

SECTION 1: Identification

1.1. Identification

Product form : Mixture
 Product name : WB Crosslinker
 Product code : ELCAT 150

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture : Wood Coating Additive

1.3. Details of the supplier of the safety data sheet

Manufacturer

Performance Finishing Solutions
 4800 Eastgate Parkway
 Units 3 & 4
 Mississauga, L4W 3W6 - Canada
 T 905-629-7007

Distributor

1.4. Emergency telephone number

Emergency number: : 905-629-7007

SECTION 2: Hazard identification

2.1. Classification of the substance or mixture

GHS classification

Eye Irrit. 2A

2.2. Label elements

GHS labelling

Hazard pictograms (GHS) :



GHS07

Signal word (GHS) : Warning
 Hazard statements (GHS) : Causes serious eye irritation.
 Precautionary statements (GHS) : Wash hands, forearms and face thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection.
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

2.3. Other hazards

No additional information available

2.4. Unknown acute toxicity

Not applicable

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%
Butanedioic acid, 2-sulfo-, 1,4-bis(2-ethylhexyl) ester, sodium salt (1:1)	(CAS-No.) 577-11-7	0 - <3

*Chemical name, CAS number and/or exact concentration have been withheld as a trade secret

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Safety Data Sheet

According to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012 and the Hazardous Products Regulations (HPR) WHMIS 2015

SECTION 4: First aid measures

4.1. Description of first aid measures

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|---------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| First-aid measures after inhalation | : If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell. |
| First-aid measures after skin contact | : IF ON SKIN: Wash with plenty of water. Take off contaminated clothing and wash it before reuse. If skin irritation occurs: Get medical advice/attention. |
| First-aid measures after eye contact | : IF IN EYES: Immediately flush with water for at least 10 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. |
| First-aid measures after ingestion | : Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. Get medical advice/attention if you feel unwell. |

4.2. Most important symptoms and effects, both acute and delayed

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|-------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Symptoms/effects after inhalation | : Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure. |
| Symptoms/effects after skin contact | : No known significant effects or critical hazards. |
| Symptoms/effects after eye contact | : Causes serious eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva. |
| Symptoms/effects after ingestion | : No known significant effects or critical hazards. |

4.3. Indication of any immediate medical attention and special treatment needed

Symptoms may be delayed. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

SECTION 5: Firefighting measures

5.1. Extinguishing media

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|--------------------------------|--------------------------------------------------|
| Suitable extinguishing media | : Water spray. Dry powder. Foam. Carbon dioxide. |
| Unsuitable extinguishing media | : None known. |

5.2. Special hazards arising from the substance or mixture

- | | |
|-------------|--------------------------------------------------------------------------------------------------------------------------------|
| Fire hazard | : Products of combustion may include, and are not limited to: oxides of carbon, nitrogen, sulfur phosphorous and metal oxides. |
| Reactivity | : No dangerous reactions known under normal conditions of use. |

5.3. Advice for firefighters

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|--------------------------------|--------------------------------------------------------------------------------------------------------------------|
| Protection during firefighting | : Keep upwind of fire. Wear full fire fighting turn-out gear (full Bunker gear) and respiratory protection (SCBA). |
|--------------------------------|--------------------------------------------------------------------------------------------------------------------|

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

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| General measures | : Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel. Avoid contact with skin and eyes. Spilled material may present a slipping hazard. |
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6.1.1. For non-emergency personnel

No additional information available

6.1.2. For emergency responders

No additional information available

6.2. Environmental precautions

Prevent entry to sewers and public waters.

6.3. Methods and material for containment and cleaning up

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|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| For containment | : Absorb and/or contain spill with inert material (sand, vermiculite or other appropriate material), then place in suitable container. Do not flush into surface water or sewer system. Wear recommended personal protective equipment. |
| Methods for cleaning up | : Sweep or shovel spills into appropriate container for disposal. |

6.4. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection"

SECTION 7: Handling and storage

7.1. Precautions for safe handling

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| Precautions for safe handling | : Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapours/spray. Do not swallow. Handle and open container with care. When using do not eat, drink or smoke. |
|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

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Hygiene measures : Wash contaminated clothing before reuse. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep out of the reach of children. Keep container tightly closed. Protect from freezing. Keep out of direct sunlight.

