

### ITC 100HT

Revised 10/07/2015

#### SECTION 1 Identification

##### **Manufacture**

International Technical Ceramics, LLC  
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Fort Worth, TX 76177

##### **Contact:**

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**Product Name:** ITC 100HT  
**CAS Number:** 66402-68-4  
**HS Code:** 3861.00.0010  
**Product Use:** Energy saving ceramic coating

#### 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
Physical 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

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

### SECTION 10 Stability And Reactivity

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

### SECTION 11 Toxicological Information

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

### SECTION 12 Ecological Information

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