

### SAFETY DATA SHEET

Revision date 17-Apr-2018

Version 5

Supersedes Date: 25-Aug-2017

# Section 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Product identifier

**Product Code** 

EH70

**Product Name** 

FAST ACTIVATOR 2.5L

Other means of identification

No information available

Recommended use of the chemical and restrictions on use

Paint, Coatings

Details of the supplier of the safety data sheet

See section 16 for more information

The Valspar Corporation PO Box 1461

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Emergency telephone number
United States of America 1-888-345-5732

#### **Section 2: HAZARDS IDENTIFICATION**

#### Classification

Acute toxicity - Inhalation (Dusts/Mists)	Category 4
Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2
Respiratory sensitization	Category 1
Skin sensitization	Category 1
Carcinogenicity	Category 1B
Reproductive toxicity	Category 2
Specific target organ toxicity (single exposure)	Category 3
Specific target organ toxicity (repeated exposure)	Category 2
Aspiration toxicity	Category 1
Flammable liquids	Category 2

#### Label elements



Signal word

**DANGER** 

#### **HAZARD STATEMENTS**

Highly flammable liquid and vapor Harmful if inhaled Causes skin irritation Causes serious eye irritation

May cause allergy or asthma symptoms or breathing difficulties if inhaled

May cause an allergic skin reaction

May cause cancer

Suspected of damaging fertility or the unborn child

May be fatal if swallowed and enters airways

May cause drowsiness or dizziness

May cause respiratory irritation

May cause damage to the following organs through prolonged or repeated exposure: Ears

#### PREVENTION

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves/protective clothing/eye protection/face protection. Use only outdoors or in a well-ventilated area. Wash face, hands and any exposed skin thoroughly after handling. In case of inadequate ventilation wear respiratory protection. Contaminated work clothing should not be allowed out of the workplace. Do not breathe dust/fume/gas/mist/vapors/spray. P210 - 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.

#### **RESPONSE**

IF exposed or concerned: Get medical advice/attention.

#### Eves

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.

#### Skin

If skin irritation or rash occurs: Get medical advice/attention. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower. Wash contaminated clothing before reuse.

#### Inhalation

IF INHALED: Remove person to fresh air and keep comfortable for breathing. If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician.

#### Ingestion

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting.

#### Fire

In case of fire: Use CO2, dry chemical, or foam for extinction.

#### **STORAGE**

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

#### **DISPOSAL**

Dispose of contents/containers in accordance with local regulations.

#### HAZARDS NOT OTHERWISE CLASSIFIED (HNOC)

No information available.

Not applicable.

**UNKNOWN ACUTE TOXICITY** 

0% of the mixture consists of ingredient(s) of unknown toxicity.

#### Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	weight-%
n-Butyl acetate	123-86-4	25 - 50
Hexamethylene diisocyanate homopolymer	28182-81-2	25 - 50
Xylenes	1330-20-7	10 - 25
Isophoronediisocyanate, Homopolymer	53880-05-0	10 - 25
Solvent naphtha, petroleum, light aromatic	64742-95-6	1 - 3
Ethyl acetate	141-78-6	1 - 3
Ethylbenzene	100-41-4	1 - 3
1,2,4-Trimethylbenzene	95-63-6	1 - 3
Toluene	108-88-3	0.1 - 0.3
Isophorone diisocyanate	4098-71-9	0.1 - 0.3
Cumene	98-82-8	0.1 - 0.3

<sup>\*</sup>The exact percentage (concentration) of composition has been withheld as a trade secret.

#### **Section 4: FIRST AID MEASURES**

#### **First Aid Measures**

#### **General advice**

IF exposed or concerned: Get medical advice/attention.

#### Eye contact

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.

#### **Skin Contact**

If skin irritation or rash occurs: Get medical advice/attention. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower. Wash contaminated clothing before reuse.

#### Inhalation

IF INHALED: Remove person to fresh air and keep comfortable for breathing. If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician.

#### Ingestion

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting.

#### Most important symptoms and effects, both acute and delayed

**Symptoms** No information available.

#### Indication of any immediate medical attention and special treatment needed

#### **Section 5: FIRE FIGHTING MEASURES**

#### Suitable extinguishing media

Dry chemical, CO2, water spray or alcohol-resistant foam.

Not to be used for safety reasons: Strong water jet

#### Specific hazards arising from the chemical

Burning produces heavy smoke. Fire may produce irritating and/or toxic gases. In the event of fire and/or explosion do not breathe fumes. May cause sensitization by inhalation. May cause sensitization by skin contact.

