

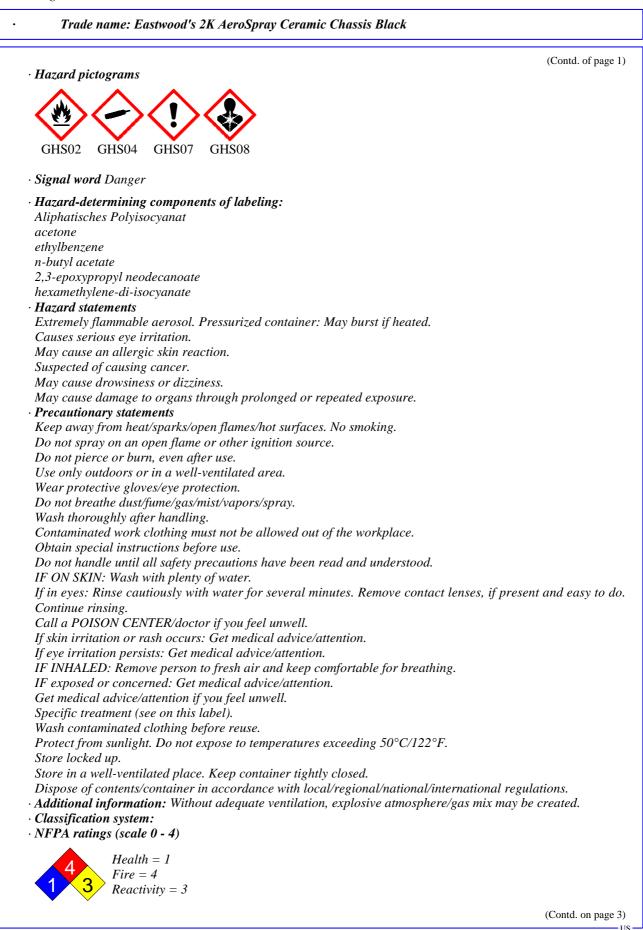
Page 1/13

# Safety Data Sheet acc. to OSHA HCS

		acc. to OSHA HO	CS
Printing date 04/22	7/2017		Reviewed on 04/27/20
1 I Jon t'f' ont's			
1 Identificatio	n		
· Product identi	fier		
· Trade name: I	Eastwood's	2K AeroSpray Ceramic Chassis I	Black
· Article numbe	r (product l	<b>D.):</b> 14146Z	
• Application of FOR PROFES		<b>ace / the mixture</b> Paintwork SE ONLY	
Details of the s Manufacturer, Eastwood Com 263 Shoemaker, Pottstown, PA 1-800-343-935 www.eastwood	/ <b>Supplier:</b> apany r Road 19464 3	he safety data sheet	
2 Hazard(s) id		nber: Tel.: 800-424-9300 ChemTre	
		ance or mixture	
Ju /	$\mathbf{\hat{\mathbf{A}}}$		
	GHS	02 GHS04 Flame, Gas cylinder	
Flam. Aerosol	1 H222-H2	229 Extremely flammable aerosol.	Pressurized container: May burst if heated.
GH!	S08 Health	hazard	
Carc. 2	H351	Suspected of causing cancer.	
STOT RE 2	H373		hrough prolonged or repeated exposure.
GH	S07		
Eye Irrit. 2A	H319	Causes serious eye irritation.	
Skin Sens. 1	H317	May cause an allergic skin rea	ction.
STOT SE 3	H336	May cause drowsiness or dizzi	iess.
• Label element • GHS label element The product is	ments	nd labeled according to the Global	lv Harmonized System (GHS).
	5	0	(Contd. on pag

Printing date 04/27/2017

Reviewed on 04/27/2017



Printing date 04/27/2017

Reviewed on 04/27/2017



(Contd. of page 2)

· HMIS-ratings (scale 0 - 4)



· Other hazards

· Results of PBT and vPvB assessment

- · PBT: Not applicable.
- · vPvB: Not applicable.

