Safety Data Sheet
acc. to OSHA HCS

Printing date 04/11/2017 Reviewed on 04/11/2017

*
1 Identification

· **Product identifier**

· **Trade name: Eastwood EW10048ZP Aluma Blast**

· **Article number:** EW-10048ZP
· **Application of the substance / the mixture** Coating

· **Details of the supplier of the safety data sheet**
· **Manufacturer/Supplier:**
The Eastwood Company
263 Shoemaker Road
Pottstown, PA 19464
800 343 9353

· **Information department:**

· **Emergency telephone number:** CHEMTREC 1-800-424-9300

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2 Hazard(s) identification

· **Classification of the substance or mixture**

GHS02 Flame

Flam. Liq. 2	H225	Highly flammable liquid and vapor.

GHS08 Health hazard

Muta. 1B	H340	May cause genetic defects.
Carc. 1B	H350	May cause cancer.
Repr. 2	H361	Suspected of damaging fertility or the unborn child.
STOT RE 1	H372-H373	Causes damage to organs through prolonged or repeated exposure. May cause damage to the central nervous system through prolonged or repeated exposure.

GHS07

Skin Irrit. 2	H315	Causes skin irritation.
Eye Irrit. 2A	H319	Causes serious eye irritation.
Skin Sens. 1	H317	May cause an allergic skin reaction.
STOT SE 3	H335-H336	May cause respiratory irritation. May cause drowsiness or dizziness.

· **Label elements**
· **GHS label elements** The product is classified and labeled according to the Globally Harmonized System (GHS).
· **Hazard pictograms**

GHS02 GHS07 GHS08

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Trade name: Eastwood EW10048ZP Aluma Blast

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· ***Signal word*** *Danger*

· ***Hazard-determining components of labeling:***
toluene
Stoddard solvent
Alkyd Resin
Stoddard solvent
2-butanone oxime

· ***Hazard statements***

H225	*Highly flammable liquid and vapor.*
H315	*Causes skin irritation.*
H319	*Causes serious eye irritation.*
H317	*May cause an allergic skin reaction.*
H340	*May cause genetic defects.*
H350	*May cause cancer.*
H361	*Suspected of damaging fertility or the unborn child.*
H335-H336	*May cause respiratory irritation. May cause drowsiness or dizziness.*
H372-H373	*Causes damage to organs through prolonged or repeated exposure. May cause damage to the central nervous system through prolonged or repeated exposure.*

· ***Precautionary statements***

P210	*Keep away from heat/sparks/open flames/hot surfaces. No smoking.*
P241	*Use explosion-proof electrical/ventilating/lighting/equipment.*
P260	*Do not breathe dust/fume/gas/mist/vapors/spray.*
P280	*Wear protective gloves/protective clothing/eye protection/face protection.*
P240	*Ground/bond container and receiving equipment.*
P242	*Use only non-sparking tools.*
P243	*Take precautionary measures against static discharge.*
P264	*Wash thoroughly after handling.*
P270	*Do not eat, drink or smoke when using this product.*
P271	*Use only outdoors or in a well-ventilated area.*
P272	*Contaminated work clothing must not be allowed out of the workplace.*
P201	*Obtain special instructions before use.*
P202	*Do not handle until all safety precautions have been read and understood.*
P303+P361+P353	*If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower.*
P305+P351+P338	*If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.*
P321	*Specific treatment (see on this label).*
P304+P340	*IF INHALED: Remove person to fresh air and keep comfortable for breathing.*
P312	*Call a POISON CENTER/doctor if you feel unwell.*
P363	*Wash contaminated clothing before reuse.*
P308+P313	*IF exposed or concerned: Get medical advice/attention.*
P333+P313	*If skin irritation or rash occurs: Get medical advice/attention.*
P337+P313	*If eye irritation persists: Get medical advice/attention.*
P314	*Get medical advice/attention if you feel unwell.*
P370+P378	*In case of fire: Use for extinction: CO2, powder or water spray.*
P362+P364	*Take off contaminated clothing and wash it before reuse.*
P405	*Store locked up.*
P403+P233	*Store in a well-ventilated place. Keep container tightly closed.*
P403+P235	*Store in a well-ventilated place. Keep cool.*
P501	*Dispose of contents/container in accordance with local/regional/national/international regulations.*

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· **Classification system:**
· **NFPA ratings (scale 0 - 4)**

