



# SAFETY DATA SHEET

Revision Date 16-Apr-2019

Version 3

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

### Product identifier

**Product Name** 52,447TCP FDA LIME 2%  
**Description** POLYETHYLENE COMPOUND

### Other means of identification

**Product Code** 1137767

### Recommended use of the chemical and restrictions on use

**Recommended use** Production of polymeric products.  
**Uses advised against** None known

### Details of the supplier of the safety data sheet

#### **Manufacturer**

Teknor Color Company  
505 Central Avenue  
Pawtucket, RI 02861 USA  
800-556-3864

### SDS Contact (email of responsible person)

TeknorSDS@TeknorApex.com

### Emergency telephone number

#### **ChemTel 24-Hr Emergency Response Telephone Number:**

**USA Only: 800-255-3924**  
**International: 001-813-248-0585**  
**Contract #: MIS0006505**  
**China: 0532-83889090**

## 2. HAZARDS IDENTIFICATION

### Classification

#### **OSHA Regulatory Status**

Not a dangerous substance or mixture according to the Globally Harmonized System (GHS)

### Label elements

The product contains no substances which at their given concentration, are considered to be hazardous to health

**Appearance** - Pellets

**Physical State** - Solid

**Odor** - No data available

### Hazards not otherwise classified (HNOC)

None known

### Unknown acute toxicity

Not Applicable

**Other Information**

None known

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

The components of this product are embedded in an impervious polymer matrix and are therefore not biologically available. Any hazardous constituents are fixed in the polymer matrix and therefore present a negligible exposure risk under normal conditions of processing and handling. Additives contained in this product do not pose a risk to health unless they are liberated during processing (fumes from melting, dusts). Suitable Industrial Hygiene precautions should be implemented to prevent (respirable) dust and fume exposures. Exposure to (melting) fumes should be kept as low as possible, using suitable ventilation equipment. Dusts and fumes created from secondary processing may be irritating to respiratory tract and skin and should be considered as potentially hazardous. If user operations generate dust, fumes, or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

Chemical Name	CAS No	weight-%
ZINC COMPOUNDS	N982	50 - 55

**4. FIRST AID MEASURES****First Aid Measures**

<b>Eye contact</b>	Rinse thoroughly with plenty of water, also under the eyelids. Get medical attention if symptoms occur.
<b>Skin Contact</b>	Wash with soap and water.
<b>Inhalation</b>	None under normal use conditions.
<b>Ingestion</b>	Get medical attention.

**Most important symptoms and effects, both acute and delayed**

<b>Symptoms</b>	No information available.
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**Indication of any immediate medical attention and special treatment needed**

<b>Note to physicians</b>	Treat symptomatically
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**5. FIRE-FIGHTING MEASURES****Suitable Extinguishing Media**

Dry chemical, CO2 or water spray.

**Unsuitable Extinguishing Media** No information available.**Specific hazards arising from the chemical**

Thermal decomposition can lead to release of irritating and toxic gases and vapors.

**Hazardous combustion products**

Carbon monoxide. Carbon dioxide (CO2). Aldehydes. Organic Vapors.

**Explosion data****Sensitivity to Mechanical Impact** No information available.**Sensitivity to Static Discharge** Fine dust dispersed in air, in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard.**Protective equipment and precautions for firefighters**

Use personal protective equipment as required. In the event of fire and/or explosion do not breathe fumes.

## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

**Personal Precautions** Use personal protective equipment as required.

**Other Information** Not Applicable.

### Environmental Precautions

**Environmental Precautions** Do not allow into any sewer, on the ground or into any body of water.

### Methods and material for containment and cleaning up

**Methods for Containment** Prevent further leakage or spillage if safe to do so.

**Methods for Clean-Up** Pick up and transfer to properly labeled containers.

## 7. HANDLING AND STORAGE

### Precautions for safe handling

**Advice on safe handling** Use personal protective equipment as required. Handle in accordance with good industrial hygiene and safety practice.

### Conditions for safe storage, including any incompatibilities

**Storage Conditions** Keep container tightly closed.

**Incompatible Materials** None known based on information supplied

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH	Mexico OEL
ZINC COMPOUNDS	STEL: 10 mg/m <sup>3</sup> respirable fraction TWA: 2 mg/m <sup>3</sup> respirable fraction	TWA: 5 mg/m <sup>3</sup> fume TWA: 15 mg/m <sup>3</sup> total dust TWA: 5 mg/m <sup>3</sup> respirable fraction (vacated) TWA: 5 mg/m <sup>3</sup> fume (vacated) TWA: 10 mg/m <sup>3</sup> total dust (vacated) TWA: 5 mg/m <sup>3</sup> respirable fraction (vacated) STEL: 10 mg/m <sup>3</sup> fume	IDLH: 500 mg/m <sup>3</sup> Ceiling: 15 mg/m <sup>3</sup> dust TWA: 5 mg/m <sup>3</sup> dust and fume STEL: 10 mg/m <sup>3</sup> fume	

