

(b) (4)

October 18, 2018

(b) (6)
Swedish Match
1121 Industrial Drive
Owensboro, KY 42302

(b) (6)

Re:

(b) (4)

Supplying Plant: (b) (4)

Dear (b) (6)

This letter (which may be referred to below as "Statement") is submitted in response to your request concerning the Goods and compliance with certain legal standards or requirements as explained below. This Statement applies only to Goods shipped from the plant identified above.

(b) (4) and its affiliates operating at the above plant may be referred to as "Seller" and the buyer of Goods may be referred to as "Buyer" or "customer." Resins, colorants, additives, and other materials used in the production of Goods may be referred to as "Materials" and suppliers of such Materials may be referred to as "Suppliers." All statements are made to the best of Seller's knowledge, as of the date above, and are subject to the disclaimer at the end of this Statement.

FDA Status

The Materials selected to formulate the Goods are listed in one or more of the following sections of Title 21, Code of Federal Regulations:

- All resins comply with 21 CFR 177.1520 "Olefins Polymers"
- Concentrates, where applicable, comply with 21 CFR 178.3297, "Colorants for Polymers" and CONEG Model legislation regarding heavy metal content.

The sections above list raw materials approved by the U.S. Food and Drug Administration (FDA) for use in food contact applications, such as packaging, and are subject to good manufacturing practices and any limitations contained in applicable United States regulations. This statement refers to the extraction limitations only, not to the Good's physical utility. It is the responsibility of the Buyer to determine if the Goods are suitable for their intended use.

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Disclaimer

Seller does not conduct any independent tests of Materials and disclaims any responsibility to do so. Seller does not manufacture the Materials, the Materials are purchased from outside, unaffiliated Suppliers that have provided Material Safety Data Sheets or other information on which this Statement is wholly based. ASIDE FROM THE STATEMENTS ABOVE, NO WARRANTY, EXPRESS OR IMPLIED, INCLUDING ANY WARRANTY OF MERCHANTABILITY, FITNESS FOR ANY PURPOSE, OR ANY OTHER WARRANTY OR GUARANTEE IS MADE OR IMPLIED REGARDING THE MATERIALS OR THE GOODS OR THE REPRESENTATIONS OF THE SUPPLIERS, THE RESULTS TO BE OBTAINED FROM THE USE OF THE GOODS, THE SAFETY OF THE GOODS, OR THE HAZARDS CONNECTED WITH THE USE OF THE GOODS. ALL SUCH WARRANTIES ARE EXCLUDED.

This Statement is not intended to modify any existing supply agreement or other agreement between the parties or relieve Buyer from its obligations to: (i) comply with applicable laws, (ii) provide accurate data for decorating and labeling of Goods, and (iii) use the Goods in a manner consistent with those data. Seller disclaims any responsibility for and shall not be liable for: (i) any modification of the Goods after shipment, (ii) Buyer's use or storage that may result in degradation of the Goods or migration of other chemicals into the Goods, (iii) any non-conforming Materials or any modification of Materials by a Supplier, (iv) any addition to or amendment of any applicable European, U.S., state or local laws or regulations relating to the Materials, or the Goods, or (v) actions required by Suppliers or Buyer to comply with applicable European, U.S., state, and local laws relating to the Materials or the Goods. Buyer is responsible for determining and applying the law and regulations that may be applicable to the intended use of the Goods and determining if the Goods are suitable for their intended use. The chemical compositions for the Materials and the Goods may be proprietary formulations and, if so, are confidential.

This Statement: (i) is effective only as of the above date, (ii) is not assignable, (iii) revokes any prior statements or representations by Seller with respect to the subject matter, (iv) is subject to Suppliers' statements and disclaimers (copies of which will be provided upon written request), and (v) may be withdrawn by Seller at any time.

Should you need additional information concerning the composition of the Goods, you may contact your sales or customer service representative.

