



**MATERIAL SAFETY DATA MATERIAL SAFETY  
DATA SHEET**

**REDIMIX 4209 CTP-50**

Version Number 1.0  
Revision Date 01/30/2009

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**1. PRODUCT AND COMPANY IDENTIFICATION**

Business Group name  
EXCEL CORPORATION EXCEL POLYMERS LLC

14330 Kinsman Road, Burton, OH 44021

Telephone : Product Stewardship (440) 834-4644  
Emergency telephone : CHEMTREC 1-800-424-9300 (24hrs for spill, leak, fire, exposure or accident).

Product name : REDIMIX 4209 CTP-50  
Product code : AD0000154460  
Chemical Name : Mixture  
CAS-No. : Mixture  
Product Use : Industrial Applications

**2. COMPOSITION/INFORMATION ON REGULATED INGREDIENTS**

Components	CAS-No.	Weight %
Petroleum distillates, hydrotreated light naphthenic	64742-53-6	0.1 - 1
Quartz	14808-60-7	0.1 - 1
Petroleum distillates, hydrotreated heavy naphthenic	64742-52-5	1 - 5
Titanium dioxide	13463-67-7	1 - 5
Kaolin	1332-58-7	30 - 60

**3. HAZARDS IDENTIFICATION**

**EMERGENCY OVERVIEW**

This mixture has not been evaluated as a whole for health effects. Information provided on health effects of this product is based on the individual components. In addition, heating or processing this material may result in product degradation or byproduct formation creating additional hazards. See Sections 8 and 11 for additional details.

**POTENTIAL HEALTH EFFECTS:  
POTENTIAL HEALTH EFFECTS**

Routes of Exposure : Inhalation, Skin contact, Ingestion  
Routes of Exposure:

MARKETED BY  
**HARWICK STANDARD  
DISTRIBUTION CORPORATION**

60 S. Seiberling Street • Akron, Ohio 44305



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Acute Effects of Exposure:

**Acute exposure**

- Inhalation : Irritating to respiratory system.
- Ingestion : May be harmful if swallowed.
- Eyes : Particulates, like other inert materials can be mechanically irritating.
- Skin : Experience shows no unusual dermatitis hazard from routine handling.

Chronic Effects of Exposure: : Refer to Section 11 for Toxicological Information.

**Chronic exposure**

Medical Conditions : None known.

Aggravated by Exposure:

**Medical Conditions**

**Aggravated by Exposure:**

**4. FIRST AID MEASURES**

- Inhalation : Move to fresh air. When symptoms persist or in all cases of doubt seek medical advice.
- Ingestion : Do not induce vomiting without medical advice. Seek medical attention if necessary.
- Eyes : Rinse immediately with plenty of water for at least 15 minutes. If eye irritation persists, seek medical attention.
- Skin : Wash off with soap and plenty of water.

**5. FIRE-FIGHTING MEASURES**

- Flash point : Not applicable
- Flammable Limits
- Flammable Limits
- Upper explosion limit : Not applicable
- Lower explosion limit : Not applicable
- Autoignition temperature : No data available
- Suitable extinguishing media : Use water spray, alcohol-resistant foam, dry chemical or carbon



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- dioxide..
- Special Fire Fighting Procedures : Fullface self-contained breathing apparatus (SCBA) used in positive pressure mode should be worn to prevent inhalation of airborne contaminants.
- Unusual Fire/Explosion Hazards : Carbon dioxide (CO<sub>2</sub>), carbon monoxide (CO), oxides of nitrogen (NO<sub>x</sub>), other hazardous materials, and smoke are all possible.

**6. ACCIDENTAL RELEASE MEASURES**

- Personal precautions : Avoid breathing dust. Avoid dust formation. Ensure adequate ventilation. Wear appropriate personal protection during cleanup, such as impervious gloves, boots and coveralls.
- Environmental precautions : Should not be released into the environment. The product should not be allowed to enter drains, water courses or the soil.
- Methods for cleaning up : Clean up promptly by sweeping or vacuum. Do not create a powder cloud by using a brush or compressed air. Shovel into suitable container for disposal. Refer to Section 13 of this MSDS for proper disposal methods.