#### Special protective equipment for fire-fighters

Wear self-contained breathing apparatus and protective suit. Cool containers with flooding quantities of water until well after fire is out. Do not allow run-off from fire-fighting to enter drains or water courses.

#### Section 6: ACCIDENTAL RELEASE MEASURES

#### Personal precautions, protective equipment and emergency procedures

#### **Personal precautions**

Avoid breathing vapors or mists. Remove all sources of ignition. Use personal protective equipment as required. Avoid contact with skin, eyes or clothing. Keep people away from and upwind of spill/leak. Evacuate personnel to safe areas. Take precautionary measures against static discharges.

#### For emergency responders

Use personal protection recommended in Section 8.

#### **Environmental precautions**

Do not allow into any sewer, on the ground or into any body of water. If the product contaminates lakes, rivers or sewage, inform appropriate authorities in accordance with local regulations. Prevent further leakage or spillage if safe to do so. Local authorities should be advised if significant spillages cannot be contained.

#### Methods and material for containment and cleaning up

#### **Methods for containment**

Prevent further leakage or spillage if safe to do so.

#### Methods for cleaning up

Dispose of waste product or used containers according to local regulations. Clean with detergents. Avoid solvent cleaners. Dam up. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Pick up and transfer to properly labeled containers. Clean contaminated surface thoroughly. Take up mechanically, placing in appropriate containers for disposal.

#### **Section 7: HANDLING AND STORAGE**

#### Precautions for safe handling

#### **General advice**

Persons with a history of asthma, allergies, chronic or recurrent respiratory disease should not be exposed to any process in which this product is used. Examination of lung function should be carried out on a regular basis on persons spraying this product.

#### Advice on safe handling

Prevent the creation of flammable or explosive concentrations of vapor in air and avoid vapor concentration higher than the occupational exposure limits. Operators should wear anti-static footwear and clothing and floors should be of the conducting type. Use personal protection recommended in Section 8. Never use pressure to empty container. Comply with the health and safety at work laws. Prevent product from entering drains. Vapors are heavier than air and may spread along floors. Vapors may form explosive mixtures with air. Use only with adequate ventilation. Do not breathe dust/fume/gas/mist/vapors/spray. Use only in well-ventilated areas. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Take precautionary measures against static discharges. Use spark-proof tools and explosion-proof equipment. All equipment used when handling the product must be grounded.

#### **General Hygiene Considerations**

When using do not eat, drink or smoke. Wash contaminated clothing before reuse. Avoid contact with skin, eyes or clothing.

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

#### **Storage Conditions**

Keep/store only in original container. Store in accordance with local regulations. Keep unauthorized personnel away. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Keep container tightly closed in a dry and well-ventilated place. Keep tightly closed in a dry and cool place.

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## Strong oxidizing agents.

#### Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Control parameters

#### **Exposure Limits**

If S\* appears in the OEL table, it indicates this chemical contains a skin notation.

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
n-Butyl acetate	STEL: 150 ppm	TWA: 150 ppm	IDLH: 1700 ppm
123-86-4	TWA: 50 ppm	TWA: 710 mg/m <sup>3</sup>	TWA: 150 ppm
			TWA: 710 mg/m <sup>3</sup>
			STEL: 200 ppm
			STEL: 950 mg/m <sup>3</sup>
Xylenes	STEL: 150 ppm	TWA: 100 ppm	
1330-20-7	TWA: 100 ppm	TWA: 435 mg/m <sup>3</sup>	
Ethyl acetate	TWA: 400 ppm	TWA: 400 ppm	IDLH: 2000 ppm
141-78-6		TWA: 1400 mg/m <sup>3</sup>	TWA: 400 ppm
			TWA: 1400 mg/m <sup>3</sup>
Ethylbenzene	TWA: 20 ppm	TWA: 100 ppm	IDLH: 800 ppm
100-41-4		TWA: 435 mg/m <sup>3</sup>	TWA: 100 ppm
			TWA: 435 mg/m <sup>3</sup>
			STEL: 125 ppm
			STEL: 545 mg/m <sup>3</sup>
1,2,4-Trimethylbenzene	TWA: 25 ppm		TWA: 25 ppm
95-63-6			TWA: 125 mg/m <sup>3</sup>
Toluene	TWA: 20 ppm	TWA: 200 ppm	IDLH: 500 ppm
108-88-3		Ceiling: 300 ppm	TWA: 100 ppm
			TWA: 375 mg/m <sup>3</sup>
			STEL: 150 ppm
			STEL: 560 mg/m <sup>3</sup>
Isophorone diisocyanate	TWA: 0.005 ppm		TWA: 0.005 ppm
4098-71-9			TWA: 0.045 mg/m <sup>3</sup>
			STEL: 0.02 ppm
			STEL: 0.180 mg/m <sup>3</sup>
Cumene	TWA: 50 ppm	TWA: 50 ppm	IDLH: 900 ppm
98-82-8		TWA: 245 mg/m <sup>3</sup>	TWA: 50 ppm
		S*	TWA: 245 mg/m <sup>3</sup>