Sincerely,

(b) (6)

Regulatory Compliance & Vendor Information Management

(b) (4)

(b) (4)

Polypropylene (b) (4)

Technical Data Sheet
Impact Copolymer

Produced in the United States

Description

Polypropylene (b) (4) is a nucleated impact copolymer with a (b) (4)

(b) (4) is characterized by very low warpage, improved stiffness, and high impact resistance balance, excellent antistatic properties and has been formulated to allow faster cycling through early demolding.

(b) (4) complies with all applicable FDA regulations for food contact applications.

(b) (4) has been developed specifically for the injection molding of thin-walled articles and compounding

Characteristics

	Method	Unit	Typical Value
Rheological Properties			
(b) (4)			
Mechanical Properties			

(b) (4)

Thermal Properties⁽¹⁾

(b) (4)

Other Physical Properties

(b) (4)

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Polypropylene Impact Copolymer

Safety Data Sheet

According to Regulation 2012 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200

Section 1: Identification

1.1. Product identifier

Product form

Product Identifier(s)

(b) (4)

CAS No

1.2. Recommended use of the chemical and restrictions on use

Use of the substance/mixture : Manufacture of plastic articles

1.3. Details of the supplier of the safety data sheet

(b) (4)

1.4. Emergency telephone number

Emergency number

(b) (4)

Section 2: Hazards identification

2.1. Classification of the substance or mixture

GHS-US classification

Combustible Dust

2.2. Label elements

GHS-US labeling

Signal word (GHS-US)

: Warning

Hazard statements (GHS-US)

: If small particles are generated during further processing, handling or by other means, may form combustible dust concentrations in air

2.3. Hazards not otherwise classified

No additional information available

2.4. Unknown acute toxicity (GHS US)

Not applicable

2.5. Additional information

Based on conditions common to industrial workplace use of this product

: Plastic bag or liner may cause a static ignition hazard.
Spilled pellets may create a slipping hazard. Sweep up spillage and dispose of properly.
Skin or eye contact with hot polymer can cause thermal burns.

Date of issue: 04/17/2017

EN (English US)

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Safety Data Sheet

Processing the polymer at high temperatures may form vapors that irritate the eyes and respiratory tract.

Section 3: Composition/Information on ingredients

3.1. Substance

Not applicable

3.2. Mixture

Name	CAS No	%
(b) (4)		

Section 4: First aid measures

4.1. Description of first aid measures

- First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. If necessary seek medical advice.
- First-aid measures after skin contact : Gently wash with plenty of soap and water. Heated Material: For serious burns from heated material, get medical attention. In case of skin contact, immediately immerse in or flush with clean, cold water. Do not attempt to remove adhered material from skin.
- First-aid measures after eye contact : Rinse eyes with water as a precaution. Obtain medical attention if irritation persists. In case of eye contact with hot material, cool immediately with plenty of water and obtain immediate medical treatment.
- First-aid measures after ingestion : Remove material from mouth. Rinse mouth out with water. Do NOT induce vomiting.

4.2. Most important symptoms and effects, both acute and delayed

- Symptoms/effects after inhalation : Nuisance dusts can be irritating to the upper respiratory tract. Irritating vapors may form when the polymer is processed at high temperatures.
- Symptoms/effects after skin contact : Contact with skin or eyes with hot material may cause serious thermal burns to skin or eyes.
- Symptoms/effects after eye contact : Dust from this product may cause minor eye irritation. Contact with skin or eyes with hot material may cause serious thermal burns to skin or eyes.
- Symptoms/effects after ingestion : No effects are expected for ingestion of small amounts. May be a choking hazard.

4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

Section 5: Firefighting measures

5.1. Extinguishing media

- Suitable extinguishing media : For small fire: Dry chemical, Carbon dioxide, Water. For large fire: Foam, Water spray.
- Unsuitable extinguishing media : Do not use a solid water stream as it may scatter and spread fire.

