Material Safety Data Sheet

Issuing Date January 25, 2010 **Revision Date** January 22, 2010 **Revision Number** 12

Product Name	**AC-®665 Class B Base**
Product Code(s)	AC-665 Class B Base
UN-No	3077
Recommended Use	Sealant.
Company	Advanced Chemistry & Technology, Inc. 7341 Anaconda Avenue Garden Grove, CA 92841
Company Emergency Phone Number	714-373-2837 (8 AM to 5 PM Pacific)
Emergency Telephone Number	Chemtrec 1-800-424-9300

WARNING!

Emergency Overview

May cause skin, eye, and respiratory tract irritation

Appearance Yellow **Physical State** Paste/Gel **Odor** Sulphurous

OSHA Regulatory Status This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Potential Health Effects

Principle Routes of Exposure Skin contact, Inhalation, Eye contact.

Acute Toxicity

Eyes	Moderately irritating to the eyes.
Skin	May cause irritation.
Inhalation	May cause irritation of respiratory tract.
Ingestion	Harmful if swallowed. Ingestion may cause irritation to mucous membranes. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Chronic Effects Repeated or prolonged skin contact may cause skin irritation and/or dermatitis and sensitization of susceptible persons. Substances known to be carcinogenic to man.

Main Symptoms Redness.

Aggravated Medical Conditions Skin disorders. Liver disorders. Kidney disorders. Allergies.

Environmental Hazard See Section 12 for additional Ecological Information.

Chemical Name	CAS-No	Weight %
Calcium carbonate	471-34-1	20-25
Calcium chromate	13765-19-0	5-10
Titanium dioxide	13463-67-7	1-5
Strontium chromate	7789-06-2	0.5 - 1.0
Phenol	108-95-2	.01-.03
Formaldehyde	50-00-0	.0004-0.003

General Advice Do not breathe dust/fume/gas/mist/vapors/spray.

Eye Contact Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician. Get medical attention immediately if symptoms occur.

Skin Contact Wash skin with soap and water.

Inhalation Administer oxygen if breathing is difficult and you are trained. Apply artificial respiration if victim is not breathing.

Ingestion Do not induce vomiting without medical advice. Consult a physician.

Notes to Physician Treat symptomatically.

Protection of First-aiders Use personal protective equipment.

Flash Point > 93 °C / > 200 °F
Method Closed cup

Suitable Extinguishing Media Use:. Water spray. Carbon dioxide (CO_2). Dry chemical.

Hazardous Combustion Products Carbon monoxide, Carbon dioxide (CO_2), Sulfur oxides, Nitrogen oxides (NOx), Aldehydes.

Explosion Data
Sensitivity to Mechanical Impact Not impact sensitive.
Sensitivity to Static Discharge Not sensitive.

Protective Equipment and Precautions for Firefighters In the event of fire, wear self contained breathing apparatus. Use personal protective equipment.

NFPA **Health Hazard** 3* **Flammability** 1 **Stability** 0 **Physical and Chemical Hazards** N/A

Personal Precautions Avoid contact with the skin and the eyes. Use personal protective equipment. Ensure adequate ventilation. Refer to Section 8.

Methods for Containment Contain and collect spillage with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see Section 13).

Methods for Cleaning Up Pick up and transfer to properly labeled containers. Clean contaminated surface thoroughly. Use personal protective equipment. Prevent product and washings from entering drains, sewers or surface water due to high toxicity to aquatic organisms.

Handling Wear personal protective equipment. Avoid contact with skin, eyes and clothing. Handle in accordance with good industrial hygiene and safety practice. Remove and wash contaminated clothing before re-use. Do not eat, drink or smoke when using this product.

Storage Keep at temperatures below 28°C. Keep out of the reach of children.

