

# Safety Data Sheet

Product Name: High Build Primer

Product identifier: 100723

Revision Date: 08-18-2016

Replaces:



## 1. Identification

Product identifier used on the label:

Product Name: **High Build Primer**

Product identifier: 100723

Other means of identification

Synonyms: No data available

Recommended use of the chemical and restrictions on use: Aerosol Primer Surfacer

Name, address, and telephone number of the chemical manufacturer, importer, or other responsible party

Chemical Manufacturer /  
Importer / Distributor: ITW Evercoat  
a division of Illinois Tool Works Inc.  
6600 Cornell Road  
Cincinnati, OH 45242  
513-489-7600

Emergency phone 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:

Flammable Liquid Category 1  
Germ Cell Mutagenicity Category 1B  
Carcinogenicity Category 1A  
Skin Corrosion/Irritation Category 2  
Serious Eye Damage/Eye Irritation Category 2A  
Reproductive Toxicity Category 2  
Specific Target Organ Systemic Toxicity (STOT) - Repeated Exposure Category 2  
Hazardous to the aquatic environment - Acute Category 3  
Hazardous to the aquatic environment - Chronic Category 3

GHS Signal Word:

Danger

GHS Hazard Statements:

Extremely flammable liquid and vapour.

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Causes skin irritation.  
Causes serious eye irritation.  
May cause genetic defects.  
May cause cancer.  
Suspected of damaging fertility or the unborn child.  
May cause damage to organs through prolonged or repeated exposure.  
Harmful to aquatic life.  
Harmful to aquatic life with long lasting effects.

## **GHS Precautionary Statements:**

### **Safety Precautions:**

Obtain special instructions before use.  
Do not handle until all safety precautions have been read and understood.  
Keep away from heat/sparks/open flames/hot surfaces. – No smoking.  
Keep container tightly closed.  
Ground/bond container and receiving equipment.  
Use explosion-proof electrical/ventilating/lighting equipment.  
Use only non-sparking tools.  
Take precautionary measures against static discharge.  
Do not breathe dust/fume/gas/mist/vapours/spray.  
Wash thoroughly after handling.  
Avoid release to the environment.

### **First Aid Measures:**

Wear protective gloves/protective clothing/eye protection/face protection.  
IF ON SKIN: Wash with plenty of soap and water.  
IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing.  
Rinse skin with water/shower.  
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.  
Get medical advice/attention if you feel unwell.  
Specific treatment (see on this label).  
If skin irritation occurs: Get medical advice/attention.  
If eye irritation persists: Get medical advice/attention.  
In case of fire: Use appropriate media to extinguish.

### **Storage:**

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

### **Disposal:**

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

### **Hazards not otherwise classified:**

Reports have associated repeated and prolonged occupational overexposure to  
solvents with permanent brain and nervous system damage.

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## 3. Composition/information on ingredients

Chemical Component:	CAS number and other unique identifiers	% (or range) of ingredient
Petroleum gases, liquefied, sweetened	68476-86-8	15 - 40
Xylene	1330-20-7	10 - 30
Acetone	67-64-1	10 - 30
Crystalline Silica (Quartz)	14808-60-7	10 - 30
Isobutyl Acetate	110-19-0	10 - 30
Toluene	108-88-3	1 - 5
n-Butyl acetate	123-86-4	1 - 5
methyl ethyl ketone 78-93-3	78-93-3	1 - 5

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

## 4. First-aid measures

Description of necessary measures, subdivided according to the different routes of exposure, i.e., inhalation, skin and eye contact, and ingestion:

**Eye Contact:** 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.

**Skin Contact:** 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

**Inhalation:** 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. Get medical attention immediately. Keep the victim warm and quiet. If the victim has stopped breathing open airway, loosen collar and belt, and administer artificial respiration. If breathing is difficult, oxygen may be beneficial if administered by trained personnel, preferably on a doctor's advice.

**Ingestion:** 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

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down. If possible, do not leave individual unattended. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into lungs.

## Most important symptoms/effects, acute and delayed:

Most important symptoms/effects (Acute): No data available

Most important symptoms/effects (Delayed): Overexposure to this material has been suggested as a cause of the following effects in laboratory animals: mild, reversible liver effects, mild, reversible kidney effects, cardiac sensitization, kidney damage.

The substance may have effects on the central nervous system, resulting in decreased learning ability and psychological disorders. Overexposure to this material may have effects on the blood and bone marrow.

Indication of immediate medical attention and special treatment needed, if necessary: No additional first aid information available

## 5. Fire-fighting measures

### Suitable (and unsuitable) extinguishing media:

Suitable extinguishing media: 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. Regular foam Alcohol foam Carbon dioxide Dry chemical

Unsuitable extinguishing media: No data available

### Specific hazards arising from the chemical (e.g., nature of any hazardous combustion products):

Fire and/or Explosion Hazards: 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.

Hazardous Combustion Products: Carbon dioxide, Carbon monoxide, Smoke

Special protective equipment and precautions for fire-fighters: 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.

