

# Tier II Emergency and Hazardous Chemical Inventory

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

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: 3246  
 Facility Name: Umicore Electrical Materials USA Inc. Lat/Long: 41.947522/-71.265779  
 Maximum Occupants: 50  
 Physical Location: 527 Pleasant St Building 11, Attleboro, MA 02703  
 Nature of Business:  
 County: Bristol County  
 NAICS Code: 331491  
 Fire Department: 508-838-2080  
 SIC Code: 130711901  
 Phone:  Manned  Unmanned  
 Dun and Brad No:  
 EIN ID(Tax Number):  
 Email: terrance.mccormack@am.umicore.com FTE: 45

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:  
 Subject to EPCRA Section 313 (Toxic Release Inventory - TRI)?  Yes  No  
 TRI Facility ID: 0270WMCRTCS27PL

## Mailing Address

Company Name: Umicore Electrical Materials  
 Attention: Terry McCormack  
 Street Address 1: 527 Pleasant St Building 11  
 Street Address 2:  
 City: Attleboro MA  
 Zip: 02703  
 Country: United States  
 State: MA  
 Phone: 508-838-2080

## Emergency Contacts

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

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.

Terry McCormack, EHS Manager  
 Name and official title of owner/operator or authorized representative  
 2/4/2020 12:17:07 PM Date Signed  
 508-838-2080 Telephone Number  
 Terry McCormack Signature  
 Site Plan

## Owner/Operator Details

Name: Allen Molvar  
 Address: 527 Pleasant St  
 Attleboro, MA 02703, United States  
 Phone: 508-838-2054  
 Email: allen.molvar@am.umicore.com

## Parent Company Details

Name: Umicore  
 Dun and Brad No:  
 Address: MA, United States  
 Phone: Email:

## Tier II Information Contact

Name: Terry McCormack  
 Title: EHS Manager  
 Address: 508-838-2080  
 Phone: 774-218-5562  
 Email: terrance.mccormack@am.umicore.com

## Facility Emergency Planning Coordinator

Name: Terry McCormack  
 Title: EHS Manager  
 Address: 508-838-2080  
 Phone: 774-218-5562  
 Email: terrance.mccormack@am.umicore.com

## Optional Attachments

- Site Plan
- Site Coordinate Abbreviation
- Other Safeguard measures
- Facility Emergency Respons

# Tier II Emergency and Hazardous Chemical Inventory

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

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

Chemical Description	Physical Hazards	Health Hazards																		
Chemical ID: 162115 Check if Chemical Information is changed from the last submission: <input type="checkbox"/> CAS #: 7440-43-9 Trade Secret: <input type="checkbox"/> Chemical Name: CADIUM 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 type="checkbox"/> Liquid <input type="checkbox"/> Gas 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 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)																		
Storage Codes & Location																				
Inventory  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" 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>[D]Steel drum</td> <td>[1]Ambient pressure</td> <td>[4]Ambient temperature</td> <td>plant wide</td> <td></td> <td></td> </tr> <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> </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			[D]Steel drum	[1]Ambient pressure	[4]Ambient temperature	plant wide	plant wide	1200	
Container Type	Pressure	Temperature	Storage Location	Description	Max Amt At Location (lbs)															
[D]Steel drum	[1]Ambient pressure	[4]Ambient temperature	plant wide																	
[D]Steel drum	[1]Ambient pressure	[4]Ambient temperature	plant wide	plant wide	1200															

# Tier II Emergency and Hazardous Chemical Inventory

Facility Name: Umicore Electrical Materials USA Inc. Facility ID: 3246  
 Reporting Period From January 1, 2019 to December 31, 2019

## SHIPMENT DETAILS

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

Maximum Capacity Per Vessel: 2500  
 Maximum Shipment Quantity at One Time: 5000  
 Average Annual Shipment Quantity: 2500  
 Routes of Travel: 295 to 95 to 123

Carrier: conway/Checon  
 Carrier Address: 30 Larsen Way, N. Attleboro, MA 02763-  
 Carrier Phone: 508-809-5113 x  
 Carrier 24 Hr Phone: 774-218-5562 x

## 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: 162110 Check if Chemical Information is changed from the last submission: <input type="checkbox"/> CAS #: 7440-50-8 Trade Secret: <input type="checkbox"/> Chemical Name: 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: <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 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	Container Type	Pressure	Temperature	Storage Location	Description	Max Amt At Location (lbs)
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	[O]Tote bin	[1]Ambient pressure	[4]Ambient temperature	plant wide		80000
	[R]Other Desc: stored on pallets	[1]Ambient pressure	[4]Ambient temperature	plant wide	plant wide	40000