5.2. Special hazards arising from the chemical

- Fire hazard : May be combustible at high temperature. Vapors generated from overheating/melting/decomposition may be flammable and may cause fire/explosion if source of ignition is present.
- Explosion hazard : Potential dust explosion hazard. When dust becomes airborne and is exposed to an ignition source, sufficient combustible/flammable dust may exist to burn in the open or explode if confined.
- Hazardous decomposition products in case of fire : Carbon oxides (CO, CO₂). Aldehydes, Ketones. Hydrocarbons. Fire will produce dense black smoke. Soot.

5.3. Advice for firefighters

- Firefighting instructions : Fight fire from safe distance and protected location. Avoid raising powdered materials into airborne dust, creating an explosion hazard. Apply aqueous extinguishing media carefully to prevent frothing/steam explosion. Prevent fire-fighting water from entering environment.
- Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.
- Other information : May re-ignite itself after fire is extinguished.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

- Emergency procedures for non-emergency personnel : Material creates a slipping hazard on hard surfaces. Clean up spills from walking surfaces immediately.

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6.2. Methods and material for containment and cleaning up

Methods for cleaning up : On land, sweep or shovel into suitable containers. Do not allow water contaminated with pellets or powder to enter any waterway, sewer or drain.

Other information : Dispose of contaminated material at an authorized site. Notify authorities if product enters sewers or public waters.

6.3. Reference to other sections

No additional information available

Section 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Wear personal protective equipment. Do not overheat the product. Avoid contact with heated product to prevent burns.

When handled in bulk quantities, this product and its associated packaging may present a crushing hazard due to the large masses involved, possibly resulting in severe injury or death.

Combustible dust precautions: Handling this product may result in electrostatic accumulation. Use proper grounding procedures. Use only non-sparking tools. Avoid raising powdered material due to explosion hazard. Prevent the build-up of electrostatic charge. The plastic packaging film used to secure bags of material on pallets can also develop static electricity -- remove packaging film in an area free from ignitable vapors/dust.

Processing or material handling equipment may generate dust of sufficiently small particle size, that when suspended in air may be explosive. Dust accumulations should be controlled through a comprehensive dust control program that includes, but is not limited to, source capture, inspection and repair of leaking equipment, routine housekeeping and employee training in hazards. Refer to the latest edition of the National Fire Protection Association (NFPA) 654 publication, "Standard for the Prevention of Fire and Dust Explosions in the Chemical, Dye, Pharmaceutical, and Plastics Industries", for complete discussion on dust explosion prevention and control measures.

Hygiene measures : Do not eat, drink or smoke when using this product. Keep away from food and drink. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Ground/bond container and receiving equipment. Electrostatic charges may be generated when emptying sacks. It is recommended that sacks are emptied away from explosive atmospheres.

Storage conditions : Store at room temperature. Protect from heat and direct sunlight. Store in dry, cool, well-ventilated area.

Incompatible materials : Strong oxidizing agents.

Section 8: Exposure controls/personal protection

8.1. Occupational Exposure Limits

The following constituents are the only constituents of the product which have a PEL, TLV, or other recommended exposure limit. At this time, the other constituents have no known exposure limits.

Polypropylene Impact Copolymer (b) (4)		
USA ACGIH	ACGIH TWA (mg/m ³)	10 mg/m ³ (Inhalable fraction) 3 mg/m ³ (Respirable Particles)
USA ACGIH	Remark (ACGIH)	Particulates, not otherwise classified
USA OSHA	OSHA PEL (TWA) (mg/m ³)	5 mg/m ³ Respirable fraction
USA OSHA	Remark (OSHA)	Note: OSHA Total Dust 15 mg/m ³

8.2. Exposure controls

Appropriate engineering controls : Provide readily accessible eye wash stations and safety showers. Ensure adequate ventilation. If handling results in dust generation or high temperatures, local exhaust ventilation should be provided to insure that exposure to dust or decomposition products does not exceed the exposure recommended levels.

Hand protection : Use insulated gloves when handling this material hot.

Eye protection : Safety glasses.

Skin and body protection : Wear suitable protective clothing. Safety foot-wear.

