

# Safety Data Sheet

Product Name: Powder Guide Coat

Product identifier: 100721

Revision Date: 07-18-2015

Replaces:



## 1. Identification

**Product Name:** Powder Guide Coat  
**Product identifier:** 100721  
**Relevant identified uses of the substance or mixture and uses advised against:** surface preparation guide

**Chemical Manufacturer / Importer / Distributor:** ITW Evercoat  
a division of Illinois Tool Works Inc.  
6600 Cornell Road  
Cincinnati, OH 45242  
513-489-7600  
**Emergency telephone number:** CHEMTREC: 1-800-424-9300  
CANUTEC: 1-613-996-6666

## 2. Hazard(s) identification

Classification of the chemical in accordance with paragraph (d) of §1910.1200;

GHS Hazard  
Symbols:



**GHS Classification:** Germ Cell Mutagenicity Category 1B  
Carcinogenicity Category 1B  
Reproductive Toxicity Category 1B  
Serious Eye Damage/Eye Irritation Category 2A  
Specific Target Organ Systemic Toxicity (STOT) - Repeated Exposure Category 2  
Specific Target Organ Systemic Toxicity (STOT) - Single Exposure Category 3  
Hazardous to the aquatic environment - Acute Category 3

**GHS Signal Word:** Danger

**GHS Hazard Statements:** Causes serious eye irritation.  
May cause drowsiness or dizziness.  
May cause genetic defects..  
May cause cancer.  
May damage fertility or the unborn child.  
May cause damage to organs through prolonged or repeated exposure.  
Harmful to aquatic life.

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## GHS Precautionary Statements:

### Safety Precautions:

Obtain special instructions before use.  
Do not handle until all safety precautions have been read and understood.  
Do not breathe dust/fume/gas/mist/vapours/spray.  
Avoid breathing dust/fume/gas/mist/vapours/spray.  
Wash thoroughly after handling.  
Use only outdoors or in a well-ventilated area.  
Avoid release to the environment.  
Wear protective gloves/protective clothing/eye protection/face protection.  
Use personal protective equipment as required.

### First Aid Measures:

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
IF exposed or concerned: Get medical advice/attention.  
Call a POISON CENTER or doctor/physician if you feel unwell.  
Get medical advice/attention if you feel unwell.  
If eye irritation persists: Get medical advice/attention.

### Storage:

Store in a well-ventilated place. Keep container tightly closed.  
Store locked up.

### Disposal:

Dispose of contents/container in accordance with local/regional/national/international regulation for hazardous wastes.

### Hazards not otherwise classified:

This product may contain trace amounts of methanol.

## 3. Composition/information on ingredients

Chemical Component:	CAS number and other unique identifiers	% (or range) of ingredient
Acetone	67-64-1	30 - 60
Petroleum gases, liquefied, sweetened	68476-86-8	10 - 30
Toluene	108-88-3	1 - 5
Dibutyl phthalate	84-74-2	0.1 - 1

The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

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## 4. First-aid measures

<b>Eye Contact:</b>	Immediately flush eyes with plenty of water for at least 20 minutes retracting eyelids often. Tilt the head to prevent chemical from transferring to the uncontaminated eye. Get immediate medical attention and monitor the eye daily as advised by your physician. Flush eyes gently with water for at least 15 minutes, lifting upper & lower eye lids. Seek immediate medical attention.
<b>Skin Contact:</b>	Wash with soap and water. Remove contaminated clothing and launder. Get medical attention if irritation develops or persists. Wash with soap and water. Seek medical advice if symptoms persist
<b>Inhalation:</b>	Remove to fresh air. If breathing is difficult, have a trained individual administer oxygen. If not breathing, give artificial respiration and have a trained individual administer oxygen. Get medical attention immediately. If symptoms develop, immediately move individual away from exposure and into fresh air. Seek immediate medical attention.
<b>Ingestion:</b>	Do not induce vomiting and seek medical attention immediately. Drink two glasses of water or milk to dilute. Provide medical care provider with this MSDS. Call a physician or poison control center immediately. Do not induce vomiting unless directed to do so by medical personnel. If individual is drowsy or unconscious, do not give anything by mouth; place individual on left side with head down. If possible, do not leave individual unattended. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into lungs.
<b>Most important symptoms/effects (Delayed:</b>	Toluene may be harmful to the human fetus based on positive results with laboratory animals. Overexposure to Toluene has been suggested as a cause of the following effects in humans: cardiac sensitization, kidney damage. The substance may have effects on the central nervous system, resulting in decreased learning ability and psychological disorders. Acetone: Overexposure to this material may have effects on the blood and bone marrow.
<b>Immediate medical attention and special treatment needed,;</b>	No additional first aid information available