### **3** Composition/information on ingredients

· Chemical characterization: Mixtures

• Description: Mixture of the substances listed below with nonhazardous additions.

• Dangerous components:		
CAS: 115-10-6 Reg.nr.: 01-2119472128-37-xxxx	dimethyl ether	25-<50%
CAS: 67-64-1 Reg.nr.: 01-2119471330-49-xxxx	acetone	10-<25%
CAS: 123-86-4	n-butyl acetate	10-<25%
CAS: 28182-81-2	Aliphatisches Polyisocyanat	2.5-<5%
CAS: 108-65-6 Reg.nr.: 01-2119475791-29-xxxx	2-methoxy-1-methylethyl acetate	2.5-<5%
CAS: 64742-95-6	Solvent naphtha (petroleum), light arom. benzene $< 0,1$ %	2.5-<5%
CAS: 1330-20-7 Reg.nr.: 01-2119488216-32-xxxx	xylene	1-<2.5%
CAS: 100-41-4	ethylbenzene	<1%
CAS: 26761-45-5	2,3-epoxypropyl neodecanoate	<1%
• Additional information: For the	wording of the listed hazard phrases refer to section 16.	

Additional information: For the wording of the listed hazard phrases refer to section 16.

## 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.
- · 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.

## **5** Fire-fighting measures

- · Extinguishing media -
- · Suitable extinguishing agents: Cool container with water.
- · For safety reasons unsuitable extinguishing agents: Water with full jet

(Contd. on page 4)

US

Printing date 04/27/2017

Reviewed on 04/27/2017

Trade name: Eastwood's 2K AeroSpray Ceramic Chassis Black

(Contd. of page 3)

### • Special hazards arising from the substance or mixture Can form explosive gas-air mixtures.

· Advice for firefighters

· Protective equipment: Mouth respiratory protective device.

## 6 Accidental release measures

- Personal precautions, protective equipment and emergency procedures Wear protective equipment. Keep unprotected persons away.
- · Environmental precautions:
- Do not allow product to reach sewage system or any water course. Inform respective authorities in case of seepage into water course or sewage system.

Do not allow to enter sewers/ surface or ground water.

• Methods and material for containment and cleaning up:

Ensure adequate ventilation.

- Do not flush with water or aqueous cleansing agents
- **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

115-10-6	dimethyl ether	3,000 ppn
67-64-1	acetone	200 ppm
123-86-4	n-butyl acetate	5 ppm
108-65-6	2-methoxy-1-methylethyl acetate	50 ppm
1330-20-7	xylene	130 ppm
100-41-4	ethylbenzene	33 ppm
822-06-0	hexamethylene-di-isocyanate	0.018 ppn
PAC-2:		· ·
115-10-6	dimethyl ether	3800* ppn
67-64-1	acetone	3200* ppr
123-86-4	n-butyl acetate	200 ppm
108-65-6	2-methoxy-1-methylethyl acetate	1,000 ppm
1330-20-7	xylene	920* ppm
100-41-4	ethylbenzene	1100* ppr
822-06-0	hexamethylene-di-isocyanate	0.2 ppm
PAC-3:		
115-10-6	dimethyl ether	7200* ppr
67-64-1	acetone	5700* ppr
123-86-4	n-butyl acetate	3000* ppr
108-65-6	2-methoxy-1-methylethyl acetate	5000* ppr
1330-20-7	xylene	2500* ppr
100-41-4	ethylbenzene	1800* ppr
822-06-0	hexamethylene-di-isocyanate	3 ppm

(Contd. on page 5)

Printing date 04/27/2017

#### Trade name: Eastwood's 2K AeroSpray Ceramic Chassis Black

(Contd. of page 4)

US

### 7 Handling and storage

#### · Handling:

- Precautions for safe handling Keep away from heat and direct sunlight. Ensure good ventilation/exhaustion at the workplace. Take note of emission threshold. Use only in well ventilated areas. Ensure good interior ventilation, especially at floor level. (Fumes are heavier than air).
- Information about protection against explosions and fires: Do not spray on a naked flame or any incandescent material. Keep ignition sources away - Do not smoke. Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C, i.e. electric lights. Do not pierce or burn, even after use.

