

Safety Data Sheet

Product Name: 2.1 V.O.C. 2K Urethane Primer Surfacer-Medium gray

Product identifier: 102210

Revision Date: 08-19-2016

Replaces:

EVERCOAT®

1. Identification

Product identifier used on the label:

Product Name: 2.1 V.O.C. 2K Urethane Primer Surfacer-Medium gray

Product identifier: 102210

Other means of identification

Synonyms: No data available

Recommended use of the chemical and restrictions on use: 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: Carcinogenicity Category 1A
Flammable Liquid Category 2
Serious Eye Damage/Eye Irritation Category 2A
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: Highly flammable liquid and vapour.
Causes serious eye irritation.
May cause cancer.
May cause damage to organs through prolonged or repeated exposure.

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GHS Precautionary Statements:

Safety Precautions:

Harmful to aquatic life.
Harmful to aquatic life with long lasting effects.

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 (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.
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:

No data available

3. Composition/information on ingredients

Chemical Component:	CAS number and other unique identifiers	% (or range) of ingredient
Acetone	67-64-1	7 - 15
Titanium dioxide	13463-67-7	7 - 15
Crystalline Silica (Quartz)	14808-60-7	1 - 5
Tremolite (Non-asbestiform)	14567-73-8	1 - 5
Xylene	1330-20-7	1 - 5
Ethyl Benzene	100-41-4	1 - 5
Methyl amyl Ketone	110-43-0	1 - 5
Carbon black	1333-86-4	0.1 - 1

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

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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 affected area thoroughly with soap and water. Remove contaminated clothing and continue flushing with water. Wash clothing before reuse.

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 any breathing problems occur during use, LEAVE THE AREA and get fresh air. Restore breathing. Keep warm and quiet.

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. Do not induce vomiting unless directed to do so by medical personnel. Seek immediate medical attention.

Most important symptoms/effects, acute and delayed:

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

Most important symptoms/effects (Delayed): Irritation of eyes, skin and upper respiratory system.
May cause nervous system depression.
Extreme overexposure may result in unconsciousness and possibly death.

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:

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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. Use National Fire Protection Association (NFPA) Class B extinguishers (carbon dioxide, dry chemical, or universal aqueous film forming foam) designed to extinguish NFPA Class IB flammable liquid fires. Water may be ineffective in fire fighting due the material (or component(s) low flash point, low solvent density, and limited miscibility with water. Water spray may be used to cool closed containers to prevent pressure build-up and possible auto ignition or explosion when exposed to extreme heat.

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. Closed containers may explode when exposed to extreme heat.

Application to hot surfaces requires special precautions.

During emergency conditions overexposure to decomposition products may cause a health hazard.

Symptoms may not be immediately apparent.

Obtain medical attention.

Hazardous Combustion Products:

Toxic and corrosive gases,, Carbon dioxide, Carbon monoxide, Hydrocarbons

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.

Flammable component(s) of this material may be lighter than water and burn while floating on the surface. Use water spray/fog for cooling. As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Water may be ineffective in fire fighting due the material (or component(s) low flash point, low solvent density, and limited miscibility with water.

If water is used, fog nozzles are preferable.

Water may be used to cool closed containers to prevent pressure build-up and possible auto ignition or explosion when exposed to extreme heat.

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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. Activate available exhaust ventilation equipment in the immediate spill area. Only personnel equipped with proper respiratory, skin, and eye protection should be permitted in the area. Shut off ignition sources; including electrical equipment and flames. Do not allow smoking in the area. Use an inert absorbent such as sand or vermiculite. Place in properly labeled closed container. Only the spilled material and the absorbent should be placed in this 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. Use with adequate ventilation Do not get in eyes, on skin and clothing Avoid breathing vapors or mists. Wash thoroughly after handling This coating may contain materials classified as nuisance particulates (listed as Dust in section 2) which may be present at hazardous levels only during sanding or abrading of the dried film. If no specific dusts are listed in section 2, the applicable limits for nuisance dust are ACGIII TLV 10 mg/m³ (total dust), 3 mg/m³ (respirable fraction), OSHA PEL 15 mg/m³ (total dust), 5 mg/m³ (respirable fraction). Removal of old paint by sanding, scraping, or other means may generate dust or fumes that contain lead.

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. Keep away from heat, sparks, and flame Vapors will accumulate readily and may ignite explosively. During use and until all vapors are gone: Keep area ventilated - Do not smoke - Extinguish all flames, pilot lights, and heaters - Turn off stoves, electric tools and appliances,

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and other sources of ignition. Consult NFPA Code. Ground and bond containers when transferring material Do not store above 120° F (49° C). Heat from sunlight, radiators, stoves, hot water, and other heat sources could cause container to burst

Materials to Avoid/Chemical Incompatibility:

Strong alkalis Strong mineral acids Strong oxidizing agents

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
Acetone	1000 ppm	500 ppm	750 ppm
Titanium dioxide	15 mg/m ³	10 mg/m ³	No data available
Xylene	100 ppm	100 ppm	150 ppm
Ethyl Benzene	100 ppm	100 ppm	No data available
Methyl amyl Ketone	100 ppm	100 ppm	No data available
Carbon black	3.5 mg/m ³	3.5 mg/m ³	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. Local exhaust ventilation is recommended when generating excessive levels of vapors from handling or thermal processing. General or local ventilation or isolation may prove adequate to keep airborne exposures below exposure limits. Engineering controls must be designed to meet the OSHA chemical specific standard in 29 CFR 1910.

