

# EXCEL POLYMERS LLC

## MATERIAL SAFETY DATA SHEET



### MASTERMIX SULFUR 4997 PASTE

Version Number 1.3  
Revision Date 03/16/2005

Page 1 of 6  
Print Date 2/12/2010

#### 1. PRODUCT AND COMPANY IDENTIFICATION

**EXCEL POLYMERS LLC**  
14330 Kinsman Road, Burton, OH 44021

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

Product name : MASTERMIX SULFUR 4997 PASTE  
Product code : AD00000807PP  
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	10 - 30
Distillates, petroleum, solvent-refined heavy naphthenic	64741-96-4	10 - 30
Petroleum distillates, hydrotreated heavy naphthenic	64742-52-5	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. However, some vapors or contaminants may be released upon heating and the end-user (fabricator) must take the necessary precautions (mechanical ventilation, respiratory protection, etc.) to protect employees from exposure. See sections 8 and 11 for special precautions.

#### POTENTIAL HEALTH EFFECTS

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

##### Acute exposure

Inhalation : Inhalation of airborne droplets may cause irritation of the respiratory tract.  
Ingestion : May be harmful if swallowed.  
Eyes : May cause eye/skin irritation.  
Skin : Experience shows no unusual dermatitis hazard from routine handling.

# EXCEL POLYMERS LLC

## MATERIAL SAFETY DATA SHEET



### MASTERMIX SULFUR 4997 PASTE

Version Number 1.3  
Revision Date 03/16/2005

Page 2 of 6  
Print Date 2/12/2010

**Chronic exposure** : Refer to Section 11 for Toxicological Information.

**Medical Conditions  
Aggravated by Exposure:** : None known.

#### 4. FIRST AID MEASURES

**Inhalation** : Move to fresh air in case of accidental inhalation of fumes from overheating or combustion. 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. If skin irritation persists seek medical attention.

#### 5. FIRE-FIGHTING MEASURES

**Flash point** : No data available

**Flammable Limits**  
Upper explosion limit : No data available  
Lower explosion limit : No data available  
Autoignition temperature : Not applicable  
Suitable extinguishing media : Carbon dioxide blanket, water spray, dry powder, foam.

**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** : Wear appropriate personal protection during cleanup, such as impervious gloves, boots and coveralls.

**Environmental precautions** : The product should not be allowed to enter drains, water courses or the soil. Should not be released into the environment.

**Methods for cleaning up** : Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Package all material in appropriate container for disposal. Refer to Section 13 of this MSDS for proper disposal methods.

**EXCEL POLYMERS LLC****MATERIAL SAFETY DATA SHEET****MASTERMIX SULFUR 4997 PASTE**Version Number 1.3  
Revision Date 03/16/2005Page 3 of 6  
Print Date 2/12/2010**7. HANDLING AND STORAGE**

- Handling : Heat only in areas with appropriate exhaust ventilation. Prolonged heating may result in product degradation.
- Storage : Keep containers dry and tightly closed to avoid moisture absorption and contamination. Store in a cool dry place.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

- Respiratory protection : Under normal handling conditions a respirator may not be required.
- Eye/Face Protection : Safety glasses with side-shields.
- Hand protection : Protective gloves.
- Skin and body protection : Long sleeved clothing.
- Additional Protective Measures : Safety shoes.
- General Hygiene Considerations : Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.
- Engineering measures : Heat only in areas with appropriate exhaust ventilation. Provide appropriate exhaust ventilation at machinery.

Exposure limit(s)

Components	Value	Exposure time	Exposure type	List:
Petroleum distillates, hydrotreated heavy naphthenic	500 ppm 2,000 mg/m3	PEL:	Vapor.	OSHA Z1
Petroleum distillates, hydrotreated light naphthenic	500 ppm 2,000 mg/m3	PEL:	Vapor.	OSHA Z1
Distillates, petroleum, solvent-refined heavy naphthenic	500 ppm 2,000 mg/m3	PEL:	Vapor.	OSHA Z1

**9. PHYSICAL AND CHEMICAL PROPERTIES**

- Form : liquid
- Appearance : liquid, Viscous liquid dispersion
- Color : NO PIGMENT
- Odor : Very faint
- Evaporation rate : Not established
- Specific Gravity: : Not determined
- Bulk density : Not applicable
- Vapor pressure : Not determined

# EXCEL POLYMERS LLC

## MATERIAL SAFETY DATA SHEET



### MASTERMIX SULFUR 4997 PASTE

Version Number 1.3  
Revision Date 03/16/2005

Page 4 of 6  
Print Date 2/12/2010

Melting point/range : Not applicable      Vapour density : Heavier than air.  
Boiling Point: : Not applicable      pH : Not determined  
Water solubility : Immiscible

#### 10. STABILITY AND REACTIVITY

Stability : Stable.  
Hazardous Polymerization : Will not occur.  
Conditions to avoid : Keep away from oxidizing agents and open flame. To avoid thermal decomposition, do not overheat.  
Incompatible Materials : Incompatible with 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.

##### Toxicity Overview

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

CAS-No.	Chemical Name	Effect	Target Organ
64742-53-6	Petroleum distillates, hydrotreated light naphthenic	Irritant	Eyes, Skin.
64742-52-5	Petroleum distillates, hydrotreated heavy naphthenic	Irritant	Eyes, Skin.

#### 12. ECOLOGICAL INFORMATION

Persistence and degradability : Not readily biodegradable.  
Environmental Toxicity : Environmental toxicity has not been established for this mixture as a whole.  
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

**EXCEL POLYMERS LLC**

**MATERIAL SAFETY DATA SHEET**



**MASTERMIX SULFUR 4997 PASTE**

Version Number 1.3  
Revision Date 03/16/2005

Page 5 of 6  
Print Date 2/12/2010

classification, transportation and disposal in accordance with applicable federal, state/provincial and local regulations.

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. DOT Classification : Refer to specific regulation.

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

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

**15. REGULATORY INFORMATION**

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 : This product does not contain a substance listed by California Prop 65.

SARA Title III Section 302 Extremely Hazardous Substance  
Not applicable

SARA Title III Section 313 Toxic Chemicals:

Not applicable  
Canadian Regulations:

National Pollutant Release Inventory (NPRI)

Not applicable

WHMIS Classification : D2B

# EXCEL POLYMERS LLC

## MATERIAL SAFETY DATA SHEET



### **MASTERMIX SULFUR 4997 PASTE**

Version Number 1.3  
Revision Date 03/16/2005

Page 6 of 6  
Print Date 2/12/2010

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

#### National Inventories:

Australia AICS : Listed  
China IECS : Not determined  
Europe EINECS : Listed  
Japan ENCS : Not determined  
Korea KECI : Listed  
Philippines PICCS : Listed

#### **16. OTHER INFORMATION**

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 when used in combination with any other materials and/or in any particular process or processing conditions.