Health = 1
Fire = 3
Reactivity = 0

· **HMIS-ratings (scale 0 - 4)**

*Health = *1*
Fire = 3
Reactivity = 0

· **Other hazards**
· **Results of PBT and vPvB assessment**
· **PBT:** *Not applicable.*
· **vPvB:** *Not applicable.*

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3 Composition/information on ingredients

· **Chemical characterization: Mixtures**
· **Description:**
Mixture: consisting of the following components.
Weight percentages

· **Dangerous components:**		
108-88-3	toluene	30 - 40%
	Alkyd Resin	13 - 30%
763-69-9	ethyl 3-ethoxypropionate	7 - 10%
107-87-9	pentan-2-one	7 - 10%
7429-90-5	aluminium	7 - 10%
14807-96-6	Talc	1.5 - 5%
112926-00-8	precipitated Silica (Silica-Amorphous)	1.5 - 5%
64742-95-6	Solvent naphtha (petroleum), light arom.	1-1.5%
78-93-3	butanone	1-1.5%
8052-41-3	Stoddard solvent	1-1.5%
108-10-1	4-methylpentan-2-one	≤1%
8052-41-3	Stoddard solvent	≤1%
96-29-7	2-butanone oxime	≤1%

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4 First-aid measures

· **Description of first aid measures**
· **After inhalation:**
Supply fresh air and to be sure call for a doctor.
In case of unconsciousness place patient stably in side position for transportation.
· **After skin contact:** *Immediately wash with water and soap and rinse thoroughly.*
· **After eye contact:**
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

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· **After swallowing:** If symptoms persist consult doctor.
· **Information for doctor:**
· **Most important symptoms and effects, both acute and delayed** No further relevant information available.
· **Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

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5 Fire-fighting measures

· **Extinguishing media**
· **Suitable extinguishing agents:**
CO2, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
· **For safety reasons unsuitable extinguishing agents:** Water with full jet
· **Special hazards arising from the substance or mixture** No further relevant information available.
· **Advice for firefighters**
· **Protective equipment:** No special measures required.

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6 Accidental release measures

· **Personal precautions, protective equipment and emergency procedures**
Wear protective equipment. Keep unprotected persons away.
· **Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
· **Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Dispose contaminated material as waste according to item 13.
Ensure adequate ventilation.
· **Reference to other sections**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.
· **Protective Action Criteria for Chemicals**

· **PAC-1:**		
108-88-3	toluene	67 ppm
763-69-9	ethyl 3-ethoxypropionate	1.6 ppm
107-87-9	pentan-2-one	150 ppm
112926-00-8	precipitated Silica (Silica-Amorphous)	18 mg/m3
78-93-3	butanone	200 ppm
108-10-1	4-methylpentan-2-one	75 ppm
8052-41-3	Stoddard solvent	300 mg/m3
96-29-7	2-butanone oxime	30 ppm
123-86-4	n-butyl acetate	5 ppm
1333-86-4	Carbon black	9 mg/m3
111-76-2	2-butoxyethanol	60 ppm
1330-20-7	xylene	130 ppm
111-77-3	2-(2-methoxyethoxy)ethanol	3.4 ppm
107-98-2	1-methoxy-2-propanol	100 ppm
149-57-5	2-ethylhexanoic acid	15 mg/m3

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100-41-4	ethylbenzene	33 ppm
7447-41-8	lithium chloride	2.3 mg/m3

· **PAC-2:**

108-88-3	toluene	560 ppm
763-69-9	ethyl 3-ethoxypropionate	18 ppm
107-87-9	pentan-2-one	830 ppm
112926-00-8	precipitated Silica (Silica-Amorphous)	200 mg/m3
78-93-3	butanone	2700* ppm
108-10-1	4-methylpentan-2-one	500 ppm
8052-41-3	Stoddard solvent	1,800 mg/m3
96-29-7	2-butanone oxime	56 ppm
123-86-4	n-butyl acetate	200 ppm
1333-86-4	Carbon black	99 mg/m3
111-76-2	2-butoxyethanol	120 ppm
1330-20-7	xylene	920* ppm
111-77-3	2-(2-methoxyethoxy)ethanol	37 ppm
107-98-2	1-methoxy-2-propanol	160 ppm
149-57-5	2-ethylhexanoic acid	99 mg/m3
100-41-4	ethylbenzene	1100* ppm
7447-41-8	lithium chloride	25 mg/m3