Respiratory protection : In case of insufficient ventilation, wear suitable respiratory equipment.

Other information : In case of risk of overexposure to dust, vapour or fumes (during product processing), it is recommended that a local exhaust system is placed above the conversion equipment (a fume hood) and the working area must be properly ventilated.

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Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Solid
Appearance	: Pellets.
Color	: Translucent. Opaque.
Odor	: Paraffin odor.
Odor threshold	: No data available
pH	: Not applicable
Relative evaporation rate (butyl acetate=1)	: Negligible.
Melting point	: 120 - 170 °C
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapor pressure	: No data available
Relative vapor density at 20 °C	: No data available
Relative density	: No data available
Solubility	: Water: Negligible.
Log Kow	: No data available
Viscosity, kinematic	: Not applicable
Viscosity, dynamic	: No data available
Explosion limits	: No data available

9.2. Other information

No additional information available

Section 10: Stability and reactivity

10.1. Reactivity

Flowing product can create electrical charge, resulting sparks may ignite dust or cause an explosion in some concentration ranges.

10.2. Chemical stability

The product is stable at normal handling and storage conditions.

10.3. Possibility of hazardous reactions

Dust may form explosive mixture in air.

10.4. Conditions to avoid

Avoid dust formation. Avoid the build-up of electrostatic charge. Heat. Open flame, Sparks. Direct sunlight.

10.5. Incompatible materials

Strong oxidizing agents.

10.6. Hazardous decomposition products

Hazardous decomposition products formed under fire conditions: carbon monoxide, carbon dioxide, toxic fumes.

Section 11: Toxicological information

11.1. Information on toxicological effects

Likely routes of exposure	: Inhalation. Ingestion. Skin and eye contact.
Acute toxicity	: Not classified
Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	: Not classified
Respiratory or skin sensitization	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified

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Reproductive toxicity	: Not classified
Specific target organ toxicity – single exposure	: Not classified
Specific target organ toxicity – repeated exposure	: Not classified
Aspiration hazard	: Not classified

Section 12: Ecological information

12.1. Toxicity

Ecology - general	: The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.
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12.2. Persistence and degradability

Polypropylene Impact Copolymer (b) (4)	
Persistence and degradability	This material is persistent in the environment. Not readily biodegradable.
BOD (% of ThOD)	Below detection limit

12.3. Bioaccumulative potential

Polypropylene Impact Copolymer (b) (4)	
Bioaccumulative potential	This product is not expected to bioaccumulate through food chains in the environment.

12.4. Mobility in soil

Polypropylene Impact Copolymer (b) (4)	
Ecology - soil	low mobility.

12.5. Other adverse effects

Other information	: Avoid release to the environment.
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Section 13: Disposal considerations

13.1. Waste treatment methods

Waste treatment methods	: This product has been evaluated for RCRA characteristics and does not meet the criteria of a hazardous waste if discarded in its purchased form. Under RCRA, it is the responsibility of the user of the product to determine at the time of disposal, whether the product meets RCRA criteria for hazardous waste. Transfer to a safe disposal area in accordance with federal, state, and local regulations.
Waste disposal recommendations	: Recycle the material as far as possible.
Additional information	: May be used as fuel in suitably designed installations.

Section 14: Transport information

US Transport (DOT) for Bulk Shipments (Non-Bulk Shipments May Differ)

Not regulated by US DOT

Transport by sea (IMDG)

Not regulated by IMDG

Air transport (IATA)

Not regulated by IATA

Section 15: Regulatory information

15.1. US Federal regulations

EPA TSCA Status

All components of this product are listed or exempt from listing on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory.