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## 5. Fire-fighting measures

<b>Suitable extinguishing media:</b>	Use alcohol resistant foam, carbon dioxide, or dry chemical extinguishing agents. Water spray or fog may also be effective for extinguishing if swept across the base of the fire. Water can also be used to absorb heat and keep exposed material from being damaged by fire. CO <sub>2</sub> , sand, extinguishing powder. Do not use water because of violent reaction.
<b>Unsuitable extinguishing media:</b>	No data available
<b>Fire and/or Explosion Hazards:</b>	Vapors may be ignited by heat, sparks, flames or other sources of ignition at or above the low flash point giving rise to a Class B fire. Vapors are heavier than air and may travel to a source of ignition and flash back. Aerosol containers may explode when exposed to extreme heat. Contents under pressure.
<b>Hazardous Combustion Products:</b>	Carbon dioxide, Carbon monoxide, Hydrocarbons, Nitrogen containing gases
<b>Special protective equipment and precautions for fire-fighters:</b>	Do not enter fire area without proper protection including self-contained toxic breathing apparatus and full protective equipment. Fight fire from a safe distance and a protected location due to the potential of hazardous vapors and decomposition products. Flammable component(s) of this material may be lighter than water and burn while floating on the surface. Use water spray/fog for cooling. Do not use water. Wear a self contained breathing apparatus (NIOSH approved) with a full face piece operated in the positive pressure demand mode with appropriate turn-out gear and chemical resistant personal protective equipment.

## 6. Accidental release measures

<b>Personal precautions, protective equipment and emergency procedures:</b>	Exposure to the spilled material may be irritating or harmful. Follow personal protective equipment recommendations found in Section VIII of this MSDS. Additional precautions may be necessary based on special circumstances created by the spill including; the material spilled, the quantity of the spill, the area in which the spill occurred. Also consider the expertise of employees in the area responding to the spill. Evaporation of volatile substances can lead to the displacement of air creating an environment that can cause asphyxiation.
<b>Methods and material for containment and cleaning up:</b>	Prevent the spread of any spill to minimize harm to human health and the environment if safe to do so. Wear complete and proper personal protective equipment following the recommendation of Section VIII at a minimum. Dike with suitable absorbent material

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like granulated clay. Gather and store in a sealed container pending a waste disposal evaluation. Shut off ignition sources; including electrical equipment and flames. Do not allow smoking in the area. Activate available exhaust ventilation equipment in the immediate spill area. All personnel in the area should be protected as in Section 8. Avoid breathing vapors. Use an inert absorbent such as sand or vermiculite. Place in properly labeled closed container.

## 7. Handling and storage

<b>Precautions for safe handling:</b>	Harmful or irritating material. Avoid contacting and avoid breathing the material. Use only in a well ventilated area. Contents are FLAMMABLE. Keep away from heat, sparks and open flame. Do not get in eyes, on skin and clothing Use with adequate ventilation Avoid breathing vapors or mists. Wash hands before eating Keep out of the reach of children.
<b>Conditions for safe storage:</b>	Store in a cool dry ventilated location. Isolate from incompatible materials and conditions. Keep container(s) closed. Keep container closed when not in use. Store in a cool dry place Contents under pressure. Do not puncture or incinerate. Do not store above 120° F (49° C).
<b>Materials to Avoid/Chemical Incompatibility::</b>	Oxidizing agents Strong acids Strong alkalies Chlorine containing gases Nitrates

## 8. Exposure controls/personal protection

### Limits:

Chemical Component	OSHA PEL	ACGIH TLV-TWA	ACGIH STEL
Acetone	1000 ppm	500 ppm	750 ppm
Toluene	100 ppm	100 ppm	
Dibutyl phthalate	5 mg/m3	5 mg/m3	

**Appropriate engineering controls.:** No exposure limits exist for the constituents of this product. Use local exhaust ventilation or other engineering controls to minimize exposures and maintain operator comfort. General or local ventilation or isolation may prove adequate to keep airborne exposures below exposure limits. Explosion proof exhaust ventilation should be used.