· **PAC-3:**

108-88-3	toluene	3700* ppm
763-69-9	ethyl 3-ethoxypropionate	110 ppm
107-87-9	pentan-2-one	5000* ppm
112926-00-8	precipitated Silica (Silica-Amorphous)	1,200 mg/m3
78-93-3	butanone	4000* ppm
108-10-1	4-methylpentan-2-one	3000* ppm
8052-41-3	Stoddard solvent	29500** mg/m3
96-29-7	2-butanone oxime	250 ppm
123-86-4	n-butyl acetate	3000* ppm
1333-86-4	Carbon black	590 mg/m3
111-76-2	2-butoxyethanol	700 ppm
1330-20-7	xylene	2500* ppm
111-77-3	2-(2-methoxyethoxy)ethanol	220 ppm
107-98-2	1-methoxy-2-propanol	660 ppm
149-57-5	2-ethylhexanoic acid	590 mg/m3
100-41-4	ethylbenzene	1800* ppm
7447-41-8	lithium chloride	150 mg/m3

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7 Handling and storage

· **Handling:**
· **Precautions for safe handling**
No special measures required.
Ensure good ventilation/exhaustion at the workplace.
· **Information about protection against explosions and fires:**
Keep ignition sources away - Do not smoke.
Protect against electrostatic charges.

· **Conditions for safe storage, including any incompatibilities**
· **Storage:**
· **Requirements to be met by storerooms and receptacles:** Store in a cool location.
· **Information about storage in one common storage facility:** Not required.
· **Further information about storage conditions:**
Keep receptacle tightly sealed.
Store in cool, dry conditions in well sealed receptacles.
· **Specific end use(s)** No further relevant information available.

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8 Exposure controls/personal protection

· **Additional information about design of technical systems:** No further data; see item 7.

· **Control parameters**
· **Components with limit values that require monitoring at the workplace:**
The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit.
At this time, the other constituents have no known exposure limits.

108-88-3 toluene	
PEL	Long-term value: 200 ppm Ceiling limit value: 300; 500* ppm *10-min peak per 8-hr shift
REL	Short-term value: 560 mg/m³, 150 ppm Long-term value: 375 mg/m³, 100 ppm
TLV	Long-term value: 75 mg/m³, 20 ppm BEI
107-87-9 pentan-2-one	
PEL	Long-term value: 700 mg/m³, 200 ppm
REL	Long-term value: 530 mg/m³, 150 ppm
TLV	Short-term value: 529 mg/m³, 150 ppm
112926-00-8 precipitated Silica (Silica-Amorphous)	
PEL	20mppcf or 80mg/m3 /%SiO2
REL	Long-term value: 6 mg/m³ See Pocket Guide App. C
TLV	TLV withdrawn
78-93-3 butanone	
PEL	Long-term value: 590 mg/m³, 200 ppm

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REL	Short-term value: 885 mg/m³, 300 ppm Long-term value: 590 mg/m³, 200 ppm
TLV	Short-term value: 885 mg/m³, 300 ppm Long-term value: 590 mg/m³, 200 ppm BEI
8052-41-3 Stoddard solvent	
PEL	Long-term value: 2900 mg/m³, 500 ppm
REL	Long-term value: 350 mg/m³ Ceiling limit value: 1800* mg/m³ *15-min
TLV	Long-term value: 525 mg/m³, 100 ppm
108-10-1 4-methylpentan-2-one	
PEL	Long-term value: 410 mg/m³, 100 ppm
REL	Short-term value: 300 mg/m³, 75 ppm Long-term value: 205 mg/m³, 50 ppm
TLV	Short-term value: 307 mg/m³, 75 ppm Long-term value: 82 mg/m³, 20 ppm BEI
8052-41-3 Stoddard solvent	
PEL	Long-term value: 2900 mg/m³, 500 ppm
REL	Long-term value: 350 mg/m³ Ceiling limit value: 1800* mg/m³ *15-min
TLV	Long-term value: 525 mg/m³, 100 ppm
96-29-7 2-butanone oxime	
WEEL	Long-term value: 10 ppm DSEN

· **Ingredients with biological limit values:**

108-88-3 toluene	
BEI	0.02 mg/L Medium: blood Time: prior to last shift of workweek Parameter: Toluene 0.03 mg/L Medium: urine Time: end of shift Parameter: Toluene 0.3 mg/g creatinine Medium: urine Time: end of shift Parameter: o-Cresol with hydrolysis (background)
78-93-3 butanone	

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BEI	2 mg/L Medium: urine Time: end of shift Parameter: MEK
108-10-1 4-methylpentan-2-one	
BEI	1 mg/L Medium: urine Time: end of shift Parameter: MIBK

· **Additional information:** The lists that were valid during the creation were used as basis.