# Tier II Emergency and Hazardous Chemical Inventory

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

Reporting Period From January 1, 2016 to December 31, 2019

## 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: 162111 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 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 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 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		
Container Type	Pressure	Temperature	Storage Location	Description	Max Amt At Location(lbs)	
[A]Above ground tank	[1]Ambient pressure	[6]Less than ambient temperature but not cryogenic	outside front of building on pad tube trailer			
[P]Tank wagon	[2]Greater than ambient pressure	[5]Greater than ambient temperature	outside front of building	tank pad	350	

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

# Tier II Emergency and Hazardous Chemical Inventory

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

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

## SHIPMENT DETAILS

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

Chemical Description	Physical Hazards	Health Hazards
Chemical ID: 162112 Check if Chemical Information is changed from the last submission: <input type="checkbox"/> CAS #: 7439-89-6 Trade Secret: <input type="checkbox"/> Chemical Name: 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 type="checkbox"/> Solid <input type="checkbox"/> Liquid <input type="checkbox"/> Gas 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 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)

Inventory				Storage Codes & Location			
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		10000		
[O]Tote bin	[1]Ambient pressure	[4]Ambient temperature	Plant Wide				
[R]Other Desc: stored on pallets	[1]Ambient pressure	[4]Ambient temperature	plant wide	plant wide	80000		

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

# Tier II Emergency and Hazardous Chemical Inventory

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

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

## SHIPMENT DETAILS

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

## MIXTURE COMPONENTS

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

# Tier II Emergency and Hazardous Chemical Inventory

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

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

Chemical Description	Physical Hazards	Health Hazards																		
Chemical ID: 162113 Check if Chemical Information is changed from the last submission: <input type="checkbox"/> CAS #: 7727-37-9 Trade Secret: <input type="checkbox"/> Chemical Name: 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: <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 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): 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	Storage Codes & Location																			
	<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>[2]Greater than ambient pressure</td> <td>[7]Cryogenic conditions</td> <td>pad at front of building</td> <td></td> <td></td> </tr> <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> </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	pad at front of building			[A]Above ground tank	[2]Greater than ambient pressure	[7]Cryogenic conditions	outside front of building	Tank Pad	30000	
Container Type	Pressure	Temperature	Storage Location	Description	Max Amt At Location (lbs)															
[A]Above ground tank	[2]Greater than ambient pressure	[7]Cryogenic conditions	pad at front of building																	
[A]Above ground tank	[2]Greater than ambient pressure	[7]Cryogenic conditions	outside front of building	Tank Pad	30000															
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, 2019 to December 31, 2019

Chemical Description	Physical Hazards	Health Hazards
Chemical ID: 162114 Check if Chemical Information is changed from the last submission: <input type="checkbox"/> CAS #: 7440-22-4 Trade Secret: <input type="checkbox"/> Chemical Name: SILVER Exceeds TPO: <input checked="" type="checkbox"/> EHS: <input type="checkbox"/> Contains EHS: <input checked="" type="checkbox"/> EHS Name: <input type="checkbox"/> Pure <input checked="" type="checkbox"/> Mix <input type="checkbox"/> Solid <input type="checkbox"/> Liquid <input type="checkbox"/> Gas 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 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)

Storage Codes & Location					
Container Type	Pressure	Temperature	Storage Location	Description	Max Amt At Location(lbs)
[0]Tote bin	[1]Ambient pressure	[4]Ambient temperature	plant wide	silver is used throughout the facility	20000

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

### 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-  
 Carrier Phone: 518-932-0032 x  
 Carrier 24 Hr Phone: 800-424-9300 x

### 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, 2019 to December 31, 2019

Chemical Amount Range Code & Description	
#	Code
1	01
2	02
3	03
4	04
5	05
6	06
7	07
8	08
9	09
10	10
11	11
12	12
13	13

Amount Range

[01] 0-99

[02] 100-499

[03] 500-999

[04] 1,000-4,999

[05] 5,000-9,999

[06] 10,000-24,999

[07] 25,000-49,999

[08] 50,000-74,999

[09] 75,000-99,999

[10] 100,000-499,999

[11] 500,000-999,999

[12] 1,000,000-9,999,999

[13] 10,000,000- Greater than 10 million