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Calcium carbonate 471-34-1		TWA: 5 mg/m^3 TWA: 15 mg/m^3	TWA: 5 mg/m^3 TWA: 10 mg/m^3
Calcium chromate 13765-19-0	TWA: 0.001 mg/m^3	TWA: 5 µg/m^3	IDLH: 15 mg/m^3 TWA: 0.001 mg/m^3
Titanium dioxide 13463-67-7	TWA: 10 mg/m^3	TWA: 15 mg/m^3	IDLH: 5000 mg/m^3
Strontium chromate 7789-06-2	TWA: 0.0005 mg/m^3	TWA: 5 µg/m^3	IDLH: 15 mg/m^3 TWA: 0.001 mg/m^3
Phenol 108-95-2	TWA: 5 ppm	TWA: 5 ppm TWA: 19 mg/m^3	IDLH: 250 ppm Ceiling: 60 mg/m^3 Ceiling: 15.6 ppm TWA: 5 ppm TWA: 19 mg/m^3
Formaldehyde 50-00-0		TWA: 0.75 ppm	IDLH: 20 ppm Ceiling: 0.1 ppm TWA: 0.016 ppm

Engineering Measures Showers, eyewash stations, and ventilation systems.

Personal Protective Equipment

Eye/Face Protection Safety glasses with side-shields.

Skin and Body Protection Wear protective gloves/clothing.

Respiratory Protection When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

Hygiene Measures Do not eat, drink or smoke when using this product. Remove and wash contaminated clothing before re-use. Handle in accordance with good industrial hygiene and safety practice.

Appearance Yellow **Odor** Sulphurous

Physical State	Paste/Gel	**pH**	No data available
Flash Point	> 93 °C / > 200 °F	**Method**	Closed cup
Autoignition Temperature	No data available	**Boiling Point/Range**	Not applicable
		Flammability Limits in Air	No information available
Explosion Limits	No information available		
Specific Gravity	1.53 g/cc	**Solubility**	Soluble in aromatic hydrocarbons and ketones
Evaporation Rate	No information available	**Vapor Pressure**	No information available
Vapor Density	No information available.	**Weight per Gallon (lbs)**	12.8
Actual VOC (lb/gal)	0.12	**EPA VOC (lb/gal)**	0.12
EPA VOC (g/l)	15	**Viscosity**	Thixotropic paste

Stability Stable under normal conditions.

Incompatible Products Incompatible with strong acids and bases.

Conditions to Avoid Burning produces obnoxious and toxic fumes. Avoid dust formation. Keep away from children.

Hazardous Decomposition Products Carbon oxides. Nitrogen oxides (NOx). Sulfur oxides. Toxic fumes.

Hazardous Polymerization Hazardous polymerization does not occur.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity

Product Information The product itself has not been tested. The product is harmful by inhalation and if swallowed.

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Calcium carbonate	6450 mg/kg (Rat)		
Calcium chromate	327 mg/kg (Rat)		
Titanium dioxide	10000 mg/kg (Rat)		
Strontium chromate	3118 mg/kg (Rat)		
Phenol	317 mg/kg (Rat)	525 mg/kg (Rat) 630 mg/kg (Rabbit)	
Formaldehyde	100 mg/kg (Rat)	270 mg/kg (Rabbit)	0.578 mg/L (Rat) 4 h 250 ppm (Rat) 4 h

Chronic Toxicity

Chronic Toxicity Repeated or prolonged skin contact may cause skin irritation and/or dermatitis and sensitization of susceptible persons. Substances known to be carcinogenic to man.

Carcinogenicity The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical Name	ACGIH	IARC	NTP	OSHA
Calcium chromate	A2	Group 1	Known	X

Titanium dioxide		Group 2B		X
Strontium chromate	A2	Group 1	Known	X
Formaldehyde	A2	Group 1	Reasonably Anticipated	X

Sensitization May cause sensitization of susceptible persons.

Target Organ Effects Liver, Kidney, Respiratory system, Digestive System.

Ecotoxicity

This product contains an ingredient that is classified, according to European regulations, as "harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment".