· **Exposure controls**
· **Personal protective equipment:**
· **General protective and hygienic measures:**
Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing.
Wash hands before breaks and at the end of work.
Store protective clothing separately.
Avoid contact with the eyes and skin.
· **Breathing equipment:**
In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.
· **Protection of hands:**
Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
· **Material of gloves**
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
· **Penetration time of glove material**
The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.
· **Eye protection:**

Tightly sealed goggles

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9 Physical and chemical properties

· **Information on basic physical and chemical properties**	
· **General Information**	
· **Appearance:**	
Form:	Liquid
Color:	According to product specification
· **Odor:**	Characteristic
· **Odor threshold:**	Not determined.
· **pH-value:**	Not determined.
· **Change in condition**	
Melting point/Melting range:	Undetermined.
Boiling point/Boiling range:	110 °C
· **Flash point:**	7 °C
· **Flammability (solid, gaseous):**	Not applicable.
· **Ignition temperature:**	400 °C
· **Decomposition temperature:**	Not determined.
· **Auto igniting:**	Product is not selfigniting.
· **Danger of explosion:**	In use, may form flammable/explosive vapour-air mixture.
· **Explosion limits:**	
Lower:	1.2 Vol %
Upper:	7.0 Vol %
· **Vapor pressure at 20 °C:**	29 hPa
· **Density at 20 °C:**	1.02327 g/cm³
· **Relative density**	Not determined.
· **Vapor density**	Not determined.
· **Evaporation rate**	Not determined.
· **Solubility in / Miscibility with**	
Water:	Not miscible or difficult to mix.
· **Partition coefficient (n-octanol/water):**	Not determined.
· **Viscosity:**	
Dynamic:	Not determined.
Kinematic:	Not determined.
· **Solvent content:**	
Organic solvents:	61.8 %
VOC content:	61.8 % 632.5 g/l / 5.28 lb/gl
Solids content:	39.0 %
· **Other information**	No further relevant information available.

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10 Stability and reactivity

· **Reactivity** No further relevant information available.

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· **Chemical stability**
· **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
· **Possibility of hazardous reactions** No dangerous reactions known.
· **Conditions to avoid** No further relevant information available.
· **Incompatible materials:** No further relevant information available.
· **Hazardous decomposition products:** No dangerous decomposition products known.

11 Toxicological information

· **Information on toxicological effects**
· **Acute toxicity:**

· **LD/LC50 values that are relevant for classification:**

108-88-3 toluene

Oral	LD50	5000 mg/kg (rat)
Dermal	LD50	12124 mg/kg (rabbit)
Inhalative	LC50/4 h	5320 mg/l (mouse)

· **Primary irritant effect:**
· **on the skin:** Irritant to skin and mucous membranes.
· **on the eye:** Irritating effect.
· **Sensitization:** Sensitization possible through skin contact.
· **Additional toxicological information:**
The product shows the following dangers according to internally approved calculation methods for preparations:
Irritant
The product can cause inheritable damage.

· **Carcinogenic categories**

· **IARC (International Agency for Research on Cancer)**

108-88-3	toluene	3
14807-96-6	Talc	3
108-10-1	4-methylpentan-2-one	2B
	BENTONITE	suspected carcinogen <2% 14808-60-7
1333-86-4	Carbon black	2B
111-76-2	2-butoxyethanol	3
1330-20-7	xylene	3
100-41-4	ethylbenzene	2B

· **NTP (National Toxicology Program)**

None of the ingredients is listed.

· **OSHA-Ca (Occupational Safety & Health Administration)**

None of the ingredients is listed.

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12 Ecological information

· **Toxicity**
· **Aquatic toxicity:** No further relevant information available.
· **Persistence and degradability** No further relevant information available.

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· **Behavior in environmental systems:**
· **Bioaccumulative potential** No further relevant information available.
· **Mobility in soil** No further relevant information available.
· **Additional ecological information:**
· **General notes:**
Water hazard class 2 (Self-assessment): hazardous for water
Do not allow product to reach ground water, water course or sewage system.
Danger to drinking water if even small quantities leak into the ground.
· **Results of PBT and vPvB assessment**
· **PBT:** Not applicable.
· **vPvB:** Not applicable.
· **Other adverse effects** No further relevant information available.

