td> <td>plant wide</td> <td>40000</td> </tr> <tr> <td>[O]Tote bin</td> <td>[1]Ambient pressure</td> <td>[4]Ambient temperature</td> <td>plant wide</td> <td></td> <td>80000</td> </tr> </tbody> </table>	Container Type	Pressure	Temperature	Storage Location	Description	Max Amt At Location(lbs)	[R]Other Desc: stored on pallets	[1]Ambient pressure	[4]Ambient temperature	plant wide	plant wide	40000	[O]Tote bin	[1]Ambient pressure	[4]Ambient temperature	plant wide		80000					
Container Type	Pressure	Temperature	Storage Location	Description	Max Amt At Location(lbs)																			
[R]Other Desc: stored on pallets	[1]Ambient pressure	[4]Ambient temperature	plant wide	plant wide	40000																			
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## Tier II Emergency and Hazardous Chemical Inventory

Facility Name: Umicore Electrical Materials USA Inc. Facility ID: 3246

Reporting Period From January 1, 2020 to December 31, 2020

### SHIPMENT DETAILS

Mode of Shipment:	Trucks	Maximum Capacity Per Vessel:	1000	Carrier:	AJ Oster
Shipment Frequency Count:	1	Maximum Shipment Quantity at One Time:	5000	Carrier Address:	301 Metro Center , Warwick, RI 02886-
Shipment Frequency Period:	Week	Average Annual Shipment Quantity:	2500	Carrier Phone:	401-736-2600 x
Physical State In Transit:	Solid	Routes of Travel:	Rte 195 to Rte 95 to Rte 152 to rte 123	Carrier 24 Hr Phone:	

Chemical Description	Physical Hazards	Health Hazards																						
Chemical ID: 179431 Check if Chemical Information is changed from the last submission: <input type="checkbox"/> <b>CAS #:</b> 1333-74-0 Trade Secret: <input type="checkbox"/> <b>Chemical Name:</b> Hydrogen 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 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 checked="" 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): 350 Max Daily Amt Code: 02 Avg Daily Amt (lbs): 200 Avg Daily Amt Code: 02 Max Amt in Largest Container (lbs): 350 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>[P]Tank wagon</td><td>[2]Greater than ambient pressure</td><td>[5]Greater than ambient temperature</td><td>outside front of building</td><td>tank pad</td><td>350</td></tr> <tr> <td>[A]Above ground tank</td><td>[1]Ambient pressure</td><td>[6]Less than ambient temperature but not cryogenic</td><td>outside front of building on pad tube trailer</td><td></td><td></td></tr> </tbody> </table>	Container Type	Pressure	Temperature	Storage Location	Description	Max Amt At Location(lbs)	[P]Tank wagon	[2]Greater than ambient pressure	[5]Greater than ambient temperature	outside front of building	tank pad	350	[A]Above ground tank	[1]Ambient pressure	[6]Less than ambient temperature but not cryogenic	outside front of building on pad tube trailer							
Container Type	Pressure	Temperature	Storage Location	Description	Max Amt At Location(lbs)																			
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## Tier II Emergency and Hazardous Chemical Inventory

Facility Name: Umicore Electrical Materials USA Inc. Facility ID: 3246

Reporting Period From January 1, 2020 to December 31, 2020

### SHIPMENT DETAILS

Mode of Shipment:	Trucks, Tank Trucks	Maximum Capacity Per Vessel:	350	Carrier:	Linde
Shipment Frequency Count:	1	Maximum Shipment Quantity at	350	Carrier Address:	37 Landsbrook Rd, Acton, MA
Shipment Frequency Period:	Month	One Time:			01720-5329
Physical State In Transit:	Liquid	Average Annual Shipment	300	Carrier Phone:	978-263-3918 x
		Quantity:		Carrier 24 Hr	800-232-4726 x
		Routes of Travel:	Linde Acton MA, Rt1 111 to rte495 to rte95 to rte152 to rte123	Phone:	

Chemical Description	Physical Hazards	Health Hazards																							
Chemical ID: 179432 Check if Chemical Information is changed from the last submission: <input type="checkbox"/> <b>CAS #:</b> 7439-89-6 Trade Secret: <input type="checkbox"/> <b>Chemical Name:</b> Iron (steel) EHS: <input type="checkbox"/> Contains EHS: <input checked="" type="checkbox"/> Exceeds TPQ: <input checked="" type="checkbox"/> EHS Name: <input type="checkbox"/> Pure <input checked="" type="checkbox"/> Mix <input checked="" type="checkbox"/> Solid <input type="checkbox"/> Liquid <input type="checkbox"/> Gas 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 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 type="checkbox"/> Simple asphyxiant <input type="checkbox"/> Skin corrosion or irritation <input checked="" type="checkbox"/> Specific target organ toxicity (single or repeated exposure)																							
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## Tier II Emergency and Hazardous Chemical Inventory

Facility Name: Umicore Electrical Materials USA Inc. Facility ID: 3246

Reporting Period From January 1, 2020 to December 31, 2020

### SHIPMENT DETAILS

Mode of Shipment:	Trucks	Maximum Capacity Per Vessel:	1000	Carrier:	XPO Logistics
Shipment Frequency Count:	4	Maximum Shipment Quantity at	12000	Carrier Address:	4000 W Lake St, Melrose Park
Shipment Frequency Period:	Year	One Time:			, IL 60160-
Physical State In Transit:	Solid	Average Annual Shipment	12000	Carrier Phone:	708-338-1054 x
		Quantity:		Carrier 24 Hr	800-622-1151 x
		Routes of Travel:	Precision Steel Warehouse	Phone:	
			3500 N.Wolf Rd. Franklin Park		
			IL locally Rte. 90 to rte 495 to		
			rte 95 to rte 152 to rt1 123		