Chemical Name	Toxicity to Algae	Toxicity to Fish	Microtox	Daphnia Magna (Water Flea)
Phenol	EC50 = 150 mg/L 96 h	LC50 5 - 12 mg/L Oncorhynchus mykiss 96 h LC50= 23.88 mg/L Lepomis macrochirus 96 h LC50= 24 mg/L Pimephales promelas 96 h LC50= 27.8 mg/L Brachydanio rerio 96 h LC50= 40 mg/L Poecilia reticulata 96 h LC50= 8.9 mg/L Oncorhynchus mykiss 96 h	EC50 21 - 36 mg/L 30 min EC50 = 23.28 mg/L 5 min EC50 = 25.61 mg/L 15 min EC50 = 28.8 mg/L 5 min EC50 = 31.6 mg/L 15 min	LC50 = 13 mg/L 48 h EC50 = 23.0 mg/L 48 h
Formaldehyde		LC50= 0.10 mg/L Lepomis macrochirus 96 h LC50= 24.1 mg/L Pimephales promelas 96 h LC50= 41 mg/L Brachydanio rerio 96 h	EC50 = 1.2 mg/L 1 h EC50 = 16.5 mg/L 30 min EC50 = 3.7 mg/L 5 h EC50 = 5.39 mg/L 72 h EC50 = 6.81 mg/L 25 min EC50 = 7.26 mg/L 15 min EC50 = 9.0 mg/L 5 min	EC50 = 2 mg/L 48 h EC50 = 20 mg/L 96 h

Chemical Name	Log Pow
Phenol	= 1.47
Formaldehyde	= 0.35 25 °C

Waste Disposal Method Should not be released into the environment. Dispose of in accordance with local regulations.

Contaminated Packaging Do not re-use empty containers. Dispose of in accordance with local regulations.

Chemical Name	California Hazardous Waste Status
Calcium chromate	Toxic; Corrosive; Ignitable
Strontium chromate	Toxic; Corrosive; Ignitable
Phenol	Toxic; Corrosive
Formaldehyde	Toxic; Ignitable

DOT

Proper Shipping Name	Environmentally Hazardous Substance, solid, n.o.s. (calcium chromate, strontium chromate)
Hazard Class	9
UN-No	3077
Packing Group	III
Reportable Quantity (RQ)	169 pounds
Special Provisions	*Single containers with less than 168 pounds of base material are not regulated for* shipping.

IATA

UN-No	3077
Proper Shipping Name	Environmentally Hazardous Substance, solid, n.o.s. (calcium chromate, strontium chromate)
Hazard Class	9
Packing Group	III
ERG Code	171
Special Provisions	Single containers with less than 168 pounds of base material are not regulated for shipping.

IMDG/IMO

Proper Shipping Name	Environmentally Hazardous Substance, solid, n.o.s. (calcium chromate, strontium chromate)
Hazard Class	9
UN-No	3077
Packing Group	III
EmS No.	F-A, F-S
Special Provisions	Single containers with less than 168 pounds of base material are not regulated for shipping.

International Inventories

TSCA	Complies
DSL	Complies
EINECS/ELINCS	Does not Comply
ENCS	Does not Comply
IECSC	Complies
KECL	Complies
PICCS	Complies
AICS	Complies

U.S. Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

Chemical Name	CAS-No	Weight %	SARA 313 - Threshold Values %
Calcium chromate	13765-19-0	5-10	0.1
Strontium chromate	7789-06-2	0.5 - 1.0	0.1
Phenol	108-95-2	.01-.03	1.0
Formaldehyde	50-00-0	.0004-0.003	0.1

SARA 311/312 Hazard Categories

Acute Health Hazard	Yes
Chronic Health Hazard	Yes
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

Clean Water Act

Component	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Calcium chromate 13765-19-0 (5-10)	10 lb	X		X
Strontium chromate 7789-06-2 (0.5 - 1.0)	10 lb	X		X
Phenol 108-95-2 (.01-.03)	1000 lb	X	X	X
Formaldehyde 50-00-0 (.0004-0.003)	100 lb			X

Chemical Name	CAS-No	Weight %	HAPS data	VOC Chemicals	Class 1 Ozone Depletors	Class 2 Ozone Depletors
Calcium chromate	13765-19-0	5-10	Present (includes any unique chemical substance that contains Chromium as part of its infrastructure)			
Strontium chromate	7789-06-2	0.5 - 1.0	Present			
Phenol	108-95-2	.01-.03	Present	Group III		
Formaldehyde	50-00-0	.0004-0.003	Present	Group I		