**Eye Protection:** Wear chemically resistant safety glasses with side shields when handling this product. Wear additional eye protection such as chemical splash goggles and/or face shield when the possibility exists for eye contact with splashing or spraying liquid, or airborne

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	material. Do not wear contact lenses. Have an eye wash station available. Splash proof chemical goggles are recommended to protect against the splash of product.
<b>Skin Protection:</b>	Wear protective gloves. Inspect gloves for chemical break-through and replace at regular intervals. Clean protective equipment regularly. Wash hands and other exposed areas with mild soap and water before eating, drinking, and when leaving work. Protective gloves and proper clothing should be worn to prevent skin contact. To prevent repeated or prolonged skin contact, wear impervious clothing and boots.
<b>Respiratory Protection:</b>	Respiratory protection may be required to avoid overexposure when handling this product. General or local exhaust ventilation is the preferred means of protection. Use a respirator if general room ventilation is not available or sufficient to eliminate symptoms. If personal exposure cannot be controlled below applicable limits by ventilation, wear a properly fitted organic vapor/particulate respirator approved by NIOSH/MSHA for protection against materials in section 2. NIOSH approved air purifying respirator with organic vapor cartridge and HEPA filter. Air purifying respirators should not be used in oxygen deficient or IDLH atmospheres.
<b>Other Protective Equipment:</b>	Splash proof chemical goggles are recommended to protect against the splash of product. Protective gloves and proper clothing should be worn to prevent skin contact. To prevent repeated or prolonged skin contact, wear impervious clothing and boots.
<b>General Hygiene Conditions:</b>	Contents are FLAMMABLE. Keep away from heat, sparks and open flame. Do not get in eyes, on skin and clothing. Use with adequate ventilation. Avoid breathing vapors or mists. Wash hands before eating. Keep out of the reach of children.

## 9. Physical and chemical properties

<b>Appearance (physical state):</b>	Aerosol
<b>Color:</b>	Black
<b>Odor:</b>	Solvent
<b>Odor threshold:</b>	No data available
<b>pH:</b>	No data available
<b>Melting Point/Freezing Point (°C):</b>	No data available
<b>Initial Boiling Point and Boiling Range (°C):</b>	0
<b>Flash Point (°C):</b>	-17
<b>Evaporation Rate:</b>	No data available
<b>Flammability (solid, gas):</b>	No data available
<b>Upper Flammable/Explosive Limit:</b>	12
<b>Lower Flammable/Explosive Limit:</b>	1.9
<b>Vapor Pressure:</b>	180 MMHG@20C/68F
<b>Vapor Density:</b>	No data available

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Relative Density:	0.76
Solubility(ies):	Insoluble
Partition coefficient: n-octanol/water:	1.36
Auto-ignition Temperature (°C):	403 °C
Decomposition Temperature::	No data available
Viscosity:	No data available
VOC (as packaged-less exempts and water)	2.99 or 358.5
Percent Solids by weight – as packaged	5.50

## 10. Stability and reactivity

Reactivity:	No data available
Chemical stability:	Stable under normal conditions. Stable under normal handling conditions. High heat may cause container bursting. Vapors could ignite explosively
Conditions to avoid:	Sparks, open flame, other ignition sources, and elevated temperatures. .
Incompatible materials:	Oxidizing agents Strong acids Strong alkalies Chlorine containing gases Nitrates
Hazardous decomposition products:	Carbon dioxide Carbon monoxide Hydrocarbons Nitrogen containing gases

## 11. Toxicological information

Likely routes of exposure (inhalation, ingestion, skin and eye contact):	Ingestion, Skin contact, Eye contact
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### Immediate (Acute) Health Effects by Route of Exposure:

Inhalation Irritation:	Can cause moderate respiratory irritation, dizziness, weakness, fatigue, nausea and headache. Can cause severe central nervous system depression (including unconsciousness). Has a narcotizing effect. Vapors may cause drowsiness or dizziness
Inhalation Toxicity:	Harmful! Can cause systemic damage (see "Target Organs)
Skin Contact:	Can cause moderate skin irritation, defatting, and dermatitis. Not likely to cause permanent damage.
Skin Absorption:	Harmful if absorbed through the skin. May cause severe irritation and systemic damage. Causes skin irritation. Symptoms may include redness, burning, drying and cracking of skin, and skin burns
Eye Contact:	Contact with the eyes may cause moderate to severe eye injury. Eye contact may result in tearing and reddening, but not likely to permanently injure eye tissue. Temporary vision impairment (cloudy or blurred vision) is possible. Contact with liquid or vapor may result in irritation, redness, tearing, and blurred vision.
Ingestion Irritation:	Irritating to mouth, throat, and stomach. Can cause abdominal discomfort, nausea,

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**Ingestion Toxicity:** vomiting and diarrhea. Causes gastrointestinal tract irritation, nausea, vomiting, diarrhea and possible ulcerations to mucous membranes. Aspiration of material into the lungs can cause chemical pneumonitis which can be fatal. Not expected to be a relevant route of exposure for an aerosol container.  
Harmful if swallowed. May cause systemic poisoning.

## Long-Term (Chronic) Health Effects:

**Carcinogenicity:** May cause cancer. The IARC has classified carbon black as a group 2B carcinogen (possibly carcinogenic to humans) based on experimental animal data.

**Reproductive and Developmental Toxicity:** May damage fertility or the unborn child.

**Mutagenicity:** May cause genetic defects..

**Inhalation:** Upon prolonged and/or repeated exposure, can cause moderate respiratory irritation, dizziness, weakness, fatigue, nausea and headache. Harmful! Can cause systemic damage upon prolonged and/or repeated exposure (see "Target Organs")  
**Skin Contact:** Upon prolonged or repeated contact, can cause moderate skin irritation, defatting, and dermatitis. Not likely to cause permanent damage.

**Skin Absorption:** Upon prolonged or repeated exposure, harmful if absorbed through the skin. May cause severe irritation and systemic damage.

## Component Toxicology Data

Chemical Component	Oral LD50	Dermal LD50	Inhalation LC50
No data available			

Has the chemical been classified as a Carcinogen by NTP, IARC or OSHA.

Chemical Name	OSHA Carcinogen	IARC Carcinogen	NTP Carcinogen
No data available			

## 12. Ecological information

**Ecotoxicity (aquatic and terrestrial, where available):** Toxic to aquatic life. Very toxic to aquatic life. Toluene and Dibutyl Phthalate are toxic to aquatic organisms and should not be released to sewage, draining systems or any body of water. Danger to drinking water if even small quantities leak into the ground

**Persistence and degradability:** No data available

**Mobility in soil:** No data available

**Other adverse effects (such as hazardous to the ozone layer):** No data available

## Ecological Toxicity Data

Chemical Component	Aquatic EC50 Crustacea	Aquatic ERC50 Algae	Aquatic LC50 Fish
No data available			



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## 13. Disposal considerations

**Description of waste residues:** Spent or discarded material is a hazardous waste.  
**Safe Handling of Waste:** This material as supplied, if discarded, would be regulated as a hazardous waste under RCRA (40 CFR 261).  
**Waste treatment methods (including packaging):** Dispose of by incineration following Federal, State, Local, or Provincial regulations.  
**Waste Disposal Code(s):** D001

## 14. Transport information

**UN proper shipping name:** The DOT Classification for shipping is dependent on quantity, type of packaging (a kit may include other components), or method of shipment.

## 15. Regulatory information

**TSCA Status:** The intentional ingredients of this product are listed.

### Regulated Components:

Chemical Component	CAS number and other unique identifiers	CERCLA	SARA EHS	SARA 313	California Prop 65
Acetone	67-64-1	N	N	Y	N
Toluene	108-88-3	N	N	Y	Y
Dibutyl phthalate	84-74-2	N	N	Y	Y

## 16. Other information, including date of preparation or last revision.

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**Revision Number:** 5

**Disclaimer:** NOTICE: The information accumulated herein is believed to be correct as of the date issued from sources, which are believed to be accurate and reliable. Since it is not possible to anticipate all circumstances of use, recipients are advised to confirm, in advance of need, that the information is current, applicable and suitable to their circumstances