Safety Data Sheet for **SCC CODE : 78757**

Section 1. Chemical Product and Company Identification

Print Date: 01-05-2021

Description:	Revision Date
GRAY	12-10-2020

SCC CODE: 78757 **VENDOR CODE: 78757**

Recommended use of the substance or mixture and restrictions on use:
Polymer preparations of color and/or additives for industrial use

Manufacturer's Name: **Standridge Color Corporation**
Address: **1196 East Hightower Trail, Social Circle, Georgia 30025**
Emergency Phone: **770-464-3362** **Phone:** **770-464-3362** **Fax:** **770-464-2202**

Section 2. Hazards Identification

If small particles are generated during further processing such as grinding, etc, may form combustible dust concentrations in air. Spills of this product may present a slipping hazard.

INHALATION SIGNS AND SYMPTOMS OF EXPOSURE

May cause temporary discomfort to upper respiratory tract due to mechanical irritation when exposures are above the occupational exposure limit.

SKIN AND EYE CONTACT SIGNS AND SYMPTOMS OF EXPOSURE

May cause irritation to skin in certain individuals.

SKIN ABSORPTION SIGNS AND SYMPTOMS OF EXPOSURE

Not likely to occur.

INGESTION SIGNS AND SYMPTOMS OF EXPOSURE

None known

CARCINOGENICITY

Carbon black has been evaluated by IARC as possibly carcinogenic to humans (Group 2B) based on "sufficient evidence" in animals and "inadequate evidence in humans". Recent evidence indicates that the phenomenon of carcinogenicity in the rat lung is species-specific, resulting from persistent overloading of the rat lung with poorly soluble particles <1.0 micrometer in diameter.Mortality studies of carbon black in manufacturing workers do not show an association between carbon black exposure and elevated lung cancer rates. The ACGIH (American Conference of Governmental Industrial Hygienists) classifies carbon black as A4, Not Classifiable as a Human Carcinogen.

Polycyclic Aromatic Hydrocarbon (PAH) or polynuclear aromatics (PNA) content of manufactured carbon blacks: In non-adsorbed forms, some PAHs have been found to be carcinogens in animal studies.In-vitro studies indicate that the PAHs contained in carbon black are not bioavailable. Modern production and quality control procedures are generally able to maintain extractable PAH levels to less than 0.1% (<1000 ppm) in carbon black with PAHs regulated as carcinogens representing a smaller fraction of the extractables. Extractable PAH content

CARCINOGENICITY

depends on numerous factors including, but not limited to, the manufacturing process and the ability of the analytical procedure to identify and measure extractable PAHs. High purity furnace blacks contain PAHs not exceeding 0.5 PPM. There are no known human carcinogenic effects related to the PAH content of carbon blacks. Recent research has shown that the PAH content of carbon blacks is not released in biological fluids and thus not available for biological activity, according to information from Carbon Black manufacturers and the ICBA (International Carbon Black Association).
Carbon Black is a California Proposition 65 listed substance if all three qualifiers are met (Airborne, unbound (not bound within a matrix), and respirable size (10 micrometers or less in diameter).

HEALTH HAZARDS (BOTH ACUTE AND CHRONIC)

Exposure to carbon black may cause minor skin irritation and respiratory irritation. Precautions against breathing dust should be followed when handling and working with material containing carbon black. Carbon Black (airborne, unbound particles of respirable size =<10 micrometers) is a California Proposition 65 listed substance. As sold, the carbon black is encapsulated into a polymer matrix.

Section 3. Composition, Information on Ingredients

Chemical Common Name	Cas Number	PERCENTAGE RANGE		
CARBON BLACK(PIGMENT BLACK 7) CLASS D2A WHMIS CANADA	1333-86-4	0	-	10
POLY((6-(1,1,3,3-TETRAMETHYLBUTYL)AMINO)-S-TRIAZINE-2,4-DIYL)((2,2,6,6-TETRAMETHYL-4-PIPERIDYL)IMINO)HEXAMETHYLENE(2,2,6,6-TETRAMETHYL-4-PIPERIDYL)IMINO))	70624-18-9	0	-	10
TITANIUM DIOXIDE(PIGMENT WHITE 6) (WHMIS CLASS D2A)	13463-67-7	30	-	40
PIGMENT GREEN 26(12% COBALT,42% CHROMIUM III,16% ZINC; ALL SARA 313 Reportable-100% Cobalt Compound,100% Chromium Compound,100% Zinc Compound)	68187-49-5	.6	-	.6
DIMETHYL SUCCINATE POLYMER WITH 4-HYDROXY-2,2,6,6-TETRAMETHYL-1-PIPERINEETHANOL	65447-77-0	0	-	10