CERCLA

Chemical Name	Hazardous Substances RQs	Extremely Hazardous Substances RQs
Calcium chromate	10 lb	
Strontium chromate	10 lb	
Phenol	1000 lb	1000 lb
Formaldehyde	100 lb	100 lb

U.S. State Regulations

Chemical Name	CAS-No	California Prop. 65
Calcium chromate	13765-19-0	Carcinogen
Strontium chromate	7789-06-2	Carcinogen
Formaldehyde	50-00-0	Carcinogen

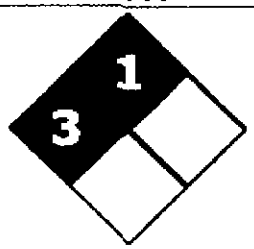
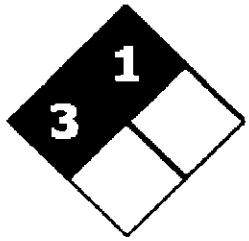
International Regulations

Mexico - Grade Moderate risk, Grade 2

Canada

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

WHMIS Hazard Class
D2A Very toxic materials
D2B Toxic materials

NFPA	HMIS	PPE	Transport Symbol
			

**Indicates a chronic health hazard.*

Prepared By David Jordan
Director of R&D

Issuing Date	January 25, 2010
Revision Date	January 22, 2010
Revision Note	(M)SDS sections updated. 1. 16.

Disclaimer

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

End of MSDS

Material Safety Data Sheet

Issuing Date December 30, 2009 **Revision Date** December 29, 2009 **Revision Number** 09

Product Name	**AC-®665 Catalyst**
Product Code(s)	AC-665 Catalyst
UN-No	Not regulated
Recommended Use	Hardener .
Company	Advanced Chemistry & Technology, Inc. 7341 Anaconda Avenue Garden Grove, CA 92841
Company Emergency Phone Number	714-373-2839 (8 AM to 5 PM Pacific)
Emergency Telephone Number	Chemtrec 1-800-424-9300

CAUTION!

Emergency Overview

May be harmful if inhaled
May cause skin, eye, and respiratory tract irritation
May be harmful if swallowed

Appearance Black **Physical State** Viscous liquid **Odor** Slight

OSHA Regulatory Status	This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).
Potential Health Effects	
Principle Routes of Exposure	Eye contact, Skin contact, Ingestion
Acute Toxicity	
Eyes	May cause slight irritation.
Skin	Substance may cause slight skin irritation.
Inhalation	May cause irritation of respiratory tract.
Ingestion	May be harmful if swallowed.
Chronic Effects	Repeated or prolonged skin contact may cause skin irritation and/or dermatitis and sensitization of susceptible persons.
Main Symptoms	Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting.
Aggravated Medical Conditions	Liver disorders. Kidney disorders. Central nervous system.
Interactions with Other Chemicals	No information available.
Environmental Hazard	May cause long-term adverse effects in the aquatic environment.

Chemical Name	CAS-No	Weight %
Hydrogenated terphenyls	61788-32-7	25 - 35
Terphenyls	26140-60-3	1 - 5
Manganese dioxide	1313-13-9	55 - 65

Eye Contact Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If eye irritation persists, consult a specialist.

Skin Contact Wash off immediately with soap and plenty of water. If skin irritation persists, call a physician. Remove and wash contaminated clothing before re-use.

Inhalation Move to fresh air. If symptoms persist, call a physician. If breathing is irregular or stopped, administer artificial respiration.

Ingestion Do not induce vomiting without medical advice. Consult a physician. Never give anything by mouth to an unconscious person.

Notes to Physician Treat symptomatically.

Protection of First-aiders Avoid contact with skin, eyes and clothing.

Flash Point > 110 °C / > 230 °F
Method Closed cup

Suitable Extinguishing Media Dry chemical, CO_2, water spray or alcohol-resistant foam.

