

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



Commercial Product Name: ALEXSEAL P1352-Cor Spec Primer 135 Base  
Quality No.: 1538261963000

Revision Date 24.09.2020  
Print Date 24.09.2020  
Version 5

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1 Product identifier

Trade name : ALEXSEAL P1352-Cor Spec Primer 135 Base 6196 Yellow Green matt

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

Use of the Substance/Mixture : Industrial use of primers and specialty coatings for the purpose of corrosion protection in the construction of aerospace and aeronautical parts

### 1.3 Details of the supplier of the safety data sheet

Producer : Mankiewicz Gebr. & Co. (GmbH & Co. KG)  
Georg-Wilhelm-Strasse 189  
21107 Hamburg  
Germany

Telephone : +49 (0) 40 75103 0  
Telefax : +49 (0) 40 75103 375  
E-mail address of person responsible for the SDS : sdb\_info@umco.de

### 1.4 Emergency telephone number

Emergency telephone number : +49 (0) 551 / 19240 (Toxic agent information centre North / NORD)

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

#### Classification (REGULATION (EC) No 1272/2008)

Flammable liquids, Category 3	H226: Flammable liquid and vapour.
Acute toxicity, Category 4	H302: Harmful if swallowed.
Acute toxicity, Category 2	H330: Fatal if inhaled.
Skin irritation, Category 2	H315: Causes skin irritation.
Eye irritation, Category 2	H319: Causes serious eye irritation.
Respiratory sensitisation, Category 1	H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled.
Skin sensitisation, Category 1	H317: May cause an allergic skin reaction.
Germ cell mutagenicity, Category 1B	H340: May cause genetic defects.



# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



Commercial Product Name: ALEXSEAL P1352-Cor Spec Primer 135  
Base  
Quality No.: 1538261963000

Revision Date 24.09.2020  
Print Date 24.09.2020  
Version 5

Carcinogenicity, Category 1A	H350: May cause cancer.
Reproductive toxicity, Category 2	H361: Suspected of damaging fertility or the unborn child.
Specific target organ toxicity - single exposure, Category 3, Central nervous system	H336: May cause drowsiness or dizziness.
Specific target organ toxicity - single exposure, Category 3, Respiratory system	H335: May cause respiratory irritation.
Specific target organ toxicity - repeated exposure, Category 2	H373: May cause damage to organs through prolonged or repeated exposure.
Long-term (chronic) aquatic hazard, Category 2	H411: Toxic to aquatic life with long lasting effects.

## 2.2 Label elements

### Labelling (REGULATION (EC) No 1272/2008)

Hazard pictograms :



Signal word : Danger

Hazard statements :

- H226 Flammable liquid and vapour.
- H302 Harmful if swallowed.
- H315 Causes skin irritation.
- H317 May cause an allergic skin reaction.
- H319 Causes serious eye irritation.
- H330 Fatal if inhaled.
- H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.
- H335 May cause respiratory irritation.
- H336 May cause drowsiness or dizziness.
- H340 May cause genetic defects.
- H350 May cause cancer.
- H361 Suspected of damaging fertility or the unborn child.
- H373 May cause damage to organs through prolonged or repeated exposure.
- H411 Toxic to aquatic life with long lasting effects.

Precautionary statements : **Prevention:**

- P201 Obtain special instructions before use.
- P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- P260 Do not breathe dust/ fume/ gas/ mist/ vapours/ spray.
- P273 Avoid release to the environment.
- P280 Wear protective gloves/ protective clothing/ eye protection/ face protection/ hearing protection.



# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



Commercial Product Name: ALEXSEAL P1352-Cor Spec Primer 135  
Base  
Quality No.: 1538261963000

Revision Date 24.09.2020  
Print Date 24.09.2020  
Version 5

## Response:

P304 + P340 + P310 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER/ doctor.

P308 + P313 IF exposed or concerned: Get medical advice/ attention.

P370 + P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish.

P391 Collect spillage.

## Storage:

P403 + P233 Store in a well-ventilated place. Keep container tightly closed.

## Hazardous components which must be listed on the label:

1-methoxy-2-propanol

reaction product: bisphenol-A-(epichlorhydrin); epoxy resin (number average molecular weight  $\leq 700$ )

xylene

strontium chromate

2-butoxyethanol

Hydrocarbons, C9, aromatics

barium salts

Solvent naphtha (petroleum), heavy arom.; Kerosine — unspecified

n-butyl acetate

4-hydroxy-4-methylpentan-2-one

butan-1-ol

## Additional Labelling

Restricted to professional users.

## 2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Strontium chromate was registered with a classification of Carc. 1A, the harmonized classification in Annex VI however is Carc. 1B. Changing a harmonized classification through registration is formally not permissible. In order for such amendments to be made, a request must be submitted to ECHA, following a clearly defined process (Regulation (EC) No 1272/2008, Annex VI, part 2), and the amendment is then made following the correct adaptations to technical progress.

Therefore, the classification for strontium chromate as Carc. 1B shall remain in place.

This classification question does not affect the labelling.

The product should however be treated as Carc. 1A since the experimental data supports this classification.