SARA Section 313 Supplier Notification

This product contains no toxic chemicals in excess of the applicable de minimis concentration that are subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

SARA Section 311/312 Hazard Classes	Fire hazard
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Polypropylene Impact Copolymer

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Export Control Classification Number (ECCN): EAR99 (No License Required)

15.2. International regulations

CANADA

Polypropylene Impact Copolymer (b) (4)

WHMIS Classification

This product is not regulated according to WHMIS classification criteria

National inventories

No additional information available

15.3. US State regulations

No additional information available

Section 16: Other information

Other information

: Unless agreed to in a separate written agreement with Customer, Total Petrochemicals & Refining USA, Inc. makes no representations and disclaims all warranties, express or implied, with respect to biocompatibility and/or the suitability of this product for medical device applications including : (i) implantable devices intended for human or animal body, (ii) devices intended to be used in contact with internal body fluids, and (iii) devices intended to be used in contact with internal body tissues. If Customer intends to use this product for any such application, it must first contact Total Petrochemicals & Refining USA, Inc. and establish agreed terms and conditions for such use.

NFPA (National Fire Protection Association)

NFPA health hazard

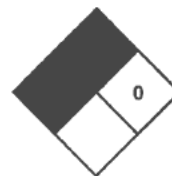
: 0

NFPA fire hazard

: 1

NFPA reactivity

: 0



Hazard Rating

Health

: 0

Flammability

: 1

Physical Hazard

: 0

Personal protection

: See section 8 of SDS

US OSHA LABEL as specified under 29 CFR §1910.1200 (f)

Polypropylene Impact Copolymer

(b) (4)

Warning

If small particles are generated during further processing, handling or by other means, may form combustible dust concentrations in air

Supplemental Information: Based on conditions common to industrial workplace use of this product

Plastic bag or liner may cause a static ignition hazard.

Spilled pellets may create a slipping hazard. Sweep up spillage and dispose of properly.

Skin or eye contact with hot polymer can cause thermal burns.

Processing the polymer at high temperatures may form vapors that irritate the eyes and respiratory tract.

Version : 2.1

Date of issue : April 17, 2017

(b) (4)

Polypropylene Impact Copolymer

Safety Data Sheet

The information contained in this Safety Data Sheet (SDS) is believed by Total Petrochemicals & Refining USA, Inc. (TPRI) to be accurate on the date issued. However, materials may present unknown hazards and should be used with caution. Final determination of suitability and use of any material is the sole responsibility of the user. Neither TPRI nor any of its subsidiaries or affiliated companies assumes any liability whatsoever for the accuracy or completeness of the information contained herein or reliance thereto. If the material is repackaged, the user is responsible and must ensure that proper health, safety and other necessary information is included with the material and/or on the container. NO WARRANTIES OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE MADE REGARDING THE MATERIALS OR THE INFORMATION CONTAINED IN THIS SDS. ALTERATION OF THIS DOCUMENT IS STRICTLY PROHIBITED.

(b) (4)

Plastics Innovation - Transforming Ideas Into Reality

ISO Certified Quality System

Technical Data Sheet

(b) (4)

Code:

(b) (4)

(b) (4)

This is a Colorant compound dispersed into a Linear Low Density Polyethylene resin and should process without any hesitancy at normal extrusion conditions.

Carrier Resin

Type:

Melt Flow:

Density:

(b) (4)

Concentrate / Compound

Pigment/Additive Loading:

Melt Flow:

Specific Gravity:

Heat Stability:

Pellets per Gram:

CONEG Compliant: YES

FDA Approved: YES

* Specific FDA regulation compliance can be provided upon request

JDE# N/A

(b) (4)

The information contained herein is believed to be reliable, but no representations, guarantees or warranties of any kind are made as to its accuracy, suitability for particular applications or the results to be obtained there from. The information is based on laboratory work with small-scale equipment and does not necessarily indicate end product performance. Because of the variation in methods, conditions and equipment used commercially in processing these materials, no warranties or guarantees are made as to the suitability of the products for the application disclosed. Full-scale testing and end product performance are the responsibility of the user. (b) (4) shall not be liable for and the customer assumes all risk and liability of any use or handling of any material beyond (b) (4) control. (b) (4) MAKES NO WARRANTIES, EXPRESSED OR IMPLIED, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