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Flammable component(s) of this material may be lighter than water and burn while floating on the surface. Use water spray/fog for cooling. Water may be used to cool closed containers to prevent pressure build-up and possible auto ignition or explosion when exposed to extreme heat.

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

**Personal precautions, protective equipment, and emergency procedures:**

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.

**Methods and materials for containment and cleaning up:**

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 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

**Precautions for safe handling:**

Harmful or irritating material. Avoid contacting and avoid breathing the material. Use only in a well ventilated area. All hazard precautions given in the data sheet must be observed. Do not get in eyes, on skin and clothing Wash hands before eating Use with adequate ventilation Avoid contact with material, avoid breathing dusts or fumes, use only in a well ventilated area. Do not take internally. Keep out of the reach of children.

**Conditions for safe storage, including any incompatibilities**

**Conditions for safe storage:**

Store in a cool dry ventilated location. Isolate from incompatible materials and conditions. Keep container(s) closed. Store in a cool dry place Contents under pressure. Do not puncture or incinerate.

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Do not store above 120° F (49° C). For maximum product quality, avoid prolonged storage at temperatures above 75 °F (25 °C). Keep away from heat, sparks, and flame Store in a tightly closed container Avoid contact with incompatible materials.

**Materials to Avoid/Chemical Incompatibility:**

Oxidizing materials

## 8. Exposure controls/personal protection

OSHA permissible exposure limit (PEL), American Conference of Governmental Industrial Hygienists (ACGIH) Threshold Limit Value (TLV), and any other exposure limit used or recommended by the chemical manufacturer, importer, or employer preparing the safety data sheet, where available:

Chemical Component	OSHA PEL	ACGIH TLV-TWA	ACGIH STEL
Xylene	100 ppm	100 ppm	150 ppm
Acetone	1000 ppm	500 ppm	750 ppm
Isobutyl Acetate	150 ppm	150 ppm	No data available
Toluene	100 ppm	100 ppm	No data available
n-Butyl acetate	150 ppm	150 ppm	200 ppm STEL; 950 mg/m3 STEL
methyl ethyl ketone 78-93-3	200 ppm	200 ppm	No data available

**Appropriate engineering controls:**

Local exhaust ventilation or other engineering controls are normally required when handling or using this product to avoid overexposure. General or local ventilation or isolation may prove adequate to keep airborne exposures below exposure limits. Explosion proof exhaust ventilation should be used.

**Individual protection measures, such as personal protective equipment:**

**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 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.

**Skin Protection:**

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. Gloves should be made of neoprene or natural rubber. To prevent repeated or prolonged skin contact, wear impervious clothing and boots

**Respiratory Protection:**

Respiratory protection will be required when handling this product. Use respirators only if ventilation cannot be used to eliminate

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**Other Protective Equipment:** symptoms or reduce the exposure to below acceptable levels. Use a NIOSH approved respirator designed to remove particulate matter and organic solvent vapors. 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

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. Gloves should be made of neoprene or natural rubber. To prevent repeated or prolonged skin contact, wear impervious clothing and boots

## 9. Physical and chemical properties

**Appearance (physical state, color, etc.):**

**Appearance (physical state):**

Liquid with propellant

**Color:**

Grey

**Odor:**

Solvent

**Odor threshold:**

No data available

**pH:**

No data available

**Melting Point/Freezing Point (°C):**

No data available

**Initial Boiling Point and Boiling Range (°C):**

-18

**Flash Point (°C):**

-19

**Evaporation Rate:**

No data available

**Flammability (solid, gas):**

No data available

**Upper/lower flammability or explosive limits:**

**Upper Flammable/Explosive Limit (%):**

13

**Lower Flammable/Explosive Limit (%):**

1.1

**Vapor Pressure:**

No data available

**Vapor Density:**

No data available

**Relative Density:**

0.83

**Solubility(ies):**

Insoluble

**Partition coefficient: n-octanol/water:**

No data available

**Auto-ignition Temperature (°C):**

No data available

**Decomposition Temperature:**

No data available

**Viscosity:**

No data available

**VOC (as packaged-less exempts and water):**

57.5 lbs/gal or

**VOC (as applied\* - 2% by wt hardener- less exempts and water):**

or 470 g/L

## 10. Stability and reactivity

**Reactivity:**

No data available

**Chemical stability:**

Stable under normal conditions. Stable under normal handling

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	conditions. High heat may cause container bursting. Vapors could ignite explosively
Possibility of hazardous reactions:	No data available
Conditions to avoid (e.g., static discharge, shock, or vibration):	Contamination
Incompatible materials:	Oxidizing materials
Hazardous decomposition products:	Carbon dioxide Carbon monoxide Hydrocarbons Nitrogen containing gases

## 11. Toxicological information

Information on the likely routes of exposure (inhalation, ingestion, skin and eye contact):	Ingestion, Skin contact, Eye contact, Absorption
Symptoms related to the physical, chemical and toxicological characteristics:	No data available

Delayed and immediate effects and also chronic effects from short- and long-term exposure:

Immediate (Acute) Health Effects by Route of Exposure:

Inhalation Irritation:	Can cause severe respiratory irritation, dizziness, weakness, fatigue, nausea, headache and possible unconsciousness. Excessive inhalation of vapors may cause nasal and respiratory irritation, acute nervous system depression, fatigue, weakness, nausea, headache and 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. Contact with skin can cause irritation, (minor itching, burning and /or redness), Dermatitis, Defatting may be readily absorbed through the skin.
Eye Contact:	Can cause severe irritation. Eye contact may result in corneal injury. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva. 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, 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.
Ingestion Toxicity:	Harmful if swallowed. May cause systemic poisoning.