13 Disposal considerations

· **Waste treatment methods**
· **Recommendation:**
Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

· **Uncleaned packagings:**
· **Recommendation:** Disposal must be made according to official regulations.

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14 Transport information

· **UN-Number**	
· **DOT, ADR, IMDG, IATA**	UN1993
· **UN proper shipping name**	
· **DOT**	Flammable liquids, n.o.s. (toluene, Methyl propyl ketone)
· **ADR**	1993 Flammable liquids, n.o.s. (toluene, Methyl propyl ketone), special provision 640D
· **IMDG, IATA**	FLAMMABLE LIQUID, N.O.S. (toluene, METHYL PROPYL KETONE)
· **Transport hazard class(es)**	
· **DOT**	

· **Class**	3 Flammable liquids
· **Label**	3
· **ADR, IMDG, IATA**	

· **Class**	3 Flammable liquids
· **Label**	3

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· **Packing group**	
· **DOT, ADR, IMDG, IATA**	II
· **Environmental hazards:**	
· **Marine pollutant:**	No
· **Special precautions for user**	Warning: Flammable liquids
· **EMS Number:**	F-E,S-E
· **Stowage Category**	B
· **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**	Not applicable.
· **Transport/Additional information:**	
· **DOT**	
· **Quantity limitations**	On passenger aircraft/rail: 5 L On cargo aircraft only: 60 L
· **ADR**	
· **Excepted quantities (EQ)**	Code: E2 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 ml
· **IMDG**	
· **Limited quantities (LQ)**	1L
· **Excepted quantities (EQ)**	Code: E2 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 ml
· **UN "Model Regulation":**	UN 1993 FLAMMABLE LIQUIDS, N.O.S., SPECIAL PROVISION 640D (TOLUENE, METHYL PROPYL KETONE), 3, II

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15 Regulatory information

· **Safety, health and environmental regulations/legislation specific for the substance or mixture**
· **Sara**

· **Section 355 (extremely hazardous substances):**
None of the ingredient is listed.

· **Section 313 (Specific toxic chemical listings):**	
108-88-3	toluene
7429-90-5	aluminium
14807-96-6	Talc
78-93-3	butanone
108-10-1	4-methylpentan-2-one
	COBALT CARBOXYLATE
	Acrylic Resin
111-76-2	2-butoxyethanol
1330-20-7	xylene
111-77-3	2-(2-methoxyethoxy)ethanol

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100-41-4	ethylbenzene

· **TSCA (Toxic Substances Control Act):**

108-88-3	toluene
763-69-9	ethyl 3-ethoxypropionate
107-87-9	pentan-2-one
7429-90-5	aluminium
14807-96-6	Talc
78-93-3	butanone
108-10-1	4-methylpentan-2-one
8052-41-3	Stoddard solvent
96-29-7	2-butanone oxime
123-86-4	n-butyl acetate
64742-88-7	Solvent naphtha (petroleum), medium aliph.
1333-86-4	Carbon black
111-76-2	2-butoxyethanol
1330-20-7	xylene
111-77-3	2-(2-methoxyethoxy)ethanol
5567-15-7	Novaperm yellow HR02
107-98-2	1-methoxy-2-propanol
149-57-5	2-ethylhexanoic acid
100-41-4	ethylbenzene
7447-41-8	lithium chloride
61791-55-7	Amines, N-tallow alkyltrimethylenedi-

· **Proposition 65**

· **Chemicals known to cause cancer:**

108-10-1	4-methylpentan-2-one
1333-86-4	Carbon black
1330-20-7	xylene
100-41-4	ethylbenzene

· **Chemicals known to cause reproductive toxicity for females:**

None of the ingredients is listed.

· **Chemicals known to cause reproductive toxicity for males:**

None of the ingredients is listed.