Uniform Fire Code • Combustible Liquid: III-B

Hazardous Combustion Products Carbon oxides, Carbon monoxide, Carbon dioxide (CO_2)

Explosion Data
Sensitivity to Mechanical Impact Not sensitive.
Sensitivity to Static Discharge Not sensitive.

Specific Hazards Arising from the Chemical
In the event of fire and/or explosion do not breathe fumes. Do not allow run-off from fire fighting to enter drains or water courses.

Protective Equipment and Precautions for Firefighters As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

NFPA **Health Hazard** 1 **Flammability** 1 **Stability** 0 **Physical and Chemical Hazards** N/A

Personal Precautions Avoid contact with skin, eyes and clothing.

Methods for Containment Contain and collect spillage with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see Section 13).

Methods for Cleaning Up Prevent product from entering drains. Take up mechanically and collect in suitable container for disposal. Use personal protective equipment.

Handling Wear personal protective equipment. Handle in accordance with good industrial hygiene and safety practice. Remove and wash contaminated clothing before re-use.

Storage Keep tightly closed in a dry and cool place. Keep away from heat and sources of ignition. Keep at temperatures below 28°C..

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Hydrogenated terphenyls 61788-32-7	TWA: 0.5 ppm	(vacated) TWA: 0.5 ppm (vacated) TWA: 5 mg/m^3	TWA: 0.5 ppm TWA: 5 mg/m^3
Terphenyls 26140-60-3		(vacated) Ceiling: 0.5 ppm (vacated) Ceiling: 5 mg/m^3 Ceiling: 1 ppm Ceiling: 9 mg/m^3	IDLH: 500 mg/m^3
Manganese dioxide 1313-13-9	TWA: 0.2 mg/m^3	(vacated) Ceiling: 5 mg/m^3 Ceiling: 5 mg/m^3	IDLH: 500 mg/m^3 TWA: 1 mg/m^3 STEL: 3 mg/m^3

Engineering Measures
Showers
Eyewash stations
Ventilation systems.

Personal Protective Equipment

Eye/Face Protection Safety glasses with side-shields.

Skin and Body Protection Wear protective gloves/clothing. Wear latex or Nitrile gloves.

Respiratory Protection If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Respiratory protection must be provided in accordance with current local regulations.

Hygiene Measures Do not eat, drink or smoke when using this product. Remove and wash contaminated clothing and gloves, including the inside, before re-use. Handle in accordance with good industrial hygiene and safety practice.

Appearance	Black	**Odor**	Slight
Physical State	Viscous liquid	**pH**	Not applicable
Flash Point	> 110 °C / > 230 °F	**Method**	Closed cup
Autoignition Temperature	No information available	**Boiling Point/Range**	Not applicable
		Flammability Limits in Air	No information available
Explosion Limits	No information available		
Specific Gravity	1.97 g/cc	**Solubility**	Slightly soluble
Evaporation Rate	No information available	**Vapor Pressure**	No information available
Vapor Density	Heavier than air	**Weight per Gallon (lbs)**	16.4
Actual VOC (lb/gal)	0	**EPA VOC (lb/gal)**	0
EPA VOC (g/l)	0		

Stability Stable.

Incompatible Products Acids. Strong reducing agents.

Conditions to Avoid Excessive heat.

Hazardous Decomposition Products Carbon oxides. Nitrogen oxides (NOx). Thermal decomposition can lead to release of irritating gases and vapors.

Hazardous Reactions None under normal processing.

Hazardous Polymerization Hazardous polymerization does not occur.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity

Product Information The product is harmful by inhalation and if swallowed.

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Hydrogenated terphenyls	10200 mg/kg (Rat)	6800 mg/kg (Rabbit)	4.3 mg/L (Rat) 4 h
Terphenyls		12500 mg/kg (Rabbit)	
Manganese dioxide	9000 mg/kg (Rat)		

Chronic Toxicity

Chronic Toxicity Repeated or prolonged skin contact may cause skin irritation and/or dermatitis and sensitization of susceptible persons.

Carcinogenicity Contains no ingredient listed as a carcinogen.