If the condition of the product is changed during further processing (e.g. by sanding), dust or vapours may be generated. Suitable protective measures must be taken against the hazards they pose.

## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

Chemical nature : Mixture of synthetic resins, organic solvents and pigments

Mankiewicz Gebr. & Co. (GmbH & Co. KG) Georg-Wilhelm-Straße 189 21107 Hamburg (Wilhelmsburg) Tel.: +49 (0) 40 / 75 10 30 Fax: +49 (0) 40 / 75 10 33 75 www.mankiewicz.de	Bank Name Deutsche Bank HypoVereinsbank Postbank	Ort Hamburg Hamburg Hamburg	Kto.-Nr. 600227300 59273300 373205	BLZ 200 700 00 200 300 00 200 100 20	BIC DEUTDE33 HYVEDE33 PNKDEFF200	IBAN DE58 2007 0000 0600 2273 00 DE34 2003 0000 0059 2733 00 DE85 2001 0020 0000 3732 05	Sitz/Registergericht Hamburg: HRA 42442 Persönlich haftende Gesellschafterin: Grau Gebr. Beteiligungs-GmbH Sitz/Registergericht Hamburg: HRB 17189 Geschäftsführender Gesellschafter: Michael O. Grau	Bureau Veritas Certification: ISO 9001, TS 16949, EN 9100	
---	---	--------------------------------------	---	---	---	---	--	---	--

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



Commercial Product Name: ALEXSEAL P1352-Cor Spec Primer 135  
Base  
Quality No.: 1538261963000

Revision Date 24.09.2020  
Print Date 24.09.2020  
Version 5

## Components

Chemical name	CAS-No. EC-No. Index-No. Registration number	Classification	Concentration (% w/w)
1-methoxy-2-propanol	107-98-2 203-539-1 603-064-00-3 01-2119457435-35	Flam. Liq. 3; H226 STOT SE 3; H336 (Central nervous system)	>= 12.5 - < 20
reaction product: bisphenol-A- (epichlorhydrin); epoxy resin (number average molecular weight ≤ 700)	25068-38-6 500-033-5 603-074-00-8	Skin Irrit. 2; H315 Eye Irrit. 2; H319 Skin Sens. 1; H317	>= 12.5 - < 20
xylene	1330-20-7 215-535-7 601-022-00-9 01-2119488216-32	Flam. Liq. 3; H226 Acute Tox. 4; H332 Acute Tox. 4; H312 Skin Irrit. 2; H315 Eye Irrit. 2; H319 STOT SE 3; H335 (Respiratory system) STOT RE 2; H373 Asp. Tox. 1; H304 Aquatic Chronic 3; H412	>= 10 - < 12.5
strontium chromate	7789-06-2 232-142-6 024-009-00-4 01-2119548391-39	Acute Tox. 4; H302 Acute Tox. 2; H330 Skin Sens. 1; H317 Muta. 2; H341 Carc. 1A; H350 Repr. 2; H361 STOT SE 3; H335 (Respiratory system) Aquatic Acute 1; H400 Aquatic Chronic 1; H410  M-Factor (Chronic aquatic toxicity): 1	>= 5 - < 12.5
2-butoxyethanol	111-76-2 203-905-0 603-014-00-0 01-2119475108-36	Acute Tox. 4; H302 Acute Tox. 4; H332 Acute Tox. 4; H312 Skin Irrit. 2; H315 Eye Irrit. 2; H319	>= 1 - < 5
Hydrocarbons, C9, aromatics	64742-95-6 918-668-5 01-2119455851-35	Flam. Liq. 3; H226 STOT SE 3; H336 (Central nervous system) STOT SE 3; H335 (Respiratory system) Asp. Tox. 1; H304 Aquatic Chronic 2;	>= 2.5 - < 5



# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



Commercial Product Name: ALEXSEAL P1352-Cor Spec Primer 135  
Base  
Quality No.: 1538261963000

Revision Date 24.09.2020  
Print Date 24.09.2020  
Version 5

barium salts	10294-40-3 233-660-5 056-002-00-7 01-2120769889-24	H411 Acute Tox. 3; H301 Acute Tox. 2; H330 Acute Tox. 3; H311 Resp. Sens. 1; H334 Skin Sens. 1; H317 Muta. 1B; H340 Carc. 1A; H350 Repr. 2; H361 STOT RE 1; H372 (Kidney, Respiratory system) Aquatic Acute 1; H400 Aquatic Chronic 1; H410	>= 3 - < 5
Solvent naphtha (petroleum), heavy arom.; Kerosine — unspecified	64742-94-5 265-198-5 649-424-00-3 01-2119463583-34	STOT SE 3; H336 (Central nervous system) Asp. Tox. 1; H304 Aquatic Chronic 2; H411	>= 2.5 - < 5
n-butyl acetate	123-86-4 204-658-1 607-025-00-1 01-2119485493-29	Flam. Liq. 3; H226 STOT SE 3; H336 (Central nervous system)	>= 1 - < 5
4-hydroxy-4-methylpentan-2-one	123-42-2 204-626-7 603-016-00-1 01-2119473975-21	Eye Irrit. 2; H319 Repr. 2; H361d STOT SE 3; H335 (Respiratory system)	>= 1 - < 3
butan-1-ol	71-36-3 200-751-6 603-004-00-6 01-2119484630-38	Flam. Liq. 3; H226 Acute Tox. 4; H302 Skin Irrit. 2; H315 Eye Dam. 1; H318 STOT SE 3; H335, H336 (Respiratory system, Central nervous system)	>= 1 - < 3

For explanation of abbreviations see section 16.

