

Safety Data Sheet

Product Name: Direct to Metal Activator

Product identifier: 102288

Revision Date: 08-19-2016

Replaces:

EVERCOAT®

1. Identification

Product identifier used on the label:

Product Name: Direct to Metal Activator

Product identifier: 102288

Other means of identification

Synonyms: No data available

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 3
Acute Toxicity - Inhalation Vapour Category 4
Respiratory Sensitisation Category 1
Skin Sensitisation Category 1

GHS Signal Word: Danger

GHS Hazard Statements: Flammable liquid and vapour.
May cause an allergic skin reaction.
Harmful if inhaled.
May cause allergy or asthma symptoms or breathing difficulties if inhaled.

GHS Precautionary Statements:

Safety Precautions: Keep away from heat/sparks/open flames/hot surfaces. – No smoking.
Ground/bond container and receiving equipment.
Use explosion-proof electrical/ventilating/lighting equipment.
Use only non-sparking tools.

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Take precautionary measures against static discharge.
Avoid breathing dust/fume/gas/mist/vapours/spray.
Wash thoroughly after handling.
Use only outdoors or in a well-ventilated area.
Contaminated work clothing should not be allowed out of the workplace.
Wear protective gloves/protective clothing/eye protection/face protection.
Wear respiratory protection.
Keep container tightly closed.

First Aid Measures:

In case of fire: Use appropriate media to extinguish.
IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing.
Rinse skin with water/shower.
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
IF exposed or if you feel unwell: Call a POISON CENTER or doctor/physician.

Storage:

Store in a well-ventilated place. Keep cool.

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
p-Chlorobenzotrifluoride	98-56-6	60 - 80

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 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.

Skin Contact: Remove contaminated clothing immediately and wash skin with soap and water. In case of eczema or other skin disorders: Seek medical attention and take along these instructions.

Inhalation: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Oxygen or artificial respiration if needed. Do not use mouth-to-mouth method if victim inhaled the substance. Induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. If experiencing respiratory symptoms: Call a

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Ingestion:	POISON CENTER or doctor/physician. Rinse mouth. Get medical attention if symptoms occur.
Most important symptoms/effects, acute and delayed:	
Most important symptoms/effects (Acute):	Direct contact with eyes may cause temporary irritation. Difficulty in breathing. May cause an allergic skin reaction. Dermatitis. Rash.
Most important symptoms/effects (Delayed):	No data available
Indication of immediate medical attention and special treatment needed, if necessary:	Provide general supportive measures and treat symptomatically. Thermal burns: Flush with water immediately. While flushing, remove clothes which do not adhere to affected area. Call an ambulance. Continue flushing during transport to hospital. Keep victim under observation. Symptoms may be delayed. Keep victim under observation. Symptoms may be delayed
General Information:	Take off all contaminated clothing immediately. Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Wash contaminated clothing before reuse.

5. Fire-fighting measures

Suitable (and unsuitable) extinguishing media:

Suitable extinguishing media: Foam. Dry extinguishing powder. Carbon dioxide (CO2).

Unsuitable extinguishing media: Do not use water jet as an extinguisher, as this will spread the fire.

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

Fire and/or Explosion Hazards: Vapors may form explosive mixtures with air. Vapors may travel considerable distance to a source of ignition and flash back. During fire, gases hazardous to health may be formed.

Hazardous Combustion Products: No data available

Special protective equipment and precautions for fire-fighters: Self-contained breathing apparatus and full protective clothing must be worn in case of fire. In case of fire and/or explosion do not breathe fumes.

Move container from fire area if this is possible without hazard.

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6. Accidental release measures

Personal precautions, protective equipment, and emergency procedures:

Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Wear appropriate protective equipment and clothing during clean-up. Do not breathe mist or vapor. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Use appropriate containment to avoid environmental contamination. Transfer by mechanical means such as vacuum truck to a salvage tank or other suitable container for recovery or safe disposal. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS. Wear appropriate protective equipment and clothing during clean-up. Avoid inhalation of vapors and spray mists. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

Methods and materials for containment and cleaning up:

Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Take precautionary measures against static discharge. Use only non-sparking tools. Keep combustibles (wood, paper, oil, etc.) away from spilled material.

Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Prevent product from entering drains. Following product recovery, flush area with water.

Small Spills: Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS.

Environmental precautions:

Avoid discharge into drains, water courses or onto the ground.

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7. Handling and storage

Precautions for safe handling: Do not handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. When using do not smoke. Explosion-proof general and local exhaust ventilation. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Use non-sparking tools and explosion-proof equipment. Avoid inhalation of vapors and spray mists. Avoid contact with eyes, skin, and clothing. Use only outdoors or in a well-ventilated area. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.

