SAFETY DATA SHEET

1. Identification of the Substance/Preparation and Company/Undertaking

Material:	Turcite® B Slydway®
Trade name:	Turcite® B Slydway®
Supplier:	Trelleborg Sealing Solutions Americas
Address:	2531 Bremer Road Fort Wayne, IN 46803

Revision Date: 4/30/2018

In an emergency call CHEMTREC @ 800-424-9300

2. Hazards Identification

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

This material is not hazardous under criteria of the Federal OSHA Hazard Communication Standard (29CFR 1910.1200)

No GHS Hazard Symbol required

3. Composition/Information on Ingredients

Chemical Name	CAS Number	Wt. %
Chromium III Compound	7440-47-3	0.5
Polytetrafluoroethylene	9002-84-0	NA

All ingredients not identified are considered proprietary. This product as a whole, as shipped, is nonhazardous. If this product is overheated, it can liberate decomposition products that are harmful if inhaled.

4. First Aid Measures

Eye Contact:	Immediately flush with plenty of water for at least 15 minutes and have eyes examined and treated by medical personnel.
Skin Contact:	Wash material off the skin with plenty of soap and water. If redness, itching, or burning sensation develops, get medical attention. For thermal burn, cool quickly with water and get medical attention.
Ingestion:	Do not induce vomiting. Drink a large volume of milk or water. Seek medical attention.
Inhalation:	Remove the person to fresh air. Give oxygen if breathing is difficult. Seek medical attention.

Medical Conditions Aggravated by Exposure: existing allergic skin problems or respiratory disorders such as asthma could be aggravated by exposure to particulate matter generated during machining.

5. Fire Fighting Measures

NFPA: **Health:** 1 **Flammability:** 0 **Instability:** 0

Fire Extinguishing Media:	Water, Foam
Special Fire Fighting Procedures:	Self-contained breathing apparatus (SCBA), NIOSH approved, and full bunker gear should be used to enter a confined fire space.
Unusual Fire and Explosion Hazards:	Above 570°F, this material may undergo degradation to compounds which may result in temporary influenza-like symptoms. Hydrogen fluoride fumes evolved during the decomposition/combustion of this material can react to form hydrofluoric acid. Wear gloves when handling refuse
Environmental precautions:	Dike and collect water used to fight fire.
Other Information:	Potential dust explosion hazard.

6. Accidental Release Measures

Personal precautions:	Remove all sources of ignition. Avoid dust formation. Do not breathe dust.
Environmental precautions:	No special environmental precautions required.
Methods for cleaning up:	Use mechanical handling equipment.
Wastes for disposal:	Disposal must be in accordance with federal, state, and local regulations.

7. Handling and Storage

Protection – fire and explosion
Do not smoke in areas where polymer dust is present. Appropriate measure should be taken to control the generation and accumulation of dust during processing operations.
Material storage
Store in a cool dry place.
Incompatible products
Strong acids, oxidizing agents, polyvinyl chloride

8. Exposure Controls / Personal Protection

OSHA Exposure Limits

Components	PEL
Chromium	0.5 mg/m3

ACGIH Exposure Limits

Components	Threshold Limit Value
Chromium	0.5 mg/m3

Exposure controls

Ventilation:	Use mechanical methods to control dust when processing. Provide local exhaust to remove decomposition products and control exposure levels.
Respiratory Protection:	Wear NIOSH approved respiratory protection if potential exists for irritation of nasal passages due to exposure to dust or vapors.
Eye Protection:	Safety glasses with side shields must be worn during machining.
Other clothing and equipment:	Avoid contact with the skin. Wear chemical-resistant gloves and other clothing as required minimizing skin contact.
Work practices, hygienic practices:	Launder contaminated clothes before wearing. Do not smoke or eat where this material is being used. Wash hands before smoking, eating or going to the bathroom.

9. Physical Chemical Properties

Appearance:	Blue solid	Specific Gravity	3.1
Odor:	Slight	Melting Point or Range (°F):	621-666
Vapor Density (air = 1):	NA	Ignition Temperature (°F):	968-1067
Solubility in Water:	Insoluble	Vapor Pressure:	NA

10. Stability and Reactivity

Stability:	Stable
Condition to avoid:	Temperature above 570°F. Toxic gases are evolved as decomposition products.
Incompatibility (materials to avoid):	Molten Alkali metals, interhalogen compounds.
Hazardous Combustion / Decomposition Products:	Hydrogen, Hydrogen fluoride, carbon fluoride, perfluoroolefins and noxious Copper compounds.
Hazardous Polymerization:	Will not occur.

11. Toxicological Information

Potential health effects

Routes of exposure	Skin, eyes, inhalation, ingestion.
Immediate effects	
Skin	Polymer particles may cause mechanical irritation. The molten product can cause serious burns.
Eyes:	Resin particles, like other inert materials, are mechanically irritating to eyes
Inhalation:	Overheating in processing may generate hazardous, irritating vapors. Dust irritating to respiratory tract.
Ingestion:	Low toxicity by this route is expected based on the biological activity of high molecular weight polymers.

Toxicological data is not available. When handled appropriately, even after long years of experience with this product, no adverse health effects are known.

12. Ecological Information:

Biodegradability:	This material is considered to be non-biodegradable.

13. Disposal Consideration

If this material becomes a waste, place in appropriate disposal facility in compliance with local and federal regulations. Do not incinerate. Discarded product is not a hazardous waste under RCRA 40 CFR 261.

14. Transport Information

Transport:	This material is not a hazardous material for purposes of shipping per DOT or IATA.

15. Regulatory Information

TSCA Status: All of the individual ingredients in this compound are listed on the TSCA Inventory.

SARA Title III Section 313: This compound contains Chromium III compounds (with 0.10-0.30 wt% Co, 1-1.3 wt% Cr, <0.2 wt% Zn) and 25% Copper metal subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 and of 40 CFR 372.

16. Other Information

Revision Date: 4/30/2018
Revision: 2nd

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