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

General advice : In all cases of doubt, or when sickness symptoms persist, seek medical attention.  
Never give anything by mouth to an unconscious person.

If inhaled : Remove to fresh air, keep patient warm and at rest.  
Irregular breathing/no breathing: artificial respiration.  
If unconscious place in recovery position and seek medical advice.



# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



Commercial Product Name: ALEXSEAL P1352-Cor Spec Primer 135  
Base  
Quality No.: 1538261963000

Revision Date 24.09.2020  
Print Date 24.09.2020  
Version 5

- In case of skin contact : Take off all contaminated clothing immediately.  
Wash skin thoroughly with soap and water or use recognised skin cleanser.  
Do NOT use solvents or thinners !
- In case of eye contact : Remove contact lenses, irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart and seek medical advice.
- If swallowed : Do NOT induce vomiting.  
If accidentally swallowed obtain immediate medical attention.  
Never give anything by mouth to an unconscious person.  
Keep at rest.

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

- Risks : Harmful if swallowed.  
Causes skin irritation.  
May cause an allergic skin reaction.  
Causes serious eye irritation.  
Fatal if inhaled.  
May cause allergy or asthma symptoms or breathing difficulties if inhaled.  
May cause respiratory irritation.  
May cause drowsiness or dizziness.  
May cause genetic defects.  
May cause cancer.  
Suspected of damaging fertility or the unborn child.  
May cause damage to organs through prolonged or repeated exposure.

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

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

- Suitable extinguishing media : Alcohol resistant foam, CO2, powders
- Unsuitable extinguishing media : High volume water jet

### 5.2 Special hazards arising from the substance or mixture

- Specific hazards during fire-fighting : Fire will produce dense black smoke. Exposure to decomposition products may cause a health hazard.

### 5.3 Advice for firefighters

- Special protective equipment : Wear self-contained breathing apparatus for firefighting if necessary.
- Further information : Cool endangered containers with water in case of fire.  
**DO NOT ALLOW RUN-OFF FROM FIRE FIGHTING TO ENTER DRAINS OR WATER COURSES!!**



# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



Commercial Product Name: ALEXSEAL P1352-Cor Spec Primer 135  
Base  
Quality No.: 1538261963000

Revision Date 24.09.2020  
Print Date 24.09.2020  
Version 5

## SECTION 6: Accidental release measures

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

Personal precautions : Exclude sources of ignition and ventilate the area.  
Do not inhale vapours.  
Refer to protective measures listed in sections 7 and 8.

### 6.2 Environmental precautions

Environmental precautions : Do not let product enter drains.  
If the product contaminates lakes, rivers or sewage, inform appropriate authorities in accordance with local regulations.

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

Methods for cleaning up : Contain and collect spillage with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in container for disposal according to local regulations (see chapter 13).  
Clean preferably with a detergent; avoid use of solvents.

### 6.4 Reference to other sections

For personal protection see section 8.

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

Advice on safe handling : Prevent the creation of flammable or explosive concentrations of vapour in air and avoid vapour concentrations higher than the occupational exposure limits.  
Comply with the health and safety at work laws.  
Smoking, eating and drinking should be prohibited in the application area.  
Observe specific national regulations for handling and use of paints.

Advice on protection against fire and explosion : The product should only be used in areas from which all naked lights and other sources of ignition have been excluded.  
Preparation may charge electrostatically: always use earthing leads when transferring from one container to another. Operators should wear anti-static footwear and clothing. No sparking tools should be used. Vapours are heavier than air and may spread along floors. Vapours may form explosive mixtures with air.

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

Requirements for storage areas and containers : Electrical equipment should be protected to the appropriate standard. Floors should be of the conducting type. Keep container tightly closed. Never use pressure to empty: container is not a pressure vessel. No smoking. Prevent unauthorized



# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



Commercial Product Name: ALEXSEAL P1352-Cor Spec Primer 135  
Base  
Quality No.: 1538261963000

Revision Date 24.09.2020  
Print Date 24.09.2020  
Version 5

access. Containers which are opened must be carefully re-sealed and kept upright to prevent leakage.

Further information on storage conditions : Always keep in containers of same material as the original one. See also instructions on the label. Avoid heating and direct sunlight. Keep container dry in a cool, well-ventilated place.

Advice on common storage : Keep away from oxidizing agents and strongly acid or alkaline materials.