#### **Appropriate engineering controls**

#### **Engineering Controls**

Ensure adequate ventilation, especially in confined areas. Provide local exhaust ventilation. In case of insufficient ventilation, wear suitable respiratory equipment.

#### Individual protection measures, such as personal protective equipment

#### Eye/face protection

Tight sealing safety goggles.

#### Skin and body protection

Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact. Wear suitable protective clothing. Personnel should wear anti-static clothing made of natural fiber or of high temperature resistant synthetic fiber.

#### **Hand Protection**

There is no one glove material or combination of materials that will give unlimited resistance to any individual or combination of chemicals. Ensure that the breakthrough time of the glove material is not exceeded. Refer to glove supplier for information on breakthrough time for specific gloves. The instructions and information provided by the glove manufacturer on use, storage, maintenance and replacement must be followed. Gloves should be replaced regularly and if there is any sign of damage to the glove material. Always ensure that gloves are free from defects and that they are stored and used correctly. The performance or effectiveness of the glove may be reduced by physical / chemical damage and poor maintenance. Wear protective gloves.

#### Respiratory protection

In case of mist, spray or aerosol exposure wear suitable personal respiratory protection and protective suit. When workers are

facing concentrations above the exposure limit they must use appropriate certified respirators.

#### **Thermal Protection**

No information available

#### **Section 9: PHYSICAL AND CHEMICAL PROPERTIES**

#### Information on basic physical and chemical properties

Physical state liquid

Appearance No information available

Odor Solvent Color clear

Odor Threshold
pH value
Melting point/freezing point
Boiling point / boiling range
flash point

No information available
No information available
No information available
77 °C / 171 °F
4 °C / 39 °F

evaporation rate No information available Flammability (solid, gas) No information available

Flammability Limit in Air

Upper flammability limit:
Lower flammability limit:
Vapor Pressure
vapor density

No information available
No information available
No information available

Density (lbs per US gallon) 8.12 specific gravity .97

Solubility(ies)

Partition coefficient

Autoignition temperature

Decomposition temperature

Kinematic viscosity

Dynamic viscosity

No information available

Other information

#### **Section 10: STABILITY AND REACTIVITY**

**Reactivity** No information available.

Chemical stability Stable under normal conditions.

Possibility of Hazardous Reactions None under normal processing.

**Hazardous polymerization** None under normal processing.

Conditions to avoid Heat, flames and sparks.

**Incompatible materials** Strong oxidizing agents.

Hazardous Decomposition Products Carbon monoxide. Carbon dioxide (CO2). Chlorine gas.