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

- · Storage:
- **Requirements to be met by storerooms and receptacles:** Store in a cool location. Observe official regulations on storing packagings with pressurized containers.
- · Information about storage in one common storage facility: Not required.
- Further information about storage conditions: Protect from heat and direct sunlight.
- Specific end use(s) No further relevant information available.

### 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.

115-1	0-6 dimethyl ether
WEEI	Long-term value: 1000 ppm
67-64	1 acetone
PEL	Long-term value: 2400 mg/m <sup>3</sup> , 1000 ppm
REL	Long-term value: 590 mg/m <sup>3</sup> , 250 ppm
TLV	Short-term value: 1187 mg/m³, 500 ppm Long-term value: 594 mg/m³, 250 ppm BEI
123-8	6-4 n-butyl acetate
PEL	Long-term value: 710 mg/m <sup>3</sup> , 150 ppm
REL	Short-term value: 950 mg/m³, 200 ppm Long-term value: 710 mg/m³, 150 ppm
TLV	Short-term value: 712 mg/m³, 150 ppm Long-term value: 238 mg/m³, 50 ppm
108-6	5-6 2-methoxy-1-methylethyl acetate
WEEI	Long-term value: 50 ppm
1330-	20-7 xylene
PEL	Long-term value: 435 mg/m <sup>3</sup> , 100 ppm
	(Contd. on page 6

Reviewed on 04/27/2017

1	Frade name: Eastwood's 2K AeroSpray Ceramic Chassis Black
	(Contd. of page
REL	Short-term value: 655 mg/m³, 150 ppm Long-term value: 435 mg/m³, 100 ppm
TLV	Short-term value: 651 mg/m <sup>3</sup> , 150 ppm Long-term value: 434 mg/m <sup>3</sup> , 100 ppm BEI
100-4	1-4 ethylbenzene
PEL	Long-term value: 435 mg/m <sup>3</sup> , 100 ppm
REL	Short-term value: 545 mg/m <sup>3</sup> , 125 ppm Long-term value: 435 mg/m <sup>3</sup> , 100 ppm
TLV	Long-term value: 87 mg/m³, 20 ppm BEI
Ingre	dients with biological limit values:
67-64	-1 acetone
1 1	50 mg/L Medium: urine Fime: end of shift Parameter: Acetone (nonspecific)
1330-	20-7 xylene
1 1 1	I.5 g/g creatinine Medium: urine Fime: end of shift Parameter: Methylhippuric acids
100-4	1-4 ethylbenzene
1 1	0.7 g/g creatinine Medium: urine Fime: end of shift at end of workweek Parameter: Sum of mandelic acid and phenylglyoxylic acid (nonspecific, semi-quantitative)
1	Medium: end-exhaled air
	Time: not critical
	Parameter: Ethyl benzene (semi-quantitative)
Addit	ional information: The lists that were valid during the creation were used as basis.
Perso Gener Keep Imme Wash Do no Avoid Avoid Breat When respin	sure controls nal protective equipment: ral protective and hygienic measures: away from foodstuffs, beverages and feed. diately remove all soiled and contaminated clothing. hands before breaks and at the end of work. of inhale gases / fumes / aerosols. contact with the eyes. contact with the eyes and skin. hing equipment: workers are facing concentrations above the exposure limit they must use appropriate certificators. Half mask with combination filter, class A1P2 minimum, or breathing mask with outer air supportion of hands:
1415	Protective gloves
The g	love material has to be impermeable and resistant to the product/ the substance/ the preparation. (Contd. on page

Reviewed on 04/27/2017

Trade name: Eastwood's 2K AeroSpray Ceramic Chassis Black

(Contd. of page 6)

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

- · Material of gloves Nitrile rubber, NBR
- **Penetration time of glove material** Gloves must be changed after every contamination. The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.
- · For the permanent contact of a maximum of 15 minutes gloves made of the following materials are suitable:

butyl rubber, 0,7mm · Eye protection:



Tightly sealed goggles

# 9 Physical and chemical properties

Appearance: Form:	Aerosol
Form: Color:	Aerosol 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:	Not applicable, as aerosol.
Flash point:	<0 °C (<32 °F)
-	without propellants
Flammability (solid, gaseous):	Not applicable.
Ignition temperature:	235 °C (455 °F)
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:	18.6 Vol %
Vapor pressure at 20 $^{\circ}C$ (68 $^{\circ}F$ ):	3400 hPa (2550 mm Hg)
Density:	Not determined.
Relative density	Not determined.
Vapor density	Not determined.
Evaporation rate	Not applicable.
Solubility in / Miscibility with	
Water:	Not miscible or difficult to mix.

Reviewed on 04/27/2017

	(Contd. of p	page
Viscosity:		
Dynamic:	Not determined.	
Kinematic:	Not determined.	
Solvent content:		
Organic solvents:	79.4 %	
-	with propellants. Percentage by weight	
VOC(EU)	79.42 %	
Solids content:	20.6 %	
• Other information	No further relevant information available.	

## **10 Stability and reactivity**

· Reactivity No further relevant information available.

- · Chemical stability
- Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.
- · Possibility of hazardous reactions Reacts with acids, alkalis and oxidizing agents.
- $\cdot$  Conditions to avoid No further relevant information available.
- $\cdot \textit{Incompatible materials: } No further relevant information available.$
- · Hazardous decomposition products: Possible in traces.

### **11 Toxicological information**

· Information on toxicological effects

#### • Acute toxicity:

· LD/LC50 values that are relevant for classification:

64742-95-6 Solvent naphtha (petroleum), light arom. benzene < 0,1 %

Oral	LD50	>6800 mg/kg (rat)
Dermal	LD50	>3400 mg/kg (rab)
Inhalative	LC50/4 h	>10.2 mg/l (rat)

#### · 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

#### · Carcinogenic categories

· IARC (Inte	ernational Agency for Research on Cancer)	
1330-20-7	xylene	3
100-41-4	ethylbenzene	2B
· NTP (Natio	onal Toxicology Program)	
None of the	e ingredients is listed.	
· OSHA-Ca	(Occupational Safety & Health Administration)	
None of the	e ingredients is listed.	
		US

(Contd. on page 9)

Printing date 04/27/2017

•

\*

Reviewed on 04/27/2017

## Trade name: Eastwood's 2K AeroSpray Ceramic Chassis Black

(Contd. of page 8)

<i>Toxicit</i>	,
Aquatio	e toxicity:
64742-	95-6 Solvent naphtha (petroleum), light arom. benzene < 0,1 %
EC50 .	19 mg/l (Pseudokirchneriella subcapitata) (OECD-PrüfRL 201 96h)
(	5.14 mg/l (daphnia) (48h)
Persiste	nce and degradability No further relevant information available.
	or in environmental systems:
	umulative potential No further relevant information available.
	y in soil No further relevant information available.
	ical effects:
	x: Harmful to fish
	nal ecological information:
Genera	
Water <i>V</i>	azard class 2 (Self-assessment): hazardous for water
	allow product to reach ground water, water course or sewage system.
	to drinking water if even small quantities leak into the ground.
	l to aquatic organisms
	of PBT and vPvB assessment
	ot applicable.
	Not applicable.
	dverse effects No further relevant information available.

· 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.

UN-Number		
DOT, ADR, IMDG, IATA	UN1950	
UN proper shipping name		
DOT	Aerosols, flammable	
ADR	1950 Aerosols	
IMDG	AEROSOLS	
IATA	AEROSOLS, flammable	
Transport hazard class(es)		
DOT		
201		
PLANMABLE CAS		
2		
•		
- Class	2.1	