Recommended storage temperature : 5 - 35 °C

## 7.3 Specific end use(s)

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### Occupational Exposure Limits

Components	CAS-No.	Value type (Form of exposure)	Control parameters	Basis
1-methoxy-2-propanol	107-98-2	TWA	100 ppm 375 mg/m <sup>3</sup>	2000/39/EC
		Further information: Identifies the possibility of significant uptake through the skin, Indicative		
		STEL	150 ppm 568 mg/m <sup>3</sup>	2000/39/EC
		Further information: Identifies the possibility of significant uptake through the skin, Indicative		
		TWA	100 ppm 375 mg/m <sup>3</sup>	GB EH40
		Further information: Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity.		
		STEL	150 ppm 560 mg/m <sup>3</sup>	GB EH40
		Further information: Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity.		
xylene	1330-20-7	TWA	50 ppm 221 mg/m <sup>3</sup>	2000/39/EC
		Further information: Identifies the possibility of significant uptake through the skin, Indicative		
		STEL	100 ppm 442 mg/m <sup>3</sup>	2000/39/EC
		Further information: Identifies the possibility of significant uptake through the skin, Indicative		
		TWA	50 ppm 220 mg/m <sup>3</sup>	GB EH40
		Further information: Can be absorbed through the skin. The assigned sub-		







# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



Commercial Product Name: ALEXSEAL P1352-Cor Spec Primer 135  
Base  
Quality No.: 1538261963000

Revision Date 24.09.2020  
Print Date 24.09.2020  
Version 5

	causing cancer and/or heritable genetic damage.			
n-butyl acetate	123-86-4	TWA	150 ppm 724 mg/m <sup>3</sup>	GB EH40
		STEL	200 ppm 966 mg/m <sup>3</sup>	GB EH40
		STEL	150 ppm 723 mg/m <sup>3</sup>	2019/1831/E U
Further information: Indicative				
		TWA	50 ppm 241 mg/m <sup>3</sup>	2019/1831/E U
Further information: Indicative				
4-hydroxy-4-methylpentan-2-one	123-42-2	TWA	50 ppm 241 mg/m <sup>3</sup>	GB EH40
		STEL	75 ppm 362 mg/m <sup>3</sup>	GB EH40
butan-1-ol	71-36-3	STEL	50 ppm 154 mg/m <sup>3</sup>	GB EH40
Further information: Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity.				

## Biological occupational exposure limits

Substance name	CAS-No.	Control parameters	Sampling time	Basis
xylene	1330-20-7	methyl hippuric acid: 650 Millimoles per mole Creatinine (Urine)	After shift	GB EH40 BAT
strontium chromate	7789-06-2	chromium (chromium): 10 µmol/mol creatinine (Urine)	After shift	GB EH40 BAT
2-butoxyethanol	111-76-2	butoxyacetic acid: 240 Millimoles per mole Creatinine (Urine)	After shift	GB EH40 BAT
barium salts	10294-40-3	chromium (chromium): 10 µmol/mol creatinine (Urine)	After shift	GB EH40 BAT

## Derived No Effect Level (DNEL) according to Regulation (EC) No. 1907/2006:

Substance name	End Use	Exposure routes	Potential health effects	Value
1-methoxy-2-propanol	Workers	Inhalation	Long-term systemic effects	369 mg/m <sup>3</sup>
	Workers	Dermal	Long-term systemic effects	183 mg/kg bw/day
	Consumers	Inhalation	Long-term systemic effects	43.9 mg/m <sup>3</sup>
	Consumers	Dermal	Long-term systemic effects	78 mg/kg bw/day
	Consumers	Oral	Long-term systemic	33 mg/kg





# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



Commercial Product Name: ALEXSEAL P1352-Cor Spec Primer 135  
Base  
Quality No.: 1538261963000

Revision Date 24.09.2020  
Print Date 24.09.2020  
Version 5

			effects	bw/day
	Consumers	Inhalation	Long-term systemic effects	32 mg/m3
	Consumers	Dermal	Long-term systemic effects	7.5 mg/kg bw/day
	Consumers	Oral	Long-term systemic effects	7.5 mg/kg bw/day
n-butyl acetate	Workers	Inhalation	Long-term systemic effects	300 mg/m3
	Workers	Dermal	Long-term systemic effects	11 mg/kg bw/day
	Consumers	Inhalation	Long-term systemic effects	35.7 mg/m3
	Consumers	Dermal	Long-term systemic effects	6 mg/kg bw/day
	Consumers	Oral	Long-term systemic effects	2 mg/kg bw/day
4-hydroxy-4-methylpentan-2-one	Workers	Inhalation	Long-term systemic effects	32.6 mg/m3
	Workers	Dermal	Long-term systemic effects	467 mg/kg bw/day
	Consumers	Inhalation	Long-term systemic effects	5.8 mg/m3
	Consumers	Dermal	Long-term systemic effects	167 mg/kg bw/day
	Consumers	Oral	Long-term systemic effects	1.67 mg/kg bw/day
butan-1-ol	Workers	Inhalation	Long-term local effects	310 mg/m3
	Consumers	Inhalation	Long-term systemic effects	55.357 mg/m3
	Consumers	Dermal	Long-term systemic effects	3.125 mg/kg bw/day
	Consumers	Oral	Long-term systemic effects	1.562 mg/kg bw/day