**7. HANDLING AND STORAGE**

- Handling : Provide for appropriate exhaust ventilation and dust collection at machinery. Avoid formation of dust and aerosols.
- Storage : Store in a cool dry place. Keep away from open flames, hot surfaces and sources of ignition.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

- Respiratory protection : When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. Employees using respirators must be properly trained. Employers must follow applicable regulations such as OSHA 29 CFR 1910.134.
- Eye/Face Protection : Safety glasses with side-shields
- Hand protection : Protective gloves. Refer to equipment supplier to ensure protection.
- Skin and body protection : Long sleeved clothing
- Additional Protective Measures : Safety shoes



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General Hygiene Considerations : Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and immediately after handling the product.

Engineering measures : Adequate ventilation and/or appropriate respiratory protection may also be necessary to minimize employee exposure to processing vapors.

Exposure Limits  
Exposure limit(s)



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Components	Value	Exposure time	Exposure type	List:	
Kaolin	2 mg/m3	Time Weighted Average (TWA):	Respirable fraction.	ACGIH	
	10 mg/m3	Time Weighted Average (TWA):		MX OEL	
	20 mg/m3	Short Term Exposure Limit (STEL):		MX OEL	
	5 mg/m3	PEL:	Respirable fraction.	OSHA Z1	
	15 mg/m3	PEL:	Total dust.	OSHA Z1	
Petroleum distillates, hydrotreated heavy naphthenic	500 ppm 2,000 mg/m3	PEL:		OSHA Z1	
		PEL:		OSHA Z1	
Petroleum distillates, hydrotreated light naphthenic	500 ppm 2,000 mg/m3	PEL:		OSHA Z1	
		5 mg/m3	Time Weighted Average (TWA):	Mist.	ACGIH
		10 mg/m3	Short Term Exposure Limit (STEL):	Mist.	ACGIH
Quartz	0.025 mg/m3	Time Weighted Average (TWA):	Respirable fraction.	ACGIH	
	0.1 mg/m3	Time Weighted Average (TWA):	Respirable.	Z3	
	0.3 mg/m3	Time Weighted Average (TWA):	Total dust.	Z3	
	0.1 mg/m3	Time Weighted Average (TWA):		MX OEL	
Titanium dioxide	10 mg/m3	Time Weighted Average (TWA):		ACGIH	
	15 mg/m3	PEL:	Total dust.	OSHA Z1	
	10 mg/m3	Time Weighted Average (TWA):	as Ti	MX OEL	
	20 mg/m3	Short Term Exposure Limit (STEL):	as Ti	MX OEL	

**9. PHYSICAL AND CHEMICAL PROPERTIES**

Form	: Solid	Evaporation Rate	: Not applicable
Appearance	: powder, Crumb, pellets	Evaporation rate	: Not determined
		Specific Gravity	: Not determined
Color	: NO PIGMENT	Bulk Density Bulk	: Not determined
Color		density	
Odor	: Very faint	Vapor Pressure	: Not applicable
Odour		Vapour pressure	
Melting Point/range Melting	: Not applicable	Vapor Density	: Not applicable



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point/range		Vapour density	
Boiling Point	Boiling Point: : Not applicable	pH	pH : Not applicable
Solubility in Water	Water : negligible		
solubility			

**10. STABILITY AND REACTIVITY**

Stability : Stable.

Hazardous Polymerization : Will not occur.

Conditions to avoid : Heat, flames and sparks.

Incompatible Materials : Strong acids and oxidizing agents

Hazardous decomposition products : Carbon dioxide (CO<sub>2</sub>), carbon monoxide (CO), oxides of nitrogen (NO<sub>x</sub>), other hazardous materials, and smoke are all possible.

**11. TOXICOLOGICAL INFORMATION**

This mixture has not been evaluated as a whole for health effects. Exposure effects listed are based on existing health data for the individual components which comprise the mixture.