Printing date 04/27/2017

Reviewed on 04/27/2017

Trade name: Eastwood's 2K Aero	Spray Columne Chussis Duich
	(Contd. of page
Label	2.1
ADR	
2	
Class	2 5F Gases
Label	2.1
IMDG, IATA	
V	
Class	2.1
Label	2.1
Packing group	¥7-:1
DOT ADR, IMDG, IATA	Void Void
ADR, IMDO, IATA	not classified
Environmental hazards:	
Marine pollutant:	No
Special precautions for user	Warning: Gases
Danger code (Kemler):	-
EMS Number:	not classified F-D,S-U
EMS Number: Stowage Code	SWI Protected from sources of heat.
	SW22 For AEROSOLS with a maximum capacity of 1 litre
	Category A. For AEROSOLS with a capacity above 1 litre
	Category B. For WASTE AEROSOLS: Category C, Clear of
	living quarters.
Segregation Code	SG69 For AEROSOLS with a maximum capacity of 1 litre
	Segregation as for class 9. Stow "separated from" class 1 excep for division 1.4. For AEROSOLS with a capacity above 1 litre
	Segregation as for the appropriate subdivision of class 2. Fo
	WASTE AEROSOLS: Segregation as for the appropriat
	subdivision of class 2.
Transport in bulk according to Annex	
MARPOL73/78 and the IBC Code	Not applicable.
Transport/Additional information:	
ADR	$C_{2} \downarrow_{2} \Sigma_{0}$
Excepted quantities (EQ)	Code: E0 Not permitted as Excepted Quantity
	Not permitted as Excepted Quantity
IMDG Limited quantities (LQ)	1L
Excepted quantities (EQ)	1L Code: E0
( <u>L</u> <u>U</u> )	Not permitted as Excepted Quantity
UN ''Model Regulation'':	UN 1950 AEROSOLS, 2.1

(Contd. on page 11)

Printing date 04/27/2017

•

\*

Reviewed on 04/27/2017

Trade name: Eastwood's 2K AeroSpray Ceramic Chassis Black

(Contd. of page 10)

# **15 Regulatory information**

Section 355 (extremely hazardous substances):	
None of the ingredient is listed.	
Section 313 (Specific toxic chemical listings):	
108-65-6 2-methoxy-1-methylethyl acetate	
1330-20-7 xylene	
100-41-4 ethylbenzene	
822-06-0 hexamethylene-di-isocyanate	
TSCA (Toxic Substances Control Act):	
115-10-6 dimethyl ether	
67-64-1 acetone	
123-86-4 n-butyl acetate	
108-65-6 2-methoxy-1-methylethyl acetate	
1330-20-7 xylene	
100-41-4 ethylbenzene	
26761-45-5 2,3-epoxypropyl neodecanoate	
822-06-0 hexamethylene-di-isocyanate	
Proposition 65	
Chemicals known to cause cancer:	
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:	
None of the ingredients is listed.	
Cancerogenity categories	
EPA (Environmental Protection Agency)	
67-64-1 acetone	
1330-20-7 xylene	
100-41-4 ethylbenzene	
TLV (Threshold Limit Value established by ACGIH)	
67-64-1 acetone	
1330-20-7 xylene	
112-07-2 2-butoxyethyl acetate	· · · · · · · · · · · · · · · · · · ·
100-41-4 ethylbenzene	

100-41-4 ethylbenzene

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

None of the ingredients is listed.

(Contd. on page 12)

3A

Reviewed on 04/27/2017



(Contd. on page 13)

Reviewed on 04/27/2017

#### Trade name: Eastwood's 2K AeroSpray Ceramic Chassis Black

(Contd. of page 12)

### **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: Product safety department

· Date of preparation / last revision 04/27/2017 / -

· Abbreviations and acronyms: RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail) ICAO: International Civil Aviation Organisation 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) HMIS: Hazardous Materials Identification System (USA) 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. Aerosol 1: Aerosols - Category 1 Eye Irrit. 2A: Serious eye damage/eye irritation - Category 2A Skin Sens. 1: Skin sensitisation - Category 1 Carc. 2: Carcinogenicity – Category 2 STOT SE 3: Specific target organ toxicity (single exposure) – Category 3 STOT RE 2: Specific target organ toxicity (repeated exposure) - Category 2 • \* Data compared to the previous version altered.