· **Chemicals known to cause developmental toxicity:**

108-88-3	toluene
108-10-1	4-methylpentan-2-one

· **Cancerogenity categories**

· **EPA (Environmental Protection Agency)**

108-88-3	toluene	II
78-93-3	butanone	I
108-10-1	4-methylpentan-2-one	I

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111-76-2	2-butoxyethanol	NL
1330-20-7	xylene	I
100-41-4	ethylbenzene	D

· **TLV (Threshold Limit Value established by ACGIH)**

108-88-3	toluene	A4
7429-90-5	aluminium	A4
14807-96-6	Talc	A4
1333-86-4	Carbon black	A4
111-76-2	2-butoxyethanol	A3
1330-20-7	xylene	A4
100-41-4	ethylbenzene	A3

· **NIOSH-Ca (National Institute for Occupational Safety and Health)**

1333-86-4	Carbon black

· **GHS label elements** The product is classified and labeled according to the Globally Harmonized System (GHS).
· **Hazard pictograms**

GHS02 GHS07 GHS08

· **Signal word** Danger

· **Hazard-determining components of labeling:**
toluene
Stoddard solvent
Alkyd Resin
Stoddard solvent
2-butanone oxime
· **Hazard statements**
H225 Highly flammable liquid and vapor.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H317 May cause an allergic skin reaction.
H340 May cause genetic defects.
H350 May cause cancer.
H361 Suspected of damaging fertility or the unborn child.
H335-H336 May cause respiratory irritation. May cause drowsiness or dizziness.
H372-H373 Causes damage to organs through prolonged or repeated exposure. May cause damage to the central nervous system through prolonged or repeated exposure.
· **Precautionary statements**
P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.
P241 Use explosion-proof electrical/ventilating/lighting/equipment.
P260 Do not breathe dust/fume/gas/mist/vapors/spray.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P240 Ground/bond container and receiving equipment.
P242 Use only non-sparking tools.
P243 Take precautionary measures against static discharge.
P264 Wash thoroughly after handling.

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P270	Do not eat, drink or smoke when using this product.
P271	Use only outdoors or in a well-ventilated area.
P272	Contaminated work clothing must not be allowed out of the workplace.
P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P303+P361+P353	If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower.
P305+P351+P338	If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P321	Specific treatment (see on this label).
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P312	Call a POISON CENTER/doctor if you feel unwell.
P363	Wash contaminated clothing before reuse.
P308+P313	IF exposed or concerned: Get medical advice/attention.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P337+P313	If eye irritation persists: Get medical advice/attention.
P314	Get medical advice/attention if you feel unwell.
P370+P378	In case of fire: Use for extinction: CO2, powder or water spray.
P362+P364	Take off contaminated clothing and wash it before reuse.
P405	Store locked up.
P403+P233	Store in a well-ventilated place. Keep container tightly closed.
P403+P235	Store in a well-ventilated place. Keep cool.
P501	Dispose of contents/container in accordance with local/regional/national/international regulations.

· **National regulations:**
· **Additional classification according to Decree on Hazardous Materials:**
Carcinogenic hazardous material group III (dangerous).

· **Information about limitation of use:**
Workers are not allowed to be exposed to the hazardous carcinogenic materials contained in this preparation. Exceptions can be made by the authorities in certain cases.
· **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Department issuing SDS:** Environment protection department.
Date of preparation / last revision 04/11/2017 / 4
· **Abbreviations and acronyms:**
ICAO: International Civil Aviation Organisation
RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)
ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods
DOT: US Department of Transportation
IATA: International Air Transport Association
ACGIH: American Conference of Governmental Industrial Hygienists
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
NFPA: National Fire Protection Association (USA)

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DO THE JOB RIGHT.

Printing date 04/11/2017 *Reviewed on 04/11/2017*

Trade name: Eastwood EW10048ZP Aluma Blast

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HMIS: Hazardous Materials Identification System (USA)
VOC: Volatile Organic Compounds (USA, EU)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative
NIOSH: National Institute for Occupational Safety
OSHA: Occupational Safety & Health
TLV: Threshold Limit Value
PEL: Permissible Exposure Limit
REL: Recommended Exposure Limit
BEI: Biological Exposure Limit
Flam. Liq. 2: Flammable liquids – Category 2
Skin Irrit. 2: Skin corrosion/irritation – Category 2
Eye Irrit. 2A: Serious eye damage/eye irritation – Category 2A
Skin Sens. 1: Skin sensitisation – Category 1
Muta. 1B: Germ cell mutagenicity – Category 1B
Carc. 1B: Carcinogenicity – Category 1B
Repr. 2: Reproductive toxicity – Category 2
STOT SE 3: Specific target organ toxicity (single exposure) – Category 3
STOT RE 1: Specific target organ toxicity (repeated exposure) – Category 1

· **** Data compared to the previous version altered.***