Maximum storage period : 24 months

Storage temperature : 1 - 49 °C (34 - 120 °F)

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Butanedioic acid, 2-sulfo-,1,4-bis(2-ethylhexyl) ester, sodium salt (1:1) (577-11-7)		
ACGIH	ACGIH TWA (ppm)	none
ACGIH	ACGIH STEL (ppm)	none
OSHA	OSHA PEL (TWA) (mg/m ³)	none
OSHA	OSHA PEL (TWA) (ppm)	none
IDLH	US IDLH (ppm)	none

8.2. Exposure controls

Appropriate engineering controls : Ensure good ventilation of the work station. Ensure that eyewash stations and safety showers are close to the workstation location.

Hand protection : Wear suitable gloves resistant to chemical penetration.

Eye protection : Wear eye/face protection.

Skin and body protection : Wear suitable protective clothing.

Respiratory protection : In case of insufficient ventilation, wear suitable respiratory equipment. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

Environmental exposure controls : Avoid release to the environment.

Other information : Handle in accordance with good industrial hygiene and safety procedures. Do not eat, drink or smoke when using this product.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Liquid

Appearance : Translucent

Colour : Yellow

Odour : Slight

Odour threshold : No data available

pH : 7 - 9

Melting point : No data available

Freezing point : 0 °C (32 °F)

Boiling point : 222 °C (432 °F)

Flash point : 112 °C

Relative evaporation rate (butylacetate=1) : No data available

Flammability (solid, gas) : No data available

Vapour pressure : No data available

Relative vapour density at 20 °C : No data available

Relative density : 1.05

Solubility : Miscible in water

Partition coefficient n-octanol/water : No data available

Auto-ignition temperature : No data available

Decomposition temperature : No data available

Viscosity, kinematic : No data available

Viscosity, dynamic : 2000 cps

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Explosive limits	: Lower explosive limit (LEL): Not applicable Upper explosive limit (UEL): Not applicable
Explosive properties	: No data available
Oxidising properties	: No data available

9.2. Other information

VOC content	: 0 g/l
Percent Solids	: 100 %

SECTION 10: Stability and reactivity

10.1. Reactivity

No dangerous reactions known under normal conditions of use.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

No specific data.

10.5. Incompatible materials

Strong acids

10.6. Hazardous decomposition products

May include, and are not limited to: oxides of carbon.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral)	: Not classified.
Acute toxicity (dermal)	: Not classified.
Acute toxicity (inhalation)	: Not classified.

Butanedioic acid, 2-sulfo-,1,4-bis(2-ethylhexyl) ester, sodium salt (1:1) (577-11-7)

LD50 oral rat	3080 mg/kg
LD50 dermal rabbit	10000 mg/kg

Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	: Causes serious eye irritation. pH: 7 - 9
Respiratory or skin sensitisation	: Not classified.
Germ cell mutagenicity	: Not classified.
Carcinogenicity	: Not classified.
Reproductive toxicity	: Not classified.
STOT-single exposure	: Not classified.
STOT-repeated exposure	: Not classified.
Aspiration hazard	: Not classified.
Symptoms/effects after inhalation	: No known significant effects or critical hazards.
Symptoms/effects after skin contact	: No known significant effects or critical hazards.
Symptoms/effects after eye contact	: Causes serious eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva.
Symptoms/effects after ingestion	: No known significant effects or critical hazards.
Other information	: Likely routes of exposure: ingestion, inhalation, skin and eye.

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SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : Not available.

Butanedioic acid, 2-sulfo-,1,4-bis(2-ethylhexyl) ester, sodium salt (1:1) (577-11-7)	
LC50 fish 1	Not available
EC50 Daphnia 1	Not available

12.2. Persistence and degradability

ELCAT150	
Persistence and degradability	Easily eliminated from water (> 70%) - OECD 302B:ISO 9888 :88/302/EEC,PART C, DOC REDUCTION Abiotic Process: E.G Adsorption onto activated sludge.

12.3. Bioaccumulative potential

Butanedioic acid, 2-sulfo-,1,4-bis(2-ethylhexyl) ester, sodium salt (1:1) (577-11-7)	
Partition coefficient n-octanol/water	BCF 9.33

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

Other information : No other effects known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product/Packaging disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.
Additional information : Avoid release to the environment.

SECTION 14: Transport information

Department of Transportation (DOT) and Transportation of Dangerous Goods (TDG)

In accordance with DOT/TDG/IMDG and IATA
Not regulated

SECTION 15: Regulatory information

15.1. Federal regulations

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory.

All components of this product are listed, or excluded from listing, on the Canadian DSL (Domestic Substances List) and NDSL (Non-Domestic Substances List) inventories.

15.2. International regulations

No additional information available

15.3. US State regulations

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm

SECTION 16: Other information

Revision date : 12/04/2020
Other information : None.
Prepared by : Michael Chrisomalis

SDS HazCom 2012 - WHMIS 2015

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