Container Components, Primary Container/Closure Composition (Can/Lid),
Primary Container/Closure Composition Alternative

Safety Data Sheet for SCC CODE : (b) (4)

Section 1. Chemical Product and Company Identification

Print Date: 10-25-2018

Description:

Revision Date

(b) (4)

06-19-2017

SCC CODE: (b) (4)

VENDOR CODE:

Recommended use of the substance or mixture and restrictions on use:

Polymer preparations of color and/or additives for industrial use

Manufacturer's Name: (b) (4)

(b) (4)

Section 2. Hazards Identification

Not a hazardous substance or preparation according to the Global Harmonized System (GHS), or not classified under GHS.

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

None known. Dust is basically inert.

SKIN AND EYE CONTACT SIGNS AND SYMPTOMS OF EXPOSURE

None known. Abrasive irritation is expected if in eyes.

SKIN ABSORPTION SIGNS AND SYMPTOMS OF EXPOSURE

None likely to occur.

INGESTION SIGNS AND SYMPTOMS OF EXPOSURE

None known.

CARCINOGENICITY

Titanium Dioxide is classified as IARC 2B, possibly carcinogenic to humans, based on animal studies. Real world epidemiological studies conducted by the Titanium Dioxide Stewardship Council (TDSC) in both Europe and the U.S. manufacturing plants over a period of more than 40 years do not show an increase in lung cancer in the workforce as a result of exposure to titanium dioxide dust. There is no human evidence to suggest that TiO₂ in any form is an occupational carcinogen.

HEALTH HAZARDS (BOTH ACUTE AND CHRONIC)

Emergency and first aid procedures: Molten resins: If molten material comes in contact with the skin, cool under running stream of water. DO NOT attempt to remove the resin from the skin. Removal could result in severe tissue damage. Get medical attention.

Section 3. Composition, Information on Ingredients

Container Components, Primary Container/Closure Composition (Can/Lid),
Primary Container/Closure Composition Alternative

Safety Data Sheet for

SCC CODE : (b) (4)

Chemical Common Name

Cas Number

PERCENTAGE RANGE

(b) (4)

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.

Components on TSCA list. * indicates dust and mist.

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 less than 200 mesh are suspended in air.

Safety Data Sheet for

SCC CODE : (b) (4)

UNUSUAL FIRE AND EXPLOSION HAZARDS

Section 6. Accidental Release Measures

ACCIDENTAL RELEASE MEASURES

Sweep up spilled material for use or disposal.

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

Use local ventilation.

Section 8. Exposure Controls, Personal Protection

Chemical Common Name	OSHA	ACGIH	OTHER	NTP	IARC	OSHA	PROP65	TSCA	313
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(b) (4)

Note: N=Not listed, Y=Listed

RESPIRATORY PROTECTION

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

VENTILATION

Recommended over extruders.

PROTECTIVE GLOVES

Recommended

EYE PROTECTION

Container Components, Primary Container/Closure Composition (Can/Lid),
Primary Container/Closure Composition Alternative

Safety Data Sheet for

SCC CODE : (b) (4)

EYE PROTECTION

Safety glasses with side shields recommended.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT

Use local ventilation.

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

Container Components, Primary Container/Closure Composition (Can/Lid),
Primary Container/Closure Composition Alternative

Safety Data Sheet for

SCC CODE : (b) (4)

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

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. No toxicological testing available for the encapsulated product.

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

See 40 CFR 261. Dispose of in accordance with local, state, and federal regulations. State or local hazardous waste regulations may apply if different from the federal.

14. Transportation Information

Container Components, Primary Container/Closure Composition (Can/Lid),
Primary Container/Closure Composition Alternative

Safety Data Sheet for

SCC CODE : (b) (4)

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 (b) (4) to be accurate. However, no guarantee or warranty of any kind expressed or implied is made with respect to the information contained here. (48)

H F R
1 1 0

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, (b) (4) can not be liable for end use products. While (b) (4) 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.