### MIXTURE COMPONENTS

Chemical Name	%	CAS #	EHS	EHS Name	Max Daily Amount (lbs)	Max Daily Amount Code
Nickel	20	7440-02-0	<input type="checkbox"/>		16000	06
iron	95	7439-89-6	<input type="checkbox"/>		76000	09
impurities	5	N/A	<input checked="" type="checkbox"/>		4000	04

## Tier II Emergency and Hazardous Chemical Inventory

Facility Name: Umicore Electrical Materials USA Inc. Facility ID: 3246

Reporting Period From January 1, 2020 to December 31, 2020

Chemical Description	Physical Hazards	Health Hazards																						
Chemical ID: 179433 Check if Chemical Information is changed from the last submission: <input type="checkbox"/> CAS #: 7727-37-9 Trade Secret: <input type="checkbox"/> <b>Chemical Name:</b> Liquid Nitrogen 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 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 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): 30000 Max Daily Amt Code: 07 Avg Daily Amt (lbs): 20000 Avg Daily Amt Code: 06 Max Amt in Largest Container (lbs): 30000 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>outside front of building</td><td>Tank Pad</td><td>30000</td></tr> <tr> <td>[A]Above ground tank</td><td>[2]Greater than ambient pressure</td><td>[7]Cryogenic conditions</td><td>pad at front of 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	outside front of building	Tank Pad	30000	[A]Above ground tank	[2]Greater than ambient pressure	[7]Cryogenic conditions	pad at front of building							
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SHIPMENT DETAILS																								
Mode of Shipment: Tank Trucks Shipment Frequency Count: 2 Shipment Frequency Period: Month Physical State In Transit: Liquid	Maximum Capacity Per Vessel: 30000 Maximum Shipment Quantity at One Time: 30000 Average Annual Shipment Quantity: 30000 Routes of Travel: From Kittery ME rte 95 to rte 152 to rte 123	Carrier: Linde Carrier Address: 9 Ranger Dr, Kittery, ME 03904- Carrier Phone: 207-439-2400 x Carrier 24 Hr Phone: 800-232-4726 x																						

## Tier II Emergency and Hazardous Chemical Inventory

Facility Name: Umicore Electrical Materials USA Inc. Facility ID: 3246

Reporting Period From January 1, 2020 to December 31, 2020

Chemical Description	Physical Hazards	Health Hazards																
Chemical ID: 179434 Check if Chemical Information is changed from the last submission: <input type="checkbox"/> <b>CAS #:</b> 7440-22-4 Trade Secret: <input type="checkbox"/> <b>Chemical Name:</b> SILVER EHS: <input type="checkbox"/> Contains EHS: <input checked="" type="checkbox"/> Exceeds TPQ: <input checked="" type="checkbox"/> EHS Name: <input type="checkbox"/> Pure <input checked="" type="checkbox"/> Mix <input checked="" type="checkbox"/> Solid <input type="checkbox"/> Liquid <input type="checkbox"/> Gas 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 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 checked="" 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 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): 40000 Max Daily Amt Code: 07 Avg Daily Amt (lbs): 35000 Avg Daily Amt Code: 07 Max Amt in Largest Container (lbs): 2000 No of days onsite: 365	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 12.5%;">Container Type</th> <th style="width: 12.5%;">Pressure</th> <th style="width: 12.5%;">Temperature</th> <th style="width: 12.5%;">Storage Location</th> <th style="width: 12.5%;">Description</th> <th style="width: 12.5%;">Max Amt At Location(lbs)</th> </tr> </thead> <tbody> <tr> <td>[O]Tote bin</td> <td>[1]Ambient pressure</td> <td>[4]Ambient temperature</td> <td>plant wide</td> <td>silver is used throughout the facility</td> <td>20000</td> </tr> </tbody> </table>						Container Type	Pressure	Temperature	Storage Location	Description	Max Amt At Location(lbs)	[O]Tote bin	[1]Ambient pressure	[4]Ambient temperature	plant wide	silver is used throughout the facility	20000
Container Type	Pressure	Temperature	Storage Location	Description	Max Amt At Location(lbs)													
[O]Tote bin	[1]Ambient pressure	[4]Ambient temperature	plant wide	silver is used throughout the facility	20000													
SHIPMENT DETAILS																		
Mode of Shipment: Trucks Shipment Frequency Count: 1 Shipment Frequency Period: Week Physical State In Transit: Solid	Maximum Capacity Per Vessel: 5000 Maximum Shipment Quantity at One Time: 5000 Average Annual Shipment Quantity: 2500 Routes of Travel: rte 90 to rte 495 to rte 95 to rte 152 to rte 123		Carrier: Conway Freight Carrier Address: 9 Pruyn's Island Dr, Glens Falls, NY 12801-518-932-0032 x Carrier Phone: 800-424-9300 x Carrier 24 Hr Phone:															
MIXTURE COMPONENTS																		
Chemical Name	%	CAS #	EHS	EHS Name	Max Daily Amount (lbs)	Max Daily Amount Code												
Cadmium oxide	20	1306-19-0	<input checked="" type="checkbox"/>	Cadmium oxide	8000	05												
CADMIUM OXIDE	20	1306-19-0	<input checked="" type="checkbox"/>	Cadmium oxide	8000	05												



## Tier II Emergency and Hazardous Chemical Inventory

Facility Name: Umicore Electrical Materials USA Inc. Facility ID: 3246

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