



SAFETY DATA SHEET

Revision Date 15-Apr-2019

Version 2

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

Product identifier

Product Name 11,800TCP FDA GLIT.GOLD 4%
Description POLYETHYLENE COMPOUND

Other means of identification

Product Code 1137769

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-%
Mica-group minerals	12001-26-2	10 - 15
Iron Oxide	1309-37-1	5 - 10
ALUMINUM	7429-90-5	<1

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

Eye contact Rinse thoroughly with plenty of water, also under the eyelids. Get medical attention if symptoms occur.

Skin Contact Wash with soap and water.

Inhalation None under normal use conditions.

Ingestion Get medical attention.

Most important symptoms and effects, both acute and delayed

Symptoms No information available.

Indication of any immediate medical attention and special treatment needed

Note to physicians Treat symptomatically

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
Mica-group minerals	TWA: 3 mg/m ³ respirable particulate matter	(vacated) TWA: 3 mg/m ³ respirable dust <1% Crystalline silica TWA: 20 mppcf <1% Crystalline silica	IDLH: 1500 mg/m ³ TWA: 3 mg/m ³ containing <1% Quartz respirable dust	Mexico: TWA 3 mg/m ³
Iron Oxide	TWA: 5 mg/m ³ respirable particulate matter	TWA: 10 mg/m ³ fume TWA: 15 mg/m ³ total dust TWA: 5 mg/m ³ respirable fraction (vacated) TWA: 10 mg/m ³ fume and total dust Iron oxide (vacated) TWA: 5 mg/m ³ respirable fraction regulated under Rouge	IDLH: 2500 mg/m ³ Fe dust and fume TWA: 5 mg/m ³ Fe dust and fume	Mexico: TWA 5 mg/m ³ Mexico: STEL 10 mg/m ³
ALUMINUM	TWA: 1 mg/m ³ respirable particulate matter	TWA: 15 mg/m ³ total dust TWA: 5 mg/m ³ respirable fraction (vacated) TWA: 15 mg/m ³ total dust (vacated) TWA: 5 mg/m ³ respirable fraction (vacated) TWA: 5 mg/m ³ Al Aluminum	TWA: 10 mg/m ³ total dust TWA: 5 mg/m ³ respirable dust TWA: 5 mg/m ³ Al	Mexico: TWA 10 mg/m ³ Mexico: TWA 5 mg/m ³

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**

Physical State	Solid	Odor	No information available
Appearance	Pellets	Odor Threshold	No information available
Color	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 (CO₂), Aldehydes, Organic Vapors

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Inhalation	Avoid breathing vapors or mists.
Eye contact	No data available.
Skin Contact	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

<u>DOT</u>	Not regulated
<u>IATA</u>	Not regulated
<u>IMDG</u>	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 does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

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

<u>NFPA</u>	Health Hazards 0	Flammability 1	Instability 0	Physical and Chemical Properties -
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Supersedes Date:	25-Mar-2019
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End of Safety Data Sheet