### Predicted No Effect Concentration (PNEC) according to Regulation (EC) No. 1907/2006:

Substance name	Environmental Compartment	Value
1-methoxy-2-propanol	Fresh water	10 mg/l
	Marine water	1 mg/l
	Fresh water sediment	52.3 mg/kg dry weight (d.w.)
	Marine sediment	5.2 mg/kg dry weight (d.w.)
	Sewage treatment plant	100 mg/l
xylene	Soil	4.59 mg/kg dry weight (d.w.)
	Fresh water	0.327 mg/l
	Marine water	0.327 mg/l
	Fresh water sediment	12.46 mg/kg dry weight (d.w.)
	Marine sediment	12.46 mg/kg dry weight (d.w.)
	Sewage treatment plant	6.58 mg/l

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



Commercial Product Name: ALEXSEAL P1352-Cor Spec Primer 135  
Base  
Quality No.: 1538261963000

Revision Date 24.09.2020  
Print Date 24.09.2020  
Version 5

	Soil	2.31 mg/kg dry weight (d.w.)
strontium chromate	Fresh water	0.005 mg/l
Remarks:	relating to Cr(III)	
	Fresh water sediment	31 mg/kg
	relating to Cr(III)	
	Marine water	0.005 mg/l
	relating to Cr(III)	
	Marine sediment	31 mg/kg
	relating to Cr(III)	
	Fresh water	2065 µg/l
	relating to Sr	
	Fresh water sediment	1781 mg/kg dry weight (d.w.)
	relating to Sr	
	Soil	3.2 mg/kg
	relating to Cr(III)	
	Soil	323.6 mg/kg
	relating to Sr	
	Sewage treatment plant	4.2 mg/l
	relating to Sr	
	Sewage treatment plant	10 mg/l
	relating to Cr(III)	
2-butoxyethanol	Fresh water	8.8 mg/l
	Marine water	0.88 mg/l
	Fresh water sediment	34.6 mg/kg dry weight (d.w.)
	Marine sediment	3.46 mg/kg dry weight (d.w.)
	Sewage treatment plant	463 mg/l
	Soil	2.33 mg/kg dry weight (d.w.)
barium salts	Fresh water	0.005 mg/l
	Marine water	0.005 mg/l
	Sewage treatment plant	10 mg/l
	Fresh water sediment	31 mg/kg dry weight (d.w.)
	Marine sediment	31 mg/kg dry weight (d.w.)
	Soil	3.2 mg/kg dry weight (d.w.)
n-butyl acetate	Fresh water	0.18 mg/l
	Marine water	0.0018 mg/l
	Fresh water sediment	0.981 mg/kg dry weight (d.w.)
	Marine sediment	0.098 mg/kg dry weight (d.w.)
	Sewage treatment plant	35.6 mg/l
	Soil	0.09 mg/kg dry weight (d.w.)
4-hydroxy-4-methylpentan-2-one	Fresh water	2 mg/l
	Marine water	0.2 mg/l
	Fresh water sediment	7.4 mg/kg dry

Mankiewicz Gebr. & Co. (GmbH & Co. KG)  
Georg-Wilhelm-Straße 189  
21107 Hamburg (Wilhelmsburg)  
Tel.: +49 (0) 40 / 75 10 30  
Fax: +49 (0) 40 / 75 10 33 75  
www.mankiewicz.de

Bank Name Ort Kto.-Nr.  
Deutsche Bank Hamburg 600227300  
HypoVereinsbank Hamburg 59273300  
Postbank Hamburg 373205

BLZ BIC  
200 700 00 DEUTDEH3300  
200 300 00 HYVEDEMM300  
200 100 20 PBNKDEFF200

IBAN  
DE58 2007 0000 0600 2273 00  
DE34 2003 0000 0059 2733 00  
DE85 2001 0020 0000 3732 05

Sitz/Registriergericht Hamburg; HRA 42442  
Persönlich haftende Gesellschafterin:  
Grau Gebr. Beteiligungs-GmbH  
Sitz/Registriergericht Hamburg; HRB 17189  
Geschäftsführender Gesellschafter:  
Michael O. Grau

Bureau Veritas  
Certification:  
ISO 9001,  
TS 16949,  
EN 9100



# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



Commercial Product Name: ALEXSEAL P1352-Cor Spec Primer 135  
Base  
Quality No.: 1538261963000

Revision Date 24.09.2020  
Print Date 24.09.2020  
Version 5

		weight (d.w.)
	Marine sediment	0.74 mg/kg dry weight (d.w.)
	Sewage treatment plant	10 mg/l
	Soil	0.31 mg/kg dry weight (d.w.)
butan-1-ol	Fresh water	0.082 mg/l
	Marine water	0.008 mg/l
	Fresh water sediment	0.324 mg/kg dry weight (d.w.)
	Marine sediment	0.032 mg/kg dry weight (d.w.)
	Sewage treatment plant	2476 mg/l
	Soil	0.017 mg/kg dry weight (d.w.)

## 8.2 Exposure controls

### Engineering measures

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain aerosol- and solvent vapours concentration below the OEL, suitable respiratory protection must be worn.

### Personal protective equipment

Eye protection : Wear safety goggles to protect against solvent splashes.

