

SAFETY DATA SHEET

Product Name: Tec-Purge

1. Product and Company Identification

PRODUCT NAME: Tec-Purge

MANUFACTURER: JTS Tech Products Inc.
1322 Old Zeller Drive
Kitchener, Ontario N2A 0C6

EMERGENCY PHONE: (519) 569-0420

Preparation Date: March 19, 2015

Revision Date: March 19, 2015

2. Hazard Information

Emergency Overview

Colour: White – Grayish White

Physical State Pellet

Odour None noted

Hazards of Product Slipping hazard

Potential Health Effects

Eye Contact: Solid or dust may cause irritation or corneal injury due to mechanical action. Elevated temperatures may generate vapour levels sufficient to cause eye irritation. Effect may include discomfort and redness

Skin Contact: Under elevated temperatures, contact with the material may cause thermal burners

Inhalation: Under elevated temperatures, vapours / fumes released during thermal processing may cause respiratory irritation

Ingestion: Low toxicity

3. Composition / Information On Ingredients

Components Trade Secret

Inorganic Salts
Inert minerals
Thermoplastic Polyolefin

All component(s) comprising this product are either exempt or listed on the TSCA inventory

4. First Aid Measure

Eye Contact Flush eyes thoroughly with water for several minutes.
Skin Contact If molten material comes in contact with the skin, do not apply ice but cool under running stream of water. DO NOT attempt to remove the material from the skin. Removal could result in severe tissue damage. Seek medical attention immediately
Inhalation Move person to fresh air; if effects occur or continue, consult a physician
Ingestion If swallowed, seek medical attention. May cause gastrointestinal blockage. Do not give laxatives. Do not induce vomiting unless directed by medical

5. Fire Fighting Measures

Extinguishing Media Water fog or fine spray. Carbon Dioxide fire extinguisher. Foam
Fire Fighting Procedures Keep people away. Isolate fire and deny unnecessary entry. Soak thoroughly with water to cool and prevent re-ignition. If material is molten, do not apply direct water stream. Use fine water spray or foam. Cool surroundings with water to localize fire zone.
Special Protective Equipment for Firefighters Wear positively-pressure self-contained breathing apparatus (SCBA) and protective fire fighting clothing. If protective equipment is not available or not used, fight fire from a protected location or safe distance
Unusual Fire and Explosion hazard Pneumatic conveying and other mechanical handling operations can generate combustible dust. To reduce the potential for dust explosions, do not permit dust to accumulate

6. Accidental Release Measures

Step to be taken if Material is released or Spilled: Contained the spilled material if possible.
Sweep up, Collect in suitable and properly labeled containers
Personal Precautions: Spilled material may cause a slip hazard. Use appropriate safety equipment
Environmental Precautions: Prevent from entering into soil, sewers, waterways and/or groundwater

7. Handling and Storage

General Handling:	No smoking, open flame or sources of ignition in handling and storage area. Good housekeeping and controlling of dust are necessary for safe handling of product. Avoid breathing process fumes. Use with adequate ventilation.
Storage	Store in accordance with good manufacturing practices

8. Exposure Controls / Personal Protection

Exposure Limits	Consult local authorities for recommended exposure limits
Personal Protection	
Eye / Face Protection	Use safety glasses.
Skin Protection	Clean body-covering clothing. Gloves – selection will depend on the task. Insulated gloves maybe required for thermal protection
Respiratory Protection	Respiratory protection should be worn when there is a potential to exceed the exposure limit requirements or guideline
Ingestion	Use good personal hygiene. Do not consume or store food in the work area. Wash hands before smoking or eating.

9. Physical and Chemical Properties

Physical	Pellets
Colour	White – Grayish White
Odour	None noted
Flash Point	N/A (not applicable)
Flammable Limits	N/A (not applicable)
Autoignition Temperature	N/A (not applicable)
Vapour Pressure	N/A (not applicable)
Boiling Point	N/A (not applicable)
Specific Gravity	
Freezing Point	
Solubility in Water	negligable
pH	N/A (not applicable)
Decomposition Temperature	> 280° F (>138°C)

10. Stability and Reactivity

Stability	Stable at temperatures below 280°F.
Hazardous Polymerization	Will not occur

Thermal Decomposition At temperature exceeding the melt temperature, fumes / vapour can be released. Fumes can be irritating.

Materials to Avoid Acids, Alkalis, Halides. Combustible materials, Oxidizing materials and Reducing agents. **Do not use this purge with Delrin™ or other Acetal type products.**

11. Toxicological Information

Acute Toxicity

Ingestion

Low toxicity

Skin Absorption

May cause skin irritation

Inhalation

Airborne dust may be irritating to eyes, nose, lungs, throat upon contact

Chronic Toxicity

Carcinogenicity

Ingredients are Not on IRAC or ACGIH listing

12. Ecological Information

Ecotoxicological

Fish Species

2000 mg / liter LC50 (Lepomis macrochirus) 96 hours

2000 mg / liter LC50 (Oncorhynchus mykiss) 96 hours

Acute Crustaceans

Not available

Freshwater Algae

Not available

13. Disposal Considerations

Do Not Dump into any sewers, on the ground or into any body of water. All disposal practices must be in compliance with all Federal, State / Provincial and local laws and regulations. Regulation may vary in different locations. Waste characterization and compliance with applicable laws are the responsibility solely of the waste generator. AS THE SUPPLIER, WE HAVE NO CONTROL OVER THE MANAGEMENT PRACTICES OR MANUFACTURING PPROCESSES OF PARTIES HANDLING OR USING THE MATERIAL. THE INFORMATION PRESENTED HERE PERTAINS ONLY TO THE PRODUCT AS SHIPPED IN ITS INTENDED CONDITIONS AS DESCRIBE IN SDS SECTION: Composition information. For the Unused and Uncontaminated product, the preferred option includes sending to a licensed, permitted: Recycler, Reclaimer, Incinerator or other thermal destruction device. Landfill

14. Transportation Information

TDG small container

Not regulated

TDG Large container

Not regulated

IMDG

Not regulated

ICAO / IATA

Not regulated

15. Regulatory Information

US Toxic Substance Control Act

All components of this product are on the TSCA inventory or are exempt from TSCA inventory requirement under 40CFR 720.30

CEPA- Domestic Substance List

All substances contained in this product are listed on the Canadian Domestic Substances List (DSL) or are not required to be listed

Hazardous Products Act Information: CPR Compliance

The CPR has classified this product in accordance with the hazard criteria of the Canadian Controlled Products Regulations (CPR) and the SDS Contains all the information required.

Hazardous Products Act Information WHMIS Classification

This product is not a "Controlled Product" under WHMIS

16. Other Information

We cannot anticipate all the conditions in which this information and our product will be used; therefore we accept no responsibility for the results obtained by the application of this information or the safety and suitability of our products. Users are informed to please make your own tests to determine the safety and suitability of our product in their specific application. Product sold without warranty and buyers accept all responsibility and liability for loss or damage resulting from the handling or use of this product.

Prepared by: JTS Tech Products Inc.

Date: March 19, 2015