#### **Section 11: TOXICOLOGICAL INFORMATION**

#### Information on likely routes of exposure

Eye contact

Causes serious eye irritation

**Skin Contact** 

May cause an allergic skin reaction

Causes skin irritation

Ingestion

May be fatal if swallowed and enters airways

#### Inhalation

Harmful if inhaled

May cause respiratory irritation

May cause allergy or asthma symptoms or breathing difficulties if inhaled

May cause drowsiness or dizziness

#### Numerical measures of toxicity - Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
n-Butyl acetate 123-86-4	= 10768 mg/kg (Rat)	> 17600 mg/kg ( Rabbit )	= 390 ppm (Rat) 4 h
Hexamethylene diisocyanate homopolymer 28182-81-2	-	-	= 18500 mg/m³(Rat)1 h
Xylenes 1330-20-7	= 3500 mg/kg (Rat)	> 1700 mg/kg (Rabbit) > 4350 mg/kg (Rabbit)	= 5000 ppm (Rat) 4 h = 29.08 mg/L (Rat) 4 h
Isophoronediisocyanate, Homopolymer 53880-05-0	-	-	-
Solvent naphtha, petroleum, light aromatic 64742-95-6	= 8400 mg/kg (Rat)	> 2000 mg/kg(Rabbit)	= 3400 ppm (Rat) 4 h
Ethyl acetate 141-78-6	= 5620 mg/kg (Rat)	> 20 mL/kg (Rabbit) > 18000 mg/kg (Rabbit)	-
Ethylbenzene 100-41-4	= 3500 mg/kg (Rat)	= 15400 mg/kg ( Rabbit )	= 17.4 mg/L (Rat) 4 h
1,2,4-Trimethylbenzene 95-63-6	= 3280 mg/kg (Rat)	> 3160 mg/kg ( Rabbit )	= 18 g/m³ ( Rat ) 4 h
Toluene 108-88-3	= 2600 mg/kg (Rat)	= 12000 mg/kg ( Rabbit )	= 12.5 mg/L (Rat) 4 h
Isophorone diisocyanate 4098-71-9	= 1097 mg/kg (Rat)	1060 - 4780 mg/kg (Rabbit)	= 0.135 mg/L (Rat) 4 h
Cumene 98-82-8	= 1400 mg/kg (Rat)	= 12300 μL/kg(Rabbit)	> 3577 ppm (Rat) 6 h = 39000 mg/m³ (Rat) 4 h

#### Numerical measures of toxicity - Product Information

The following values are calculated based on chapter 3.1 of the GHS document .

ATEmix (dermal) 10331 Mg/kg ATEmix (inhalation-dust/mist) 3.3 mg/l ATEmix (inhalation-vapor) 24 mg/l

**UNKNOWN ACUTE TOXICITY** 0% of the mixture consists of ingredient(s) of unknown toxicity.

#### Delayed and immediate effects as well as chronic effects from short and long-term exposure

Chemical Name	ACGIH	IARC	NTP	OSHA
Ethylbenzene 100-41-4	A3	Group 2B		X
Cumene		Group 2B	Reasonably Anticipated	X
98-82-8				

ACGIH (American Conference of Governmental Industrial Hygienists)

A3 - Animal Carcinogen.

IARC (International Agency for Research on Cancer)

Group 2B - Possibly Carcinogenic to Humans.

NTP (National Toxicology Program)

Reasonably Anticipated - Reasonably Anticipated to be a Human Carcinogen.

OSHA (Occupational Safety and Health Administration of the US Department of Labor)

X - Present.

Skin corrosion/irritation Causes skin irritation

Serious eye damage/eye irritation Causes serious eye irritation

Skin sensitization May cause an allergic skin reaction

Respiratory sensitization May cause allergy or asthma symptoms or breathing difficulties if inhaled

Germ cell mutagenicity Not applicable

Carcinogenicity May cause cancer

Reproductive Toxicity Suspected of damaging fertility or the unborn child

Specific target organ toxicity (single exposure) May cause respiratory irritation May cause drowsiness or dizziness Specific target organ toxicity (repeated exposure)

May cause damage to the following organs through prolonged or repeated exposure: Ears

Aspiration hazard May be fatal if swallowed and enters airways

#### **Section 12: ECOLOGICAL INFORMATION**

**Ecotoxicity** 

**Environmental precautions** Prevent product from entering drains.

Persistence and degradability

No information available

Bioaccumulation

No information available

**Mobility** 

No information available

No information available Other adverse effects

#### Section 13: DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal should be in accordance with applicable regional, national and local laws and Disposal of wastes

regulations.

Contaminated packaging Improper disposal or reuse of this container may be dangerous and illegal. Empty

containers must be scrapped or reconditioned.

#### **Section 14: TRANSPORT INFORMATION**

14.1 UN/ID no 14.2 Proper shipping name	DOT UN1263 Paint	IMDG UN1263 Paint	IATA UN1263 Paint
14.3 Hazard Class 14.4 Packing Group	3 II	3 II	3 II
14.5 Environmental hazard 14.6 Special Provisions	149, B52, IB2, T4, TP1, TP8, TP28,	163, 367	A3, A72, A192

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14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

No information available

The supplier may apply one of the following exceptions: Combustible Liquid (49 CFR 173.150(f)); Consumer Commodity (49 CFR 173.150(c), ICAO/IATA SP Á112), Limited Quantity (49 CFR 173.150(b), ICAO Part 3 Chapter 4, IATA 2.7, IMDG Chapter 3.4); Viscous Liquid (49 CFR 173.121(b), IMDG 2.3.2.2, IATA 3.3.3.1.1, ICAO 3.2.2, ADR 2.2.3.1.5); Does Not Sustain Combustion (49 CFR 173.120(a), IATA 3.3.1.3, ICAO 3.1.3, IMDG 2.3.1.3, ADR 2.2.3.1.1 Note 1); or others as allowed under hazardous materials/dangerous goods regulations.