Hand protection

Remarks : Adhere to the professional organisation rule "Use of protective gloves". Appropriate chemicals resistant glove tested in compliance with EN 374.  
Recommendation for protection against components generally found in the products:

For short-term contact (i.e. splash protection):

Appropriate material:

nitrile rubber, Neoprene

Material thickness: > 0,4 mm

Breakthrough time: > 480 min

Before use, the protective glove should be tested in any case for its specific work-station suitability (i.e. mechanical resistance, product compatibility and antistatic properties). Adhere to the manufacturer's instructions and information relating to the use, storage, care and replacement of protective gloves. Protective gloves shall be replaced immediately when physically damaged or worn. Preventive hand protection (skin protection cream) recommended. Wash immediately contaminated skin. Design operations thus to avoid permanent use of protective gloves.

Skin and body protection : Personal should wear antistatic clothings made of natural fiber or of high temperature resistant synthetic fiber. All parts of the body should be washed after contact.



# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



Commercial Product Name: ALEXSEAL P1352-Cor Spec Primer 135  
Base  
Quality No.: 1538261963000

Revision Date 24.09.2020  
Print Date 24.09.2020  
Version 5

**Respiratory protection** : If workers are exposed to concentrations above the exposure limit they must use appropriate, certified respirators. Use half-mask model with cartridge or air-fed. The following must be noted with regard to spraying/sanding: Only those persons wearing the required protecting equipment may enter the spray booth. When spraying large parts (e.g. airplanes, helicopters etc.) full-face mask with A2P3 filter and air supply has to be worn. When spraying medium parts in paint booth minimum at least half-mask with A2P3 filter has to be worn. When spraying outside paint booth (e.g. on airplanes) at least half-mask with A2P3 filter has to be worn.

The following must be noted with regard to rolling/brushing: When brushing of medium sized parts at least half-mask with A2P3 filter has to be worn. Dry grinding, torch cutting and/or welding however can produce hazardous dust and/or vapour. If possible, machine employing a wet medium. Where practicable, install exhaust hoods to improve capture of vapours and fumes and avoid exposition; otherwise wear respiratory protection equipment.

**Protective measures** : Avoid product contact with skin, eyes and clothing. Avoid the inhalation of dust from sanding, particulates and spray mist arising from the application of this preparation. When operators, whether spraying or not, have to work inside the spray booth, ventilation is unlikely to be sufficient to control particulates and solvent vapour in all cases. In such circumstances they should wear a compressed air-fed respirator during the spraying process until such time as the particulates and solvent vapour concentration has fallen below the exposure limits.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

**Appearance** : liquid  
**Colour** : according product name  
**Odour** : characteristic  
**Boiling point/boiling range** : ca. 120 °C  
**Flash point** : 26 °C  
Method: ISO 13736  
**Upper explosion limit** : 10.0 %(V)  
**Lower explosion limit** : 1.0 %(V)



# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



Commercial Product Name: ALEXSEAL P1352-Cor Spec Primer 135  
Base  
Quality No.: 1538261963000

Revision Date 24.09.2020  
Print Date 24.09.2020  
Version 5

Vapour pressure : ca. 100 hPa (50 °C)  
Density : ca. 1.4 g/cm<sup>3</sup> (20 °C)  
Solubility(ies)  
Water solubility : insoluble  
Auto-ignition temperature : ca. 400 °C  
Viscosity  
Flow time : 50 s  
Cross section: 4 mm  
Method: DIN 53211  
34 s  
Cross section: 6 mm  
Method: ISO 2431

## 9.2 Other information

Solvent separation : < 3 %(V)

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

No decomposition if stored and applied as directed.

### 10.2 Chemical stability

Stable under normal conditions.

### 10.3 Possibility of hazardous reactions

Hazardous reactions : No dangerous reaction known under conditions of normal use.  
There are no data available on the preparation itself.

### 10.4 Conditions to avoid

Conditions to avoid : Stable under recommended storage and handling conditions  
(See section 7).

### 10.5 Incompatible materials

Materials to avoid : Keep away from oxidizing agents, strongly alkaline and  
strongly acid materials in order to avoid exothermic reactions.

### 10.6 Hazardous decomposition products

When exposed to high temperatures may produce hazardous decomposition products such as  
carbon monoxide and dioxide, smoke, oxides of nitrogen.

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

#### Acute toxicity

Harmful if swallowed.



# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



Commercial Product Name: ALEXSEAL P1352-Cor Spec Primer 135  
Base  
Quality No.: 1538261963000

Revision Date 24.09.2020  
Print Date 24.09.2020  
Version 5

Fatal if inhaled.