Any concentration shown as a range is to protect confidentiality or batch variation.
There are no additional ingredients present which are classified as hazardous to health or have established exposure limits.

See carcinogenic information on carbon black.

Components on TSCA list.

Carbon Black has been evaluated by IARC as possibly carcinogenic to humans (Group 2B). This product contains chemical(s) known to the State of California to cause cancer and/or birth defects or other reproductive harm. Carbon Black (airborne, unbound particles of respirable size) is listed on

Proposition 65.

This product contains chemical(s) known to the State of California to cause cancer and/or birth defects or other reproductive harm

Titanium Dioxide as airborne, unbound particles of respirable size is listed on California Proposition 65. Only forms of TIO2 meeting these qualifiers are required to be labelled for Prop 65. Encapsulated Tio2 in plastic does not meet these qualifiers. Titanium Dioxide is classified as IARC 2B possibly carcinogenic to humans based on animal studies

Section 4. First Aid Measures

FIRST AID FOR SKIN

Molten Resins: Remove under running stream of water. Do not attempt to remove resin from skin. Get medical attention.

FIRST AID FOR EYES

This product is a solid. If in eye, remove as one would any foreign object.

FIRST AID FOR INHALATION AND INGESTION

In case of adverse exposure to vapors and/or aerosols formed at elevated temperatures, immediately remove victim from exposure. Administer artificial respiration if breathing stopped. Get medical attention. Ingestion not anticipated.

Section 5. Fire Fighting Measures

Foam	Alcohol Foam	Co2	Dry Chemical	Water Fog	Other	Flash Point	Flash Method
YES	YES	YES	YES	YES	NO	N/A	N/A

SPECIAL FIREFIGHTING PROCEDURE

Standard procedures for class A fires.

UNUSUAL FIRE AND EXPLOSION HAZARDS

Product as shipped is not a flammable dust. However, it can be a flammable dust when fines <200 mesh are suspended in air.

Section 6. Accidental Release Measures

ACCIDENTAL RELEASE MEASURES

Sweep up spilled material for use or disposal.

ACCIDENTAL RELEASE MEASURES

Section 7. Handling and Storage

HANDLING AND STORAGE

Keep away from sparks and open flame.This product may react with strong oxidizing agents and should not be stored near such materials. Store in a sprinklered warehouse.

VENTILATION (LOCAL EXHAUST, MECHANICAL, SPECIAL, OTHER)

Recommended over extruders.

OTHER PRECAUTIONS

No additional Data

Section 8. Exposure Controls, Personal Protection

Chemical Common Name	OSHA	ACGIH	OTHER	NTP	IARC	OSHA	PROP65	TSCA	313
CARBON BLACK(PIGMENT BLACK 7) CLASS D2A WHMIS CANADA	3.5 MG/M3*	3.5 MG/M3*		N	Y	N	Y	Y	N
POLY((6-(1,1,3,3-TETRAMETHYLBUTYL)AMINO)-S-TRIAZINE-2,4-DIYL)((2,2,6,6-TETRAMETHYL-4-PIPERIDYL)IMINO)HEXAMETHYLENE(2,2,6,6-TETRAMETHYL-4-PIPERIDYL)IMINO))	NOT EST.	NOT EST.	0.5MG/M3I.E.L.	N	N	N	N	Y	N
TITANIUM DIOXIDE(PIGMENT WHITE 6) (WHMIS CLASS D2A)	15MG/M3 TWA	10MG/M3 TWA	TWA10MG/M3	N	Y	N	Y	Y	N
PIGMENT GREEN 26(12% COBALT,42% CHROMIUM III,16% ZINC; ALL SARA 313 Reportable-100% Cobalt Compound,100% Chromium Compound,100% Zinc Compound)	15MG/M3*	10MG/M3*		N	Y	N	N	Y	Y
DIMETHYL SUCCINATE POLYMER WITH 4-HYDROXY-2,2,6,6-TETRAMETHYL-1- PIPERINEETHANOL	NOT EST.	NOT EST.	IEL10MG/M3	N	N	N	N	Y	N

