

SAFETY DATA SHEET

Revision Date: September 19, 2018

SECTION 1: IDENTIFICATION

Product Name: Tracit-1000 Heat Transfer Compound
REACH number: Not relevant (mixture)
Recommended use: Heat transfer between surfaces
Manufacturer: Chemax Manufacturing Corporation
1025 River Road
New Castle, Delaware 19720 USA
Tel: (800) 804-4596, E-mail: sales@chemaxcorp.com

Emergency telephone number:

(800) 804-4596 ext. 2 (Manufacturer), (800) 222-1222 (Poison Control)

SECTION 2: HAZARD IDENTIFICATION

Classification: OSHA Hazard Communication Standard: This material is not considered hazardous in accordance with OSHA HazCom 2012, 29 CFR 1910.1200
Label elements: No significant hazard as per GHS
Pictograms: None required
Hazard phrases: None
Other hazards
Health hazards: Not expected to be a health hazard when used under normal conditions. Avoid prolonged contact with skin, and direct contact with eyes.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

| Ingredient | CAS # | % |
|--------------------------------|------------|--------|
| Polymeric Additive Oil Mixture | 64742-01-4 | 30-45% |
| Natural Graphite | 7782-42-5 | 50-65% |
| Ball Clay | 1332-58-7 | 5-10% |

SECTION 4: FIRST AID MEASURES

Description of first aid measures

- Inhalation:** Under typical conditions of intended use, material is not expected to be inhalation hazard. If symptoms exist, move to fresh air and seek medical attention.
- Skin contact:** Wash contact area with soap and water. Get medical attention if irritation persists.
- Eye contact:** Hold eye lids open and flush thoroughly with water for 5-10 minutes. Remove contact lenses. If irritation develops seek medical treatment.
- Ingestion:** Do not induce vomiting. Rinse mouth with fresh water. Call a doctor if symptoms persist.

Indication of immediate medical attention and special treatment needed:

No specific medical attention generally required.

SECTION 5: FIRE-FIGHTING MEASURES

Suitable extinguishing media:

Water spray (fog), dry chemical, foam, or CO₂.

Unsuitable extinguishing media:

Water stream may splash burning liquid and spread fire.

Special hazard arising from the substances or mixture:

No special exposure hazards are known.

Advice to firefighters: Wear proper protective equipment and SCBA.

Flash point (COC): >360 °F (182 °C)

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment, and emergency procedures:

Wear appropriate Personal Protective Equipment (PPE). Keep all unnecessary personnel out of the area. Clean up spills to prevent slipping hazards, and contamination of soil, surface, or groundwater.

Environmental precautions:

Prevent discharge into sewers or streams by covering nearby drains.

Methods and materials for containment and cleaning up:

This compound has a high viscosity, and will not likely leak or spill.

A degreasing agent may be used to aid in clean-up.

Place collected material into a closed container for disposal. Follow local disposal regulations.

SECTION 7: HANDLING AND STORAGE**Precautions for safe handling:**

Wear protective gloves and goggles when handling.

Avoid prolonged contact with skin, and direct contact with eyes.

Follow good industrial hygiene and safety practices when handling.

Precautions for safe storage:

Store at room temperature. Keep lid sealed tightly when not in use.

Protect compound from direct contact with open flames and strong oxidizing agents.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**Engineering measures/controls:**

Keep container closed when not in use. Allow adequate ventilation.

Personal protective equipment (PPE)

Eye: Wear safety glasses/goggles when direct eye contact is a possibility.

Hand: Wear cotton or rubber gloves when handling.

Respiratory: Wear NIOSH/MSHA approved respirators when removing hardened compound and dust levels exceed recommended TLV levels.
Graphite dust exposure limits: OSHA PEL: TWA 5 mg/m³ (resp)

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

| | |
|-------------------------------|-------------------------|
| Color: | Black |
| Physical state: | Semi-solid |
| Specific gravity: | 1.4 |
| Odor and threshold: | Slight odor |
| pH: | Not applicable |
| Vapor pressure: | Nil at room temperature |
| Evaporation rate: | Not applicable |
| % volatile by volume: | 0 %. |
| Solubility in water: | Insoluble |
| Boiling point: | Very high |
| Flash point (COC): | >360 °F (182 °C) |
| Explosion properties: | No data available |
| Vapor density (Air=1): | >1 |
| Relative density: | No data available |
| Partition coefficient: | No data available |
| Auto-ignition temp.: | No data available |
| Decomposition temp.: | No data available |
| Viscosity: | No data available |
| Flammability: | No data available |

SECTION 10: STABILITY AND REACTIVITY

Reactivity: Compound is not reactive under normal conditions of intended use.

Stability: Compound is stable if used in recommended temperature range.

Conditions to be avoided:

Do not exceed instructed upper temperature limit.

Materials to avoid: Avoid contact with open flames and strong oxidizing agents.

Hazardous decomposition products:

Not expected to occur under normal conditions of use or storage.

SECTION 11: TOXICOLOGICAL INFORMATION

Information on toxicological effects

Eyes: May cause irritation if not treated.

Skin: Continued contact may cause irritation.

Ingestion: May cause irritation to mucous membranes of mouth, throat, stomach.

Inhalation: No adverse effects.

Carcinogen status: Product is not listed as a possible carcinogen by OSHA, IARC, or NTP.

Health hazards: No known chronic effects. Not expected to aggravate medical conditions.

SECTION 12: ECOLOGICAL INFORMATION

Toxicity: None known.

Persistence and degradability:

No information available.

Possible environmental effects:

Prevent discharge into sewers or streams.

Other information: None known.

SECTION 13: DISPOSAL CONSIDERATIONS

Product waste: Dispose of product in accordance with local, regional, national, and/or international regulations. Prevent discharge into sewers or streams.

Packaging waste: Dispose of container in accordance with local, regional, national, and/or international regulations.

SECTION 14: TRANSPORT INFORMATION

Special shipping precautions/information:

Product is not listed in the US hazardous materials shipping regulations (49cfr, table 172.101). No known local, state, federal, or international transport restrictions.

| | Bulk shipping | Non-bulk shipping | Identification # | Hazardous class |
|-------------------------|--|--------------------------|-------------------------|------------------------|
| US DOT: | Not required | Not required | Not required | Not required |
| Canadian TDG: | Not required | Not required | Not required | Not required |
| European : | Not required | Not required | Not required | Not required |
| ADR, IMDG, IATA-DGR: | Not classified as hazardous product for land, sea and air transport. | | | |

SECTION 15: REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture

OSHA Hazard Communication Standard:

This material is not considered hazardous in accordance with OSHA HazCom 2012, 29 CFR 1910.1200.

TSCA Inventory list: Reported/listed.

SARA 311/312.: This material does not contain any chemical substance on SARA extremely hazardous substance list.

SARA 313: This product contains no chemicals regulated under SARA Title III, Section 313.

SECTION 16: OTHER INFORMATION

NFPA HAZARDS: Health: 1 Reactivity: 0 Fire: 1