## Product:

- Acute oral toxicity : Acute toxicity estimate: 1,552 mg/kg  
Method: Calculation method
- Acute inhalation toxicity : Assessment: The substance/mixture is toxic on inhalation as defined by dangerous goods regulations.
- Acute toxicity estimate: 0.3833 mg/l  
Exposure time: 4 h  
Test atmosphere: dust/mist  
Method: Calculation method
- Acute dermal toxicity : Acute toxicity estimate: > 2,000 mg/kg  
Method: Calculation method

## Components:

### **xylene:**

- Acute oral toxicity : LD50 Oral (Rat): 4,300 mg/kg

### **strontium chromate:**

- Acute oral toxicity : LD50 (Rat): 327 mg/kg  
Method: OECD Test Guideline 420
- Acute inhalation toxicity : LC50: 0.27 - 0.51 mg/l  
Exposure time: 4 h  
Test atmosphere: dust/mist  
Method: OECD Test Guideline 403

### **2-butoxyethanol:**

- Acute oral toxicity : LD50 (Rat): 1,300 mg/kg
- Acute dermal toxicity : LD50 (Rabbit): > 400 - 2,000 mg/kg

### **4-hydroxy-4-methylpentan-2-one:**

- Acute oral toxicity : LD50 (Rat): 3,002 mg/kg
- Acute dermal toxicity : LD50 (Rabbit): 13,630 mg/kg

### **butan-1-ol:**

- Acute oral toxicity : LD50 (Rat): 790 mg/kg

## **Skin corrosion/irritation**

Causes skin irritation.

## Components:

### **strontium chromate:**

- Species : Rabbit

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



Commercial Product Name: ALEXSEAL P1352-Cor Spec Primer 135  
Base  
Quality No.: 1538261963000

Revision Date 24.09.2020  
Print Date 24.09.2020  
Version 5

Method : OECD Test Guideline 404  
Result : No skin irritation

## Serious eye damage/eye irritation

Causes serious eye irritation.

### Components:

#### strontium chromate:

Species : Rabbit  
Method : OECD Test Guideline 405  
Result : No eye irritation

#### 4-hydroxy-4-methylpentan-2-one:

Species : Rabbit  
Method : OECD Test Guideline 405  
Result : Eye irritation

## Respiratory or skin sensitisation

### Skin sensitisation

May cause an allergic skin reaction.

### Respiratory sensitisation

May cause allergy or asthma symptoms or breathing difficulties if inhaled.

### Components:

#### strontium chromate:

Species : Mouse  
Assessment : May cause sensitisation by skin contact.  
Method : Local Lymph Node Assay  
Result : positive

## Germ cell mutagenicity

May cause genetic defects.

### Components:

#### strontium chromate:

Genotoxicity in vivo : Test Type: Sister chromatid exchange analysis in spermatogonia  
Species: Chinese hamster  
Result: positive

## Carcinogenicity

May cause cancer.

## Reproductive toxicity

Suspected of damaging fertility or the unborn child.

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



Commercial Product Name: ALEXSEAL P1352-Cor Spec Primer 135  
Base  
Quality No.: 1538261963000

Revision Date 24.09.2020  
Print Date 24.09.2020  
Version 5

## STOT - single exposure

May cause respiratory irritation.  
May cause drowsiness or dizziness.

## STOT - repeated exposure

May cause damage to organs through prolonged or repeated exposure.

## Aspiration toxicity

Not classified based on available information.

## Further information

### Product:

Remarks : Exposure of vapour concentration in excess of the stated OEL's may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on kidney, liver and central nervous system. Symptoms and signs include headache, dizziness, fatigue muscular weakness, drowsiness and in extrem cases, loss of consciousness.  
Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in non-allergic contact dermatitis and absorption through the skin. The liquid splashed in the eyes may cause irritation and reversible damage.

## SECTION 12: Ecological information

### 12.1 Toxicity

#### Product:

#### Ecotoxicology Assessment

Acute aquatic toxicity : There are no data available on the preparation itself.

#### Components:

##### strontium chromate:

Toxicity to fish : LC50 (Brachydanio rerio (zebrafish)): > 1 µg/l  
Exposure time: 96 h  
Method: ISO 7346/1  
Remarks: relating to Cr(III)

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): 125 mg/l  
Exposure time: 48 h  
Remarks: relating to Sr

Toxicity to algae/aquatic plants : ErC50 (Pseudokirchneriella subcapitata (algae)): > 43.3 mg/l  
Exposure time: 72 h  
Method: OECD Test Guideline 201  
Remarks: relating to Sr

NOEC (Chlorella vulgaris (Fresh water algae)): > 150 mg/l  
Exposure time: 84 d

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



Commercial Product Name: ALEXSEAL P1352-Cor Spec Primer 135  
Base  
Quality No.: 1538261963000

Revision Date 24.09.2020  
Print Date 24.09.2020  
Version 5

Toxicity to fish (Chronic toxicity) : NOEC: 0.018 mg/l  
Exposure time: 30 d  
Method: OECD Test Guideline 210  
Remarks: relating to Cr(III)

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : NOEC: 0.02 mg/l  
Exposure time: 21 d  
Species: Daphnia magna (Water flea)  
Method: OECD Test Guideline 211  
Remarks: relating to Cr(III)

M-Factor (Chronic aquatic toxicity) : 1

## Hydrocarbons, C9, aromatics:

Toxicity to fish : LC50 (Oncorhynchus mykiss (rainbow trout)): 9.2 mg/l  
Exposure time: 96 h  
Method: OECD Test Guideline 203

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): 3.2 mg/l  
Exposure time: 48 h  
Method: OECD Test Guideline 202

Toxicity to algae/aquatic plants : ErC50 (Raphidocelis subcapitata (freshwater green alga)): 2.9 mg/l  
Exposure time: 72 h  
Method: OECD Test Guideline 201

## 12.2 Persistence and degradability

### Product:

Biodegradability : Remarks: There are no data available on the preparation itself.

