

# SAFETY DATA SHEET



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**SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION**

**PRODUCT NUMBER**                    06449

**PRODUCT NAME**                    INTERLOK Int/Ext Acrylic Rust Inhibitive Primer

**MANUFACTURER NAME:**  
**Manufactured by:**  
 McCormick Paint Works Co., Inc.  
 7202 McKinney Circle  
 Frederick, MD 21704

**CORPORATE OFFICE:**  
 11200 Rockville Pike, Suite 504  
 Rockville, MD 20852  
[www.mccormickpaints.com](http://www.mccormickpaints.com)

**EMERGENCY TELEPHONE CHEMTREC** 1-800-424-9300 (24hrs. a Day).

**SECTION 2 - HARZARDOUS IDENTIFICATION**

**Classification**

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200

Carcinogenicity	Category 1A
Specific target organ toxicity (repeated exposure)	Category 1

**Label elements**

**Danger**

**Hazard Statements**  
 May cause Cancer  
 Causes damage to organs through prolonged or repeated exposure

**SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS**

Chemical Name	CAS No.	Weight-%	<>
Silica, crystalline	14808-60-7	15	
Titanium dioxide	13463-67-7	15	
Propanoic acid, 2-methyl-, monoester with 2,2,4-trimethyl-1,3-pentanediol	25265-77-4	5	
Zinc phosphate	7779-90-0	5	
Ethanol, 2-(2-butoxy ethoxy)-	112-34-5	5	
Zinc oxide	1314-13-2	5	

## SECTION 4 - FIRST AID MEASURES

- EYES:** Flush eyes with large amounts of water for 15 minutes. Get medical attention.
- SKIN:** Wash affected area thoroughly with soap and water.
- INHALATION:** If affected, remove from exposure. Restore breathing. Keep warm and quiet. If person is not breathing, call 911.
- INGESTION:** Do not induce vomiting. Get medical attention immediately.

## SECTION 5 - FIRE FIGHTING MEASURES

### Flash Point Data

**Flash Point (°F)** > 200° F PMCC

**Flash Point (°C)** Not applicable

**Flash Point Method** Not applicable

### Flammability Limits in Air

**Lower Explosion Limit** Not applicable

**Upper Explosion Limit** Not applicable

**NFPA Health:** 1

**Flammability:** 0

**Instability:** 0

### Special:

Not Applicable

### NFPA Legend

0 - Not Hazardous

1 - Slightly

2 - Moderate

3 - High

4 - Severe

*The ratings assigned are only suggested ratings, the contractor/employer has ultimate responsibilities for NFPA ratings where this system is used. Additional information regarding the NFPA rating system is available from the National Fire Protection Agency (NFPA) at [www.nfpa.org](http://www.nfpa.org).*

### EXTINGUISHING MEDIA

Carbon Dioxide, Dry Chemical, Alcohol Foam

### UNUSUAL FIRE AND EXPLOSION HAZARDS

Closed containers may explode (due to the build-up or pressure) when exposed to extreme heat. During emergency conditions overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.

### SPECIAL FIRE FIGHTING PROCEDURES

Full protective equipment including self-contained breathing apparatus should be used. Water spray may be ineffective. If water is used, fog nozzles are preferable. Water may be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat.

## SECTION 6 - ACCIDENTAL RELEASE MEASURES

### STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Remove all sources of ignition. Ventilate the area.

Remove spill with inert absorbent.

Avoid runoff into storm sewers, waterways, and drainage culverts.

**SECTION 7 - HANDLING AND STORAGE****STORAGE CATEGORY**

DOL Storage Class III-B

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE**

Keep container closed when not in use. Transfer only to approved containers with complete and appropriate labeling. Do not take internally. Keep out of the reach of children.

**SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION****Exposure Limits**

Chemical name	ACGIH TLV	OSHA PEL
Silica, crystalline	0.025 mg/m <sup>3</sup> - TWA	-
Titanium dioxide	10 mg/m <sup>3</sup> - TWA	15 mg/m <sup>3</sup> - TWA
Ethanol, 2-(2-butoxyethoxy)-	10 ppm - TWA	N/E
Zinc oxide	2 mg/m <sup>3</sup> - TWA 10 mg/m <sup>3</sup> - STEL	5 mg/m <sup>3</sup> - TWA 15 mg/m <sup>3</sup> - TWA

**Legend**

ACGIH - American Conference of Governmental Industrial Hygienists Exposure Limits

OSHA - Occupational Safety &amp; Health Administration Exposure Limits

N/E - Not Established

**Engineering Measures**

Ensure adequate ventilation, especially in confined areas.