Note: N=Not listed, Y=Listed

RESPIRATORY PROTECTION

Appropriate respirator selected and used in accordance with OSHA Subpart I (29 C FR 1910.134) required when exposure to airborne contaminant is likely to exceed limits for nuisance dusts.

VENTILATION

Recommended over extruders.

VENTILATION

PROTECTIVE GLOVES

Recommended

EYE PROTECTION

Safety glasses with side shields recommended.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT

None advised

WORK/HYGIENIC PRACTICES

Use good industrial hygiene practices.

Section 9. Physical and Chemical Properties

Appearance (physical state, color, etc.): solid plastic pellet
Upper/lower flammability or explosive limits: no data available
Flammability (solid, gas): no data available
Odor: odorless to slight odor
Odor threshold: no data available
Vapor Pressure: no data available
Vapor Density: lighter than air
pH: no data available
Relative density: no data available
Melting point/freezing point: no data available
Solubility(ies): negligible
Flash Point: no data available
Initial boiling point and boiling range: no data available
Auto-ignition temperature: no data available
Evaporation rate: no data available
Partition coefficient: n-octanol/water: no data available
Decomposition temperature: no data available
Viscosity: no data available

Section 10. Stability and Reactivity

STABILITY:

STABLE

HAZARDOUS POLYMERIZATION:

WILL NOT OCCUR

INCOMPATIBILITY (MATERIALS TO AVOID):

Strong oxidizing agents.

CONDITONS TO AVOID:

Avoid contact with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

None known

11. Toxicological Information

INGESTION

Please refer to section two for any available information on potential health effects. None expected from the pellet form. No toxicological testing available for the encapsulated product.

SKIN

Please refer to section two for any available information on potential health effects. No toxicological testing available for the encapsulated product.

EYE

Please refer to section two for any available information on potential health effects. No toxicological testing available for the encapsulated product.

INHALATION

Negligible hazard at ambient temperature (0-100 Deg F). Vapors and aerosols may be formed at elevated temperatures.

12. Ecological Information

ECOLOGICAL INFORMATION

Plastic pellets are defined by US EPA under the Clean Water Act(40CFR 122.26) as a "SIGNIFICANT MATERIAL" which may require a storm water permit. Material in pellet form may mechanically cause adverse effects if ingested by waterfowl or aquatic life.

13. Disposal Considerations

WASTE DISPOSAL

Dispose of in accordance with local, state, and federal regulations. State or local hazardous waste regulations may apply if different from the federal.

WASTE DISPOSAL

14. Transportation Information

U.S. Department of Transportation (DOT): Not regulated for this mode of transport.
International Maritime Dangerous Goods (IMDG): Not regulated for this mode of transport.
International Air Transportation Authority (IATA): Not regulated for this mode of transport.

15. Regulatory Information

No additional Data

16. Other Information

OTHER INFORMATION

The information contained herein is believed to be correct and was obtained from sources believed by Standridge Color to be accurate. However, no guarantee or warranty of any kind expressed or implied is made with respect to the information contained here.(7)

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HMIS (Hazardous Materials Identification System) Rating:
0=Minimal, 1=Slight, 2=Moderate, 3=Serious, 4=Extreme (* designates chronic hazard)

Important: Due to variables in customer's processes, Standridge Color Corporation can not be liable for end use products. While Standridge Color strives to provide quality products, our customers must be aware of the possibility that some colorants may have problems in final applications. It will be the customer's responsibility to subject end use products to practical tests to assure quality in each application. Some pigments used may have a tendency to migrate, and should be subjected to migration tests to demonstrate non-migration of the colorant from the finished product. Migration is only one example of how application might change the product.