#### Section 15: REGULATORY INFORMATION

#### **International Inventories**

**DSL** - Canadian Domestic Substances List

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

All components are listed or exempt from listing.

All components are listed or exempt

from listing

#### **US Federal Regulations**

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Chemical Name	SARA 313 - Threshold Values %	Metals	Hazardous air pollutants (HAPs) content
Xylenes 1330-20-7 10 - 25	1		Present
Ethylbenzene 100-41-4 1 - 3	0.1		Present
1,2,4-Trimethylbenzene 95-63-6 1 - 3	1		
Toluene 108-88-3 0.1 - 0.3	1		Present
Cumene 98-82-8 0.1 - 0.3	1		Present

#### SARA 311/312 Hazard Categories

Acute health hazard Yes **Chronic Health Hazard** Yes Fire hazard Yes Sudden release of pressure hazard No **Reactive Hazard** No

Chemical Name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
n-Butyl acetate 123-86-4	5000 lb			X
Xylenes 1330-20-7	100 lb			X
Ethylbenzene 100-41-4	1000 lb	Х	X	Х
Toluene 108-88-3	1000 lb	Х	Х	Х

Chemical Name	Hazardous Substances RQs	CERCLA/SARA RQ	Reportable Quantity (RQ)
n-Butyl acetate 123-86-4	5000 lb		RQ 5000 lb final RQ RQ 2270 kg final RQ
Xylenes 1330-20-7	100 lb		RQ 100 lb final RQ RQ 45.4 kg final RQ
Ethyl acetate 141-78-6	5000 lb		RQ 5000 lb final RQ RQ 2270 kg final RQ
Ethylbenzene 100-41-4	1000 lb		RQ 1000 lb final RQ RQ 454 kg final RQ
Toluene 108-88-3	1000 lb		RQ 1000 lb final RQ RQ 454 kg final RQ
Isophorone diisocyanate 4098-71-9		500 lb	
Cumene 98-82-8	5000 lb		RQ 5000 lb final RQ RQ 2270 kg final RQ

#### **US State Regulations**

#### Rule 66 status of product

Photochemically reactive.

<u>California Proposition 65</u>
WARNING! This product contains chemical(s) known to the State of California to cause cancer and/or to cause birth defects or other reproductive harm.

### U.S. EPA Label information

EPA Pesticide registration number Not applicable

#### U.S. State Right-to-Know Regulations

Chemical Name	
n-Butyl acetate	
123-86-4	
Hexamethylene diisocyanate homopolymer	
28182-81-2	
Xylenes	
1330-20-7	
Isophoronediisocyanate, Homopolymer	
53880-05-0	
Solvent naphtha, petroleum, light aromatic	
64742-95-6	
Ethyl acetate	
141-78-6	
Ethylbenzene	
100-41-4	
1,2,4-Trimethylbenzene	
95-63-6	
Toluene	
108-88-3	
Cumene	
98-82-8	

#### **Section 16: OTHER INFORMATION**

HMIS

Health hazards

\* = Chronic Health Hazard

Flammability 3

Sharing Health Hazard

Physical hazards 0
Personal Protection X

#### **Supplier Address**

Valspar Coatings 701 Shiloh Rd. Garland, TX 75042 972-276-5181

Prepared By Product Stewardship

Revision date 17-Apr-2018

Revision Note No information available

**Disclaimer** 

The information on this Safety Data Sheet (SDS) is based on the present state of our knowledge, current national legislation and guidelines. As the specific conditions of use of the product are outside the supplier's knowledge and control the user is responsible for ensuring that the requirements of relevant legislation are complied with. This SDS should not be construed as any guarantee of the technical performance or suitability for particular applications. UNLESS SUPPLIER AGREES OTHERWISE IN WRITING, SUPPLIER MAKES NO WARRANTIES, EXPRESS OR IMPLIED, AND DISCLAIMS ALL IMPLIED WARRANTIES INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR FREEDOM FROM PATENT INFRINGEMENT. SUPPLIER WILL NOT BE LIABLE FOR ANY SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES.

**End of Safety Data Sheet**