**Personal Protective Equipment****Eye/Face Protection**

Safety glasses with side-shields.

**Skin Protection**

Protective gloves and impervious clothing.

**Respiratory Protection**

In case of insufficient ventilation wear suitable respiratory equipment.

**Hygiene Measures**

Avoid contact with skin, eyes and clothing. Remove and wash contaminated clothing before re-use. Wash thoroughly after handling.

**SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES**

<b>Appearance</b>	liquid
<b>Odor</b>	little or no odor
<b>Odor Threshold</b>	No information available
<b>Density (lbs./gal)</b>	10.25 - 10.35
<b>Specific Gravity</b>	1.22 - 1.24
<b>pH</b>	No information available
<b>Viscosity (cps)</b>	No information available
<b>Solubility(ices)</b>	No information available
<b>Water solubility</b>	No information available
<b>Evaporation Rate</b>	No information available
<b>Vapor pressure @20 °C (kPa)</b>	No information available
<b>Vapor density</b>	50 - 60
<b>Wt. % Solids</b>	35 - 45
<b>Vol. % Solids</b>	40 - 50
<b>Wt. % Volatiles</b>	55 - 65
<b>Vol. % Volatiles</b>	< 250
<b>VOC Regulatory Limit (g/L)</b>	35.69 g/L
<b>Boiling Point (°F)</b>	100
<b>Boiling Point (°C)</b>	32
<b>Freezing Point (°F)</b>	0
<b>Freezing Point (°C)</b>	Not applicable
<b>Flash Point (°F)</b>	

Flash Point (°C)	Not applicable
Method	Not applicable
Flammability (solid, gas)	Not applicable
Upper flammability limit:	Not applicable
Lower flammability limit:	Not applicable
Autoignition Temperature (°F)	No information available
Autoignition Temperature (°C)	No information available
Decomposition Temperature (°F)	No information available
Decomposition Temperature (°C)	No information available
Partition coefficient	No information available

#### SECTION 10 - STABILITY AND REACTIVITY

STABILITY	Stable under normal temperatures and pressures
CONDITIONS TO AVOID	Heat, flames, and freezing (temperatures below 32° F / 0° C)
INCOMPATIBILITY	None Known HAZARDOUS DECOMPOSITION PRODUCTS By Fire: Carbon Dioxide, Carbon Monoxide HAZARDOUS POLYMERIZATION Will not occur

#### SECTION 11 - TOXICOLOGICAL INFORMATION

##### Product Information

##### Information on likely routes of exposure

**Principal Routes of Exposure** Eye contact, skin contact and inhalation.

##### Acute Toxicity

**Product Information** No information available

##### Symptoms related to the physical, chemical and toxicological characteristics

**Symptoms** No information available

##### Delayed and immediate effects as well as chronic effects from short and long-term exposure

<b>Eye contact</b>	May cause slight irritation.
<b>Skin contact</b>	Substance may cause slight skin irritation. Prolonged or repeated contact may dry skin and cause irritation.
<b>Inhalation</b>	May cause irritation of respiratory tract.
<b>Ingestion</b>	Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.
<b>Sensitization</b>	No information available
<b>Neurological Effects</b>	No information available.
<b>Mutagenic Effects</b>	No information available.
<b>Reproductive Effects</b>	No information available.
<b>Developmental Effects</b>	No information available.
<b>Target organ effects</b>	No information available.
<b>STOT - single exposure</b>	No information available.
<b>STOT - repeated exposure</b>	Causes damage to organs through prolonged or repeated exposure if inhaled.
<b>Other adverse effects</b>	No information available.
<b>Aspiration Hazard</b>	No information available

##### Numerical measures of toxicity

The following values are calculated based on chapter 3.1 of the GHS document

<b>ATE mix (oral)</b>	3466 mg/kg
<b>ATE mix (dermal)</b>	65660 mg/kg
<b>ATE mix (inhalation-dust/mist)</b>	170.4 mg/L

##### **Component Information**

**Component Information**

Silica, crystalline

LD50 Oral: 500 mg/kg (Rat)

Titanium dioxide

LD50 Oral: > 10000 mg/kg (Rat)

Ethanol, 2-(2-butoxyethoxy)- LD50

Oral: 3384 mg/kg (Rat) LD50

Dermal: 2700 mg/kg (Rabbit) Zinc

oxide

LD50 Oral: 5000 mg/kg (Rat)

LC50 Inhalation (Dust): > 5700 mg/m³ (Rat, 4 hr.)

