

ITC 148

Revised 10/07/2015

SECTION 1 Identification

Manufacture

International Technical Ceramics, LLC
13001 Old Denton Rd.
Fort Worth, TX 76177

Contact:

Telephone: (817) 337-9889

Fax: (817) 337-3883

E-Mail: office@itccoatings.com

Web: www.itccoatings.com

Product Name: ITC 148
CAS Number: 66402-68-4
Product Use: A strong abrasion-resistant compound used for repairing areas exposed to harsh environments and mechanical abuse

SECTION 2 Hazard Identification

Point of Entry: Inhalation, ingestion, eyes, skin
Inhalation: May cause damage to the lungs
Ingestion: May produce nausea, possible damage to the lining of the esophagus and gastrointestinal tract
Eye Contact: Possible irritant
Skin Contact: Possible irritant

SECTION 3 Composition

Ingredients: Non-toxic ceramic components
Proprietary formulation
North American Hazard Indicator: None known

SECTION 4 First Aid Measures

Inhalation: Remove individual from exposure and move to fresh air.
Ingestion: Do not induce vomiting. Seek medical attention.
Eye Contact: Immediately flush with water for approximately 15 minutes.
Skin Contact: Wash with soap and water.

SECTION 5 Fire Fighting Measures

Flammable Properties: Non-flammable
Hazardous Combustion Products: None
Specific Hazards Arising From Product: None
Sensitivity To Mechanical Impact: None
Sensitivity To Static Discharge: None
NFPA:

Health	1
Stability & Reactivity	0
Flammability	0
Physcial Hazard	



This product contains crystalline silica, a product known to be carcinogenic by the State of California.

SECTION 6 Accidental Release Measures

Personal Precautions: Use personal protective equipment.
Spillage: Hose off area with clean water. Material will harden in ambient temperatures into a solid form that is non-hazardous.

SECTION 7 Handling & Storage

Handling Precautions: Use OSHA approved air purifying respirator, safety goggles, gloves and work clothes during application. If material is spilled, hose off area with clean water. Material will harden in ambient temperatures into a solid form that is non-hazardous to nature.
Storage Precautions: Keep containers properly closed and labeled. Any remaining material can be remixed and reused at a later date. Material shelf life is approximately 5 years.

SECTION 8 Exposure Controls/Personal Protection

Protective Equipment: Safety goggles, gloves, dust mask/respirator and standard work clothes that protect skin.
Exposure Guidelines: Emergency eyewash station should be in close proximity. A bucket of clean water should be available to rinse skin should irritation begin.
Engineering Controls: Adequate room ventilation or local exhaust is suggested. No special ventilation is required.

SECTION 9 Physical And Chemical Properties

Appearance:	Ceramic paste	Boiling Point:	N/A
Physical State:	Liquid	Melting Point:	4500° F
Odor:	Odorless	Solubility:	Water based product
pH:	Undetermined	Evaporation Rate:	N/A
Vapor Pressure:	Undetermined		
Vapor Density:	Undetermined		

SECTION 10 Stability And Reactivity

Stability:	Stable under all conditions
Possibility of Hazardous reactions:	None
Conditions to Avoid:	None
Incompatible Materials:	None
Hazardous Decomposition Products:	None

SECTION 11 Toxicological Information

Acute Toxicity:	Based on available data, no evidence of acute toxicity
Skin Corrosion/Irritation:	Based on available data, not, or only slightly irritating
Eye Irritation:	Based on available data, no evidence of eye irritation
Respiratory Irritation:	No adverse effect expected for normal, incidental ingestion.
Carcinogenicity:	Excessive inhalation of respirable crystalline silica dust may cause a progressive, disabling and sometimes fatal lung disease called silicosis.
Reproductive Toxicity:	No evidence of toxicity
STOT - Single Exposure:	No evidence of toxicity
STOT - Repeated Exposure:	No evidence of toxicity
Aspiration Hazard:	Based on available data, no known aspiration hazard

SECTION 12 Ecological Information

Ecotoxicity:	Contains no substances known to be hazardous to the environment. Contains no substances known to be not degradable in waste-water treatment plants.
Degradability:	Readily biodegradable
Mobility:	Dispersible in water

SECTION 13 Disposal Considerations

Waste Disposal Method: Dispose of in compliance with the laws and regulations pertaining to this product in your jurisdiction.

Packaging: Empty containers should be taken for local recycling, recovery or waste disposal.

SECTION 14 Transportation Information

DOT Shipping Description: N/A - Not hazardous for transportation

SECTION 15 Regulatory Information

Federal Regulations

Ozone Depleting Substances: No Class I or Class II materials are used in the manufacture of, or contained in, this product.

SARA 302: This product does not contain any chemicals subject to the reporting requirements of section 302 of the Superfund Amendments and Reauthorization Act of 1986.

SARA 311/312:

Acute health hazard	No
Chronic Health Hazard	Yes
Fire Hazard	No
Reactive Hazard	No
Sudden pressure release hazard	No

Clean Air Act, Section 112 Hazardous Air Pollutants: This product does not contain any HAPS

SECTION 16 Additional Information

Revision Date: 10/7/15

Reason for Revision: New SDS format. This version replaces all previous versions. The information provided on this (M)SDS is correct to the best of our knowledge at the time of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any other process unless specified.