### Appropriate engineering controls

**Engineering Controls** Ensure adequate ventilation, especially in confined areas.

### Individual protection measures, such as personal protective equipment

**Eye/face Protection** Wear safety glasses with side shields (or goggles).

**Skin and Body Protection** No special technical protective measures are necessary.

**Respiratory Protection** No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

**General Hygiene Considerations** Handle in accordance with good industrial hygiene and safety practice.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

<b>Physical State</b>	Solid	<b>Odor</b>	No information available
<b>Appearance</b>	Pellets	<b>Odor Threshold</b>	No information available
<b>Color</b>	No information available		

<u>Property</u>	<u>Values</u>	<u>Remarks - Method</u>
pH	Not Applicable	
Melting point/freezing point	Not Applicable	
Boiling point / boiling range	Not Applicable	
Flash Point	Not Applicable	
Evaporation Rate	Not Applicable	
Flammability (solid, gas)	Not Applicable	
Flammability Limit in Air		
Upper Flammability Limit	Not Applicable	
Lower Flammability Limit	Not Applicable	
Vapor Pressure	Not Applicable	
Vapor Density	Not Applicable	
Specific Gravity	Not Applicable	
Water solubility	Negligible	
Solubility in other solvents	Not Applicable	
Partition coefficient	Not Applicable	
Autoignition Temperature	Not Applicable	
Decomposition temperature	Not Applicable	
Kinematic viscosity	Not Applicable	
Dynamic viscosity	Not Applicable	
Explosive properties	Not Applicable	
Oxidizing properties	Not Applicable	
Molecular weight	Not Applicable	

## 10. STABILITY AND REACTIVITY

### Reactivity

No data available.

### Chemical stability

Stable under normal conditions.

### Possibility of Hazardous Reactions

None under normal processing.

### Conditions to Avoid

Avoid overheating to minimize fume production.

### Incompatible Materials

None known based on information supplied.

### Hazardous Decomposition Products

Carbon monoxide, Carbon dioxide (CO<sub>2</sub>), Aldehydes, Organic Vapors

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

<b>Inhalation</b>	Avoid breathing vapors or mists.
<b>Eye contact</b>	No data available.
<b>Skin Contact</b>	No data available.

**Ingestion****Information on toxicological effects**

**Symptoms** No information available.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Sensitization** No information available.  
**Germ cell mutagenicity** No information available.  
**Carcinogenicity** The table below indicates whether each agency has listed any ingredient as a carcinogen.  
**Reproductive toxicity** No information available.  
**STOT - single exposure** No information available.  
**STOT - repeated exposure** No information available.  
**Aspiration hazard** Not Applicable.

**Numerical measures of toxicity - Product Information**

No information available

**12. ECOLOGICAL INFORMATION****Ecotoxicity**

No information available

**Persistence and degradability**

No information available.

**Bioaccumulation**

No information available.

**Mobility**

No information available.

**Other adverse effects**

No information available

**13. DISPOSAL CONSIDERATIONS****Waste treatment methods**

**Disposal of wastes** Disposal should be in accordance with applicable regional, national and local laws and regulations.

**Contaminated packaging** Dispose of in accordance with federal, state and local regulations.

**14. TRANSPORT INFORMATION**

**DOT** Not regulated

**IATA** Not regulated

**IMDG** Not regulated

**15. REGULATORY INFORMATION****International Inventories**

TSCA

Complies

**Legend:**

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

**US 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 %
ZINC COMPOUNDS	N982	50 - 55	1.0
ELEMENTAL ZINC IN ZINC COMPOUNDS	MN982	40 - 45	1.0

**SARA 311/312 Hazard Categories**

Acute Health Hazard	NO
Chronic Health Hazard	NO
Fire hazard	NO
Sudden release of pressure hazard	NO
Reactive Hazard	NO

**US State Regulations****California Proposition 65**

As formulated this product does not contain any Proposition 65 chemicals

**Other Regulations****EU Regulation (EC) No. 1907/2006 (REACH)**

As formulated, this product does not contain any ingredients listed as an SVHC above 0.1%.

**Hazardous Substances Restricted or Prohibited in Electrical Equipment (2011/65/EU and GB/T 26572)**

As formulated, this compound complies with the EU RoHS Directive (2011/65/EU) (RoHS 2, as amended by 2015/863) and China RoHS 2 (GB/T 26572) and does not contain any restricted materials above threshold levels.

**Conflict Minerals**

As formulated, the raw materials used in this product do not intentionally contain any of the "Conflict Minerals". Conflict Minerals consist of Gold, Columbite-Tantalite (Tantalum), Cassiterite (Tin), and Wolframite (Tungsten) that originate from the Democratic Republic of Congo or adjoining countries.

**16. OTHER INFORMATION****NFPA**

Health Hazards 0

Flammability 1

Instability 0

Physical and Chemical  
Properties -

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**Disclaimer**

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**End of Safety Data Sheet**