**Carcinogenicity**

The information below indicates whether each agency has listed any ingredient as a carcinogen.:

Chemical name	IARC	NTP	OSHA
Silica, crystalline	1 - Human Carcinogen	Known Human Carcinogen	Listed
Titanium dioxide	2B - Possible Human Carcinogen		Listed

- Crystalline Silica has been determined to be carcinogenic to humans by IARC (1) when in respirable form. Risk of cancer depends on duration and level of inhalation exposure to spray mist or dust from sanding the dried paint.
- Although IARC has classified titanium dioxide as possibly carcinogenic to humans (2B), their summary concludes: "No significant exposure to titanium dioxide is thought to occur during the use of products in which titanium dioxide is bound to other materials, such as paint."

**Legend**

IARC - International Agency for Research on Cancer

NTP - National Toxicity Program

OSHA - Occupational Safety & Health Administration

**SECTION 12 - ECOLOGICAL INFORMATION**

**Ecotoxicity Effects**

The environmental impact of this product has not been fully investigated.

**Product Information**

**Acute Toxicity to Fish**

No information available

**Acute Toxicity to Aquatic Invertebrates**

No information available

**Acute Toxicity to Aquatic Plants**

No information available

**Persistence / Degradability**

No information available.

**Bioaccumulation**

No information available.

**Mobility in Environmental Media**

No information available.

**Ozone**

No information available

## Component Information

### Acute Toxicity to Fish

Titanium dioxide

LC50: > 1000 mg/L (Fathead Minnow - 96 hr.)

### Acute Toxicity to Aquatic Invertebrates

Ethanol, 2-(2-butoxyethoxy)-

EC50: 100 mg/L (Daphnia - 48 hr.)

### Acute Toxicity to Aquatic Plants

No information available

## SECTION 13 - DISPOSAL CONSIDERATIONS

### WASTE DISPOSAL METHOD

Waste from this product is not hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Incinerate in approved facility. Do not incinerate closed container. Dispose of in accordance with Federal, State/Provincial, and Local regulations regarding pollution.

## SECTION 14 - TRANSPORT INFORMATION

Multi-modal shipping descriptions are provided for informational purposes and do not consider container sizes. The presence of a shipping description for a particular mode of transport (ocean, air, etc.), does not indicate that the product is packaged suitably for that mode of transport. All packaging must be reviewed for suitability prior to shipment, and compliance with the applicable regulations is the sole responsibility of the person offering the product for transport.

**US Ground (DOT)** Not Regulated for Transportation

**Canada (TDG)** Not Regulated for Transportation

**IMO** Not Regulated for Transportation

**IATA/ICAO** Not Regulated for Transportation

## SECTION 15 - REGULATORY INFORMATION

### International Inventories

**TSCA: United States** Yes - All components are listed or exempt.

**DSL: Canada** Yes - All components are listed or exempt.

### Federal Regulations

#### SARA 311/312 hazardous categorization

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

#### SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372:

<u>Chemical name</u>	<u>CAS No.</u>	<u>Weight-%</u>	<u>CERCLA/SARA 313 (de minimis concentration)</u>
Diethylene glycol monomethyl ether	111-90-0	5	1.0
Zinc phosphate	7779-90-0	5	1.0
Ethanol, 2-(2-butoxyethoxy)-	112-34-5	5	1.0
Zinc oxide	1314-13-2	5	1.0

**Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)**

This product contains the following HAPs:

None

**US State Regulations**

**California Proposition 65**

 **WARNING:** Cancer and Reproductive Harm– [www.P65warnings.ca.gov](http://www.P65warnings.ca.gov)

**State Right-to-Know**

<u>Chemical name</u>	<u>Massachusetts</u>	<u>New Jersey</u>	<u>Pennsylvania</u>
Silica, crystalline	X	X	X
Titanium dioxide	X	X	X
Diethylene glycol monoethyl ether		X	X
Zinc phosphate		X	X
Ethanol, 2-(2-butoxyethoxy)-		X	X
Zinc oxide	X	X	X

**Legend**

X - Listed

**SECTION 16 - OTHER INFORMATION**

This product has been classified in accordance with the hazard criteria of the Canadian Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

The above information pertains to this product as currently formulated, and is based on the information available at this time. Addition of reducers or other additives to this product may substantially alter the composition and hazards of this product. Since conditions of use are outside our control, we make no warranties, expressed or implied, and assume no liability in connection with any use of this information.