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## Long-Term (Chronic) Health Effects:

<b>Carcinogenicity:</b>	May cause cancer. May contain carbon black, and/or ethylbenzene which is classified as a group 2B by IARC.
<b>Reproductive and Developmental Toxicity:</b>	Suspected of damaging fertility or the unborn child.
<b>Mutagenicity:</b>	May cause genetic defects.
<b>Inhalation:</b>	Upon prolonged and/or repeated exposure, can cause severe respiratory irritation, dizziness, weakness, fatigue, nausea, headache and possible unconsciousness. Harmful! Can cause systemic damage upon prolonged and/or repeated exposure (see "Target Organs")
<b>Skin Contact:</b>	Upon prolonged or repeated contact, can cause moderate skin irritation, defatting, and dermatitis. Not likely to cause permanent damage.
<b>Skin Absorption:</b>	Upon prolonged or repeated exposure, harmful if absorbed through the skin. May cause severe irritation and systemic damage.

## Numerical measures of toxicity (such as acute toxicity estimates)

### Component Toxicology Data

Chemical Component	Oral LD50	Dermal LD50	Inhalation LC50
Xylene	Oral LD50 Rat 4300 mg/kg		Inhalation LC50 (4h) Rat 5000 ppm
Acetone	Oral LD50 Rat 5800 mg/kg	Dermal LD50 Rabbit 20000 mg/kg	Inhalation LC50 (4h) Rat > 16000 ppm
Isobutyl Acetate	Oral LD50 Rat 13400 mg/kg		
Toluene	Oral LD50 Rat 5000 mg/kg		Inhalation LC50 (4h) Rat 4000 ppm
n-Butyl acetate	Oral LD50 Rat 13100 mg/kg		Inhalation LC50 (4h) Rat 2000 ppm
methyl ethyl ketone 78-93-3	Oral LD50 Rat 2737 mg/kg		Inhalation LC50 (8h) Rat 23500 mg/m3

Whether the hazardous chemical is listed in the National Toxicology Program (NTP) Report on Carcinogens (latest edition) or has been found to be a potential carcinogen in the International Agency for Research on Cancer (IARC) Monographs (latest edition), or by OSHA

Chemical Name	OSHA Carcinogen	IARC Carcinogen	NTP Carcinogen
Crystalline Silica (Quartz)	Y	Y	Y

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## 12. Ecological information

<b>Ecotoxicity (aquatic and terrestrial, where available):</b>	Toxic to aquatic life with long lasting effects. Toxic to aquatic life. Harmful to aquatic life. Xylene and Toluene are toxic to aquatic organisms and should not be released to sewage, draining systems or any body of water exceeding concentrations of approved limits under applicable regulations and permits.
<b>Persistence and degradability:</b>	No data available
<b>Bioaccumulative potential:</b>	No data
<b>Mobility in soil:</b>	No data available
<b>Other adverse effects (such as hazardous to the ozone layer):</b>	No data available

### Ecological Toxicity Data

Chemical Component	Aquatic EC50 Crustacea	Aquatic ERC50 Algae	Aquatic LC50 Fish
Acetone	Aquatic EC50 (48h) Daphnia 10294 - 17704 MG/L		Aquatic LC50 (96h) Rainbow Trout 4740 - 6330 MG/L
Xylene			Aquatic LC50 (96h) 7.711 - 9.591 MG/L
n-Butyl acetate			Aquatic LC50 (96h) 17 - 19 MG/L

## 13. Disposal considerations

**Description of waste residues and information on their safe handling and methods of disposal, including the disposal of any contaminated packaging**

**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

<b>UN number:</b>	UN1950
<b>UN proper shipping name:</b>	AEROSOLS
<b>Transport hazard class(es):</b>	2
<b>Packing group:</b>	No data available

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The shipper is responsible for following all applicable regulations. The transportation classification provided is based on ITW Evercoat original packaging, which is suitable for domestic ground transport only.

## 15. Regulatory information

Safety, health and environmental regulations specific for the product in question

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
Crystalline Silica (Quartz)	14808-60-7	N	N	N	Y
Xylene	1330-20-7	N	N	Y	N
Toluene	108-88-3	N	N	Y	Y
methyl ethyl ketone 78-93-3	78-93-3	N	N	Y	N

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

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