## 12.3 Bioaccumulative potential

### Product:

Bioaccumulation : Remarks: There are no data available on the preparation itself.

## 12.4 Mobility in soil

### Product:

Mobility : Remarks: There are no data available on the preparation itself.

## 12.5 Results of PBT and vPvB assessment

### Product:

Assessment : This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



Commercial Product Name: ALEXSEAL P1352-Cor Spec Primer 135  
Base  
Quality No.: 1538261963000

Revision Date 24.09.2020  
Print Date 24.09.2020  
Version 5

very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher..

## 12.6 Other adverse effects

### Product:

Additional ecological information : There are no data available on the preparation itself.  
The product should not be allowed to enter drains or water courses.

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

Product : The listed waste code numbers, according to the European Waste Catalogue, are to be understood as a recommendation. A final decision must be made in agreement with the regional waste disposal company.

Contaminated packaging : Contaminated packaging should be emptied as far as possible and after appropriate cleansing may be taken for reuse. Packaging that cannot be cleaned should be disposed off in agreement with the regional waste disposal company.

Waste key for the unused product : 08 01 11 waste paint and varnish containing organic solvents or other hazardous substances

## SECTION 14: Transport information

### 14.1 UN number

ADR : UN 2929  
IMDG : UN 2929  
IATA : UN 2929

### 14.2 UN proper shipping name

ADR : TOXIC LIQUID, FLAMMABLE, ORGANIC, N.O.S.  
(strontium chromate, 1-methoxypropan-2-ol)  
IMDG : TOXIC LIQUID, FLAMMABLE, ORGANIC, N.O.S.  
(strontium chromate, 1-methoxypropan-2-ol, barium chromate)  
IATA : TOXIC LIQUID, FLAMMABLE, ORGANIC, N.O.S.  
(strontium chromate, 1-methoxypropan-2-ol)

### 14.3 Transport hazard class(es)

ADR : 6.1  
IMDG : 6.1  
IATA : 6.1

### 14.4 Packing group

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



Commercial Product Name: ALEXSEAL P1352-Cor Spec Primer 135  
Base  
Quality No.: 1538261963000

Revision Date 24.09.2020  
Print Date 24.09.2020  
Version 5

## ADR

Packing group : II  
Classification Code : TF1  
Hazard Identification Number : 63  
Labels : 6.1 (3)  
Tunnel restriction code : (D/E)  
Remarks : If transported within the user's premises: To be transported always in closed, upright and safe containers. Make sure that persons handling these containers are aware of the rules of conduct in case of incident or spillage.

## IMDG

Packing group : II  
Labels : 6.1 (3)  
EmS Code : F-E, S-D

## IATA (Cargo)

Packing instruction (cargo aircraft) : 662  
Packing group : II  
Labels : Toxic, Flammable Liquids

## IATA (Passenger)

Packing instruction (passenger aircraft) : 654  
Packing instruction (LQ) : Y641  
Packing group : II  
Labels : Toxic, Flammable Liquids

## 14.5 Environmental hazards

### ADR

Environmentally hazardous : yes

### IMDG

Marine pollutant : yes

## 14.6 Special precautions for user

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

## 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable for product as supplied.

## SECTION 15: Regulatory information

### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, preparations and articles (Annex XVII) : Conditions of restriction for the following entries should be considered:  
Number on list 3

strontium chromate (Number on list 72, 28)

Mankiewicz Gebr. & Co. (GmbH & Co. KG)  
Georg-Wilhelm-Straße 189  
21107 Hamburg (Wilhelmsburg)  
Tel.: +49 (0) 40 / 75 10 30  
Fax: +49 (0) 40 / 75 10 33 75  
www.mankiewicz.de

Bank Name	Ort	Kto.-Nr.	BLZ	BIC	IBAN
Deutsche Bank	Hamburg	600227300	200 700 00	DEUTDE33HAN	DE58 2007 0000 0600 2273 00
HypoVereinsbank	Hamburg	59273300	200 300 00	HYVEDE33HAN	DE34 2003 0000 0059 2733 00
Postbank	Hamburg	373205	200 100 20	PNKDEFF20	DE85 2001 0020 0000 3732 05

Sitz/Registriergericht Hamburg: HRA 42442  
Persönlich haftende Gesellschafterin:  
Grau Gebr. Beteiligungs-GmbH  
Sitz/Registriergericht Hamburg: HRB 17189  
Geschäftsführender Gesellschafter:  
Michael O. Grau  
Bureau Veritas  
Certification:  
ISO 9001,  
TS 16949,  
EN 9100



# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



Commercial Product Name: ALEXSEAL P1352-Cor Spec Primer 135  
Base  
Quality No.: 1538261963000

Revision Date 24.09.2020  
Print Date 24.09.2020  
Version 5

barium salts