



1) CHEMICAL PRODUCT AND COMPANY IDENTIFICATION:

TPP20AL5608BK

Talc Filled Polypropylene

Manufactured by:

Ferro Corporation

Filled and Reinforced Plastics Division

5001 O'Hara Dr.

Evansville, IN USA 47711

HMIS RATINGS: 1 HEALTH
1 FLAMMABILITY
0 REACTIVITY

Facility informational number:

812-423-5218

24 Hour informational number:

216-641-5324

2) COMPOSITION / INFORMATION ON INGREDIENTS:

Chemical Name: Talc filled polypropylene preparation

Chemical Family: Polypropylene

Product Appearance: Opaque, natural, or colored pellets

3) HAZARDS IDENTIFICATION:

This product is not hazardous as defined in 29 CFR 1910.1200.

This is a polymeric material. All constituents are embedded within the polymeric matrix and present no likelihood of exposure during handling and normal processing conditions.

- At decomposition temperatures, fumes may be released that are irritating and toxic.
- Contact with molten material causes burns.
- Static charge accumulation is possible, which can result in incendiary spark discharge.
- In the form of a fine dust, explosive dust-air mixtures may be possible.

*** EMERGENCY OVERVIEW ***

Product is in the form of natural or colored plastic pellets and can burn in a fire, releasing toxic vapors, gases and fumes. Presents no other unusual hazards during a fire. Spilled pellets can be a slip hazard.

POTENTIAL HEALTH EFFECTS:

EYE CONTACT:

Particles may scratch eye surfaces, causing mechanical irritation.

SKIN CONTACT:

Little hazard at ambient temperatures (up to 300 degrees F).
Molten product can cause burns.

INHALATION:

Little hazard at ambient and processing temperatures.
At higher (Decomposition) temperatures, product may begin to give off vapors or aerosols which may temporarily irritate the mouth, nose, throat and lungs.

4) FIRST AID MEASURES:

EYE CONTACT:

Flush eyes with water. If irritation continues, see a physician.

SKIN CONTACT:

For hot product, cool burned area with clean, cool water. Cover area with a clean bandage and seek medical attention. If molten material is stuck to skin or clothing, do not try to remove it. The damaged flesh underneath the material can be easily torn. Cover area with a clean bandage and get medical attention immediately.

INHALATION:

If exposed to excessive levels of dusts or fumes, remove to fresh air and get medical attention if cough or other symptoms develop.

INGESTION:

Unlikely. First aid is normally not required.

5) FIRE FIGHTING MEASURES:

Material will burn in a fire, giving off oxides of carbon, and other toxic vapors, gases and fumes. As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Use any conventional fire extinguishing media. Do not direct high pressure water spray directly at burning plastic because it could splatter, burning firefighters and spreading the fire.

6) ACCIDENTAL RELEASE MEASURES:

Recover spilled material and place in suitable containers for recycling or disposal.

Avoid runoff into sanitary sewers.

Avoid runoff into ditches or storm sewers that lead to waterways.

Spilled pellets can be a slip hazard.

7) HANDLING AND STORAGE:

Use proper grounding procedures when performing bulk transfers of this material.

Keep away from flame.

Store in dry area.

To avoid contamination, keep containers closed when not in use.

8) EXPOSURE CONTROLS AND PERSONAL PROTECTION:

During processing, use adequate general and/or local ventilation to keep dusts and fumes below exposure limits.

Wear safety glasses with side shields.

When material is heated, wear gloves and arm protection to protect against thermal burns.

9) PHYSICAL AND CHEMICAL PROPERTIES:

Plastic pellets, natural or colored, with a mild plastic odor.

Specific gravity: 1.05

Melting point: > 275 degrees F

10) STABILITY AND REACTIVITY:

Material is stable.

At decomposition temperatures, material can release vapors, gases, and fumes which may contain traces of acrolein, formaldehyde, other aldehydes and, other low molecular weight hydrocarbons.

Hazardous polymerization will not occurs

11) TOXICOLOGY INFORMATION:

Information available suggests this material, as shipped by Ferro, to be of very low toxicity regardless of routes of exposure. Degradation products may include trace amounts of chemicals listed as carcinogens by various agencies, including ACGIH, NTP, and State of California (Prop 65).

12) ECOLOGICAL INFORMATION:

These plastic pellets are inert materials, not expected to decompose and constituents are not expected to leach out into the environment. Avoid runoff into storm sewers or ditches that lead to water ways. Fish and waterfowl may unintentionally ingest pellets that reach their habitat.

13) DISPOSAL CONSIDERATION:

Recycle or reprocess if possible. This material, as shipped from Ferro, is not considered a hazardous waste under RCRA. Please check state and local regulations for disposal instructions. Used packaging may be re-used, recycled, or landfilled.

14) TRANSPORT INFORMATION:

Not regulated under DOT. Not considered a "dangerous good" for transport.

15) REGULATORY INFORMATION:

TSCA:

The components of this product are listed on the TSCA Inventory. Not subject to TSCA Section 12(b) Export Notification Requirements.

CERCLA:

This product is not subject to CERCLA reporting requirements.

SARA 313:

This product contains the following materials subject to SARA 313 reporting requirements:
None

CLEAN WATER ACT:

Plastic pellets are defined by the U.S.E.P.A. under the Clean Water Act as a "significant material" which requires any industrial plant that may expose pellets to storm water to obtain a storm water discharge permit.

Please check your local regulatory agencies for additional requirements.

16) OTHER INFORMATION:

For additional product information, please contact your technical sales representative. For additional health and safety information, please call 812-423-5218.

The information and recommendations contained in this Material Safety Data Sheet have been compiled from sources believed to be reliable and to represent the most reasonable current opinion on the subject when the MSDS was prepared. No warranty, guarantee, or representation is made as to the correctness or sufficiency of the information. The user of this product must decide what safety measures are necessary to safely use this product, either alone or in combination with other products, and determine its environmental regulatory compliance obligations under any applicable federal or state laws.

DATE PREPARED: November 29, 2000

Supersedes all previous issues

This material safety data sheet conforms to the latest edition of ANSI/ISO 11014.