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. Safety Glasses or goggles with splash guards or side shields.

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. None required for normal application of these products where minimal skin contact is expected. Chemical resistant, impermeable gloves as needed to prevent excessive contact.

Respiratory Protection:

Respiratory protection will be required when handling this product.

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Use respirators only if ventilation cannot be used to eliminate symptoms or reduce the exposure to below acceptable levels. 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. When sanding or abrading the dried film, wear a dust/mist respirator approved by NIOSH/MSHA for dust which may be generated from this product, underlying paint, or the abrasive. 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

Other Protective Equipment:

Safety Glasses or goggles with splash guards or side shields. None required for normal application of these products where minimal skin contact is expected. Chemical resistant, impermeable gloves as needed to prevent excessive contact.

9. Physical and chemical properties

Appearance (physical state, color, etc.):

Appearance (physical state):

Liquid

Color:

Grey

Odor:

No data available

Odor threshold:

No data available

pH:

No data available

Melting Point/Freezing Point (°C):

No data available

Initial Boiling Point and Boiling Range (°C):

56

Flash Point (°C):

-29

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 (%):

0.1

Vapor Pressure:

No data available

Vapor Density:

Heavier than air. Vapors that evolve from this product will tend to settle and accumulate near the floor.

Relative Density:

1.49

Solubility(ies):

Complete; 100%

Partition coefficient: n-octanol/water:

1.36

Auto-ignition Temperature (°C):

No data available

Decomposition Temperature:

No data available

Viscosity:

No data available

VOC (as packaged-less exempts and water):

1.61 lbs/gal or 192 g/L

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10. Stability and reactivity

Reactivity:	No data available
Chemical stability:	Stable under normal conditions. Stable
Possibility of hazardous reactions:	No data available
Conditions to avoid (e.g., static discharge, shock, or vibration):	High temperatures Contamination
Incompatible materials:	Strong alkalis Strong mineral acids Strong oxidizing agents
Hazardous decomposition products:	Carbon monoxide Carbon dioxide Sulfur containing gases Oxides of barium Lowers molecular weight polymer fractions

11. Toxicological information

Information on the likely routes of exposure (inhalation, ingestion, skin and eye contact): Ingestion, Skin contact, Eye contact

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. Headache, dizziness, nausea, and loss of coordination are indications of excessive exposure to vapors or spray mists

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: Minimal hazard in normal industrial use. May cause gastrointestinal discomfort. Redness and itching or burning sensation may indicate excessive skin exposure.

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. May also cause effects on the liver and kidneys.

Ingestion Toxicity: Harmful if swallowed. May cause systemic poisoning.

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Long-Term (Chronic) Health Effects:

Carcinogenicity: May cause cancer. Not listed by ACGIH, IARC, NIOSH, NTP OR OSHA.

Reproductive and Developmental Toxicity: No data available to indicate product or any components present at greater than 0.1% may cause birth defects.

Mutagenicity: No data available to indicate product or any components present at greater than 0.1% is mutagenic or genotoxic.

Inhalation: 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")

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, minimal hazard in normal industrial use. May cause gastrointestinal discomfort.

Numerical measures of toxicity (such as acute toxicity estimates)

Component Toxicology Data

Chemical Component	Oral LD50	Dermal LD50	Inhalation LC50
Acetone	Oral LD50 Rat 5800 mg/kg	Dermal LD50 Rabbit 20000 mg/kg	Inhalation LC50 (4h) Rat > 16000 ppm
Xylene	Oral LD50 Rat 4300 mg/kg		Inhalation LC50 (4h) Rat 5000 ppm
Methyl amyl Ketone	Oral LD50 Rat 1670 mg/kg		

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
Titanium dioxide	N	Y	N
Crystalline Silica (Quartz)	Y	Y	Y
Tremolite (Non-asbestiform)	Y	Y	Y
Carbon black	N	Y	N

12. Ecological information

Ecotoxicity (aquatic and terrestrial, where available): Toxic to aquatic life with long lasting effects. Toxic to aquatic life. This material is 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.

Persistence and degradability: No data available

Bioaccumulative potential: No data

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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
Acetone	Aquatic EC50 (48h) Daphnia 10294 - 17704 MG/L		Aquatic LC50 (96h) Rainbow Trout 4740 - 6330 MG/L
Titanium dioxide	Aquatic EC50 (48h) Daphnia > 1000 ml/l		Aquatic LC50 (96h) > 1000 MG/L
Xylene			Aquatic LC50 (96h) 7.711 - 9.591 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

UN number: UN1263

UN proper shipping name: PAINT RELATED MATERIAL

Transport hazard class(es): 3

Packing group: II

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: A component or components of this product are listed on the TSCA Inventory of Existing Chemical Substances.

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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
Titanium dioxide	13463-67-7	N	N	Y	Y
Ethyl Benzene	100-41-4	N	N	N	Y
Crystalline Silica (Quartz)	14808-60-7	N	N	N	Y
Xylene	1330-20-7	N	N	Y	N
Carbon black	1333-86-4	N	N	N	Y

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

Revision Date: 08-19-2016

Revision Number: 6

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