Target Organ Effects Liver, Kidney, Skin, Central nervous system (CNS)

12. ECOLOGICAL INFORMATION

Ecotoxicity

The environmental impact of this product has not been fully investigated. May cause long-term adverse effects in the aquatic environment.

Chemical Name	Toxicity to Algae	Toxicity to Fish	Microtox	Daphnia Magna (Water Flea)
Hydrogenated terphenyls	EC50 > 0.53 mg/L 96 h	LC50> 0.53 mg/L Lepomis macrochirus 96 h LC50> 0.53 mg/L Oncorhynchus mykiss 96 h LC50> 0.53 mg/L Pimephales promelas 96 h		EC50 = 0.011 mg/L 48 h
Terphenyls	EC50 = 0.02 mg/L 96 h	LC50> 0.11 mg/L Lepomis macrochirus 96 h LC50> 0.11 mg/L Oncorhynchus mykiss 96 h LC50> 0.11 mg/L Pimephales promelas 96 h		EC50 > 0.11 mg/L 48 h

Persistence and Degradability No data is available on the product itself.

Chemical Name	Log Pow
Manganese dioxide	< 0 20 °C

Waste Disposal Method Dispose of in accordance with local regulations.

Contaminated Packaging Dispose of in accordance with local regulations.

Chemical Name	RCRA - Halogenated Organic Compounds	RCRA - P Series Wastes	RCRA - F Series Wastes	RCRA - K Series Wastes
Hydrogenated terphenyls - 61788-32-7				
Terphenyls - 26140-60-3				
Manganese dioxide - 1313-13-9				

DOT Not regulated
UN-No Not regulated

IATA Not regulated

IMDG/IMO Not regulated

International Inventories

TSCA	Complies
DSL	Complies
EINECS/ELINCS	Complies
ENCS	Does not Comply
IECSC	Complies
KECL	Complies
PICCS	Complies
AICS	Complies

U.S. Federal Regulations

SARA 313
Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372:

Chemical Name	CAS-No	Weight %	SARA 313 - Threshold Values %
Manganese dioxide	1313-13-9	*55 - 65*	*1.0*

SARA 311/312 Hazard Categories

Acute Health Hazard	No
Chronic Health Hazard	Yes
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

Clean Water Act

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)
This product contains the following substances which are listed hazardous air pollutants (HAPS) under Section 112 of the Clean Air Act:.

Chemical Name	CAS-No	Weight %	HAPS data	VOC Chemicals	Class 1 Ozone Depletors	Class 2 Ozone Depletors
Manganese dioxide	1313-13-9	55 - 65	Present (includes any unique chemical substance that contains Manganese as part of its infrastructure)			

CERCLA

U.S. State Regulations

California Proposition 65
This product does not contain any Proposition 65 chemicals.

Chemical Name	Massachusetts	New Jersey	Pennsylvania	Illinois	Rhode Island
Hydrogenated terphenyls	X		X		
Terphenyls	X	X	X		
Manganese dioxide		X	X	X	

International Regulations

Mexico - Grade Slight risk, Grade 1

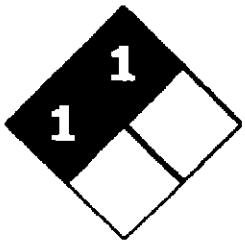
Chemical Name	Carcinogen Status	Exposure Limits
Hydrogenated terphenyls		Mexico: TWA= 0.5 ppm Mexico: TWA= 5 mg/m^3
Terphenyls		Mexico: Ceiling= 0.5 ppm
Manganese dioxide		Mexico: TWA= 0.2 mg/m^3

Canada

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

WHMIS Hazard Class
D2B Toxic materials

Chemical Name	NPRI
Manganese dioxide	X

NFPA	HMIS	PPE	Transport Symbol
	[redacted] 1 [redacted] 1 Reactivity 0	[redacted]	Not regulated

Prepared By	David Jordan Director of R&D
Issuing Date	December 30, 2009
Revision Date	December 29, 2009
Revision Note	(M)SDS sections updated. 1. 16.

Disclaimer

The information provided on this MSDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

End of MSDS