Conditions for safe storage, including any incompatibilities

Conditions for safe storage: Keep away from heat, sparks and open flame. Prevent electrostatic charge build-up by using common bonding and grounding techniques. Store in a cool, dry place out of direct sunlight. Store in original tightly closed container. Store in a well-ventilated place. Keep in an area equipped with sprinklers. Store away from incompatible materials (see Section 10 of the SDS).

Materials to Avoid/Chemical Incompatibility: No data available

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
No data available	No data available	No data available	No data available

Appropriate engineering controls: Explosion-proof general and local exhaust ventilation. Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

Individual protection measures, such as personal protective equipment:

Eye Protection: Chemical respirator with organic vapor cartridge and full facepiece.
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. Wear appropriate chemical resistant clothing. Chemical resistant apron.

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Respiratory Protection: Safety shoes. Choose body protection according to the amount and concentration of the dangerous substance at the work place.
General hygiene considerations: Discard gloves that show tears, pinholes, or signs of wear. Wear resistant gloves (consult your safety equipment supplier).
Chemical respirator with organic vapor cartridge and full face piece.
When using do not smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

9. Physical and chemical properties

Appearance (physical state, color, etc.):

Appearance (physical state):	Liquid
Color:	Colorless
Odor:	Solvent
Odor threshold:	No data available
pH:	No data available
Melting Point/Freezing Point (°C):	33 °C
Initial Boiling Point and Boiling Range (°C):	139
Flash Point (°C):	46.7
Evaporation Rate:	No data available
Flammability (solid, gas):	No data available
Upper/lower flammability or explosive limits:	
Upper Flammable/Explosive Limit (%):	No data available
Lower Flammable/Explosive Limit (%):	No data available
Vapor Pressure:	10.17 hPa
Vapor Density:	No data available
Relative Density:	Not determined
Solubility(ies):	No data available
Partition coefficient: n-octanol/water:	No data available
Auto-ignition Temperature (°C):	No data available
Decomposition Temperature:	No data available
Viscosity:	No data available

10. Stability and reactivity

Reactivity: The product is stable and non-reactive under normal conditions of use, storage and transport.

Chemical stability: Stable under normal conditions.

Possibility of hazardous reactions: Hazardous polymerization does not occur.

Conditions to avoid (e.g., static discharge, shock, or vibration): Sparks, open flame, other ignition sources, and elevated temperatures. Avoid temperatures exceeding the flash point.

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<p>Incompatible materials:</p> <p>Hazardous decomposition products:</p>	<p>Contact with incompatible material.</p> <p>No data available</p> <p>No hazardous decomposition products are known.</p>
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11. Toxicological information

<p>Information on the likely routes of exposure (inhalation, ingestion, skin and eye contact):</p> <p>Symptoms related to the physical, chemical and toxicological characteristics:</p>	<p>Inhalation, Skin contact, Eye contact, Ingestion</p> <p>Difficulty in breathing. May cause an allergic skin reaction. Dermatitis. Rash.</p>
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Delayed and immediate effects and also chronic effects from short- and long-term exposure:

Immediate (Acute) Health Effects by Route of Exposure:

<p>Inhalation Irritation:</p> <p>Skin Contact:</p> <p>Eye Contact:</p> <p>Ingestion Irritation:</p>	<p>Harmful if inhaled. May cause allergy or asthma symptoms or breathing difficulties if inhaled.</p> <p>May cause an allergic skin reaction.</p> <p>Can cause irritation.</p> <p>Expected to be a low ingestion hazard.</p>
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Long-Term (Chronic) Health Effects:

<p>Carcinogenicity:</p> <p>Reproductive and Developmental Toxicity:</p> <p>Mutagenicity:</p>	<p>This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.</p> <p>This product is not expected to cause reproductive or developmental effects.</p> <p>No data available to indicate product or any components present at greater than 0.1% is mutagenic or genotoxic.</p>
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Numerical measures of toxicity (such as acute toxicity estimates)

Component Toxicology Data

Chemical Component	Oral LD50	Dermal LD50	Inhalation LC50
No data available			

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
No data available	N	N	N

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12. Ecological information

Ecotoxicity (aquatic and terrestrial, where available): The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Persistence and degradability: No data

Bioaccumulative potential: No data

Mobility in soil: No data available

Other adverse effects (such as hazardous to the ozone layer): No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

Ecological Toxicity Data

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

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: Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations

Waste treatment methods (including packaging): Dispose of by incineration following Federal, State, Local, or Provincial regulations.

Waste Disposal Code(s): The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

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.

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15. Regulatory information

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

TSCA Status: A component (or components) of this product is not listed on the TSCA Inventory of Existing Chemical Substances.

Regulated Components

Chemical Component	CAS number and other unique identifiers	CERCLA	SARA EHS	SARA 313	California Prop 65
No data available		N	N	N	N

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

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