Product Group Specific Phrase  
Toxic Overview:

Toxicity Overview

This product contains the following components which in their pure form have the following characteristics:

CAS-No.	Chemical Name	Effect	Target Organ
CAS No.64742-53-6	Chemical NamePetroleum distillates, hydrotreated light naphthenic	Irritant	Eyes, Skin.
CAS No.14808-60-7	Chemical NameQuartz	Systemic effects	Eyes, Respiratory system.
CAS No.64742-52-5	Chemical NamePetroleum distillates, hydrotreated heavy naphthenic	Irritant	Eyes, Skin.
CAS No.13463-67-7	Chemical NameTitanium dioxide	Systemic effects	Respiratory system.
CAS No.1332-58-7	Chemical NameKaolin	Systemic effects	Respiratory system, digestive system.

Carcinogenicity:

Carcinogenicity

Carconogenicity Statement



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This product contains the following components which, in their pure form, have the following carcinogenicity data:

CAS-No.	Chemical Name	OSHA	IARC	NTP
64742-53-6	Petroleum distillates, hydrotreated light naphthenic	OSHA value no	IARC value 1	no
14808-60-7	Quartz	OSHA value no	IARC value 1	no
13463-67-7	Titanium dioxide	OSHA value no	IARC value 2B	no

**IARC Carcinogen Classifications:**

- 1 - The component is carcinogenic to humans.
- 2A - The component is probably carcinogenic to humans.
- 2B - The component is possibly carcinogenic to humans.

**NTP Carcinogen Classifications:**

- 1 - The component is known to be a human carcinogen.
- 2 - The component is reasonably anticipated to be a human carcinogen.

**Health Hazard Information:**

**Additional Health Hazard Information:**

**Quartz 14808-60-7** This material in its free releasable form may cause respiratory tract irritation. Long-term exposure may cause coughing, chest pain, diminished chest expansion and possibly silicosis, which is a scarring of the lungs.

**12. ECOLOGICAL INFORMATION**

- Persistence and degradability : No data available
- Environmental Toxicity : No data available
- Bioaccumulation Potential : No data available
- Additional advice : No data available

**13. DISPOSAL CONSIDERATIONS**

- Product : Where possible recycling is preferred to disposal or incineration. The generator of waste material has the responsibility for proper waste classification, transportation and disposal in accordance with applicable federal, state/provincial and local regulations.



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Contaminated packaging : Recycling is preferred when possible. The generator of waste material has the responsibility for proper waste classification, transportation and disposal in accordance with applicable federal, state/provincial and local regulations.

**14. TRANSPORT INFORMATION**

U.S. D.O.T./CA TDG Classification (Air) : Refer to specific regulation.  
U.S. DOT Classification

ICO/IATA Classification (Air) : Refer to specific regulation.  
ICAO/IATA (air)

IMO/IMDG Classification (Water) : Refer to specific regulation.  
IMO / IMDG (maritime)

**15. REGULATORY INFORMATION**

US Regulations:  
US Regulations:

OSHA Status : Classified as hazardous based on components.

TSCA Status : All components of this product are listed on or exempt from the TSCA Inventory.

US. EPA CERCLA Hazardous Substances (40 CFR 302)

Not applicable

California Proposition 65 : WARNING! This product contains a chemical known to the State of California to cause cancer.





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SARA Title III Section 302 Extremely Hazardous Substance

Unless specific chemicals are identified under this section, this product is Not Applicable under this regulation

-----SECTION - SARA313-----

SARA Title III Section 313 Toxic Chemicals:

Unless specific chemicals are identified under this section, this product is Not Applicable under this regulation

**Canadian Regulations:**

Canadian Regulations:

-----NPRI SECTION-----

National Pollutant Release Inventory (NPRI) National Pollutant Release Inventory (NPRI)

Not applicable

WHMIS Classification : D2A

DSL : All components of this product are on the Canadian Domestic  
Substances List (DSL) or are exempt.

National Inventories:

National Inventories:

Australia AICS : Listed

China IECS : Listed

Europe EINECS : Listed

Japan ENCS : Not determined

Korea KECI : Listed

EXCEL CORPORATION EXCEL POLYMERS  
LLC



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Philippines PICCS : Listed

**16. OTHER INFORMATION**

General Disclaimer Statement:

The information provided in this Safety Data Sheet 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 guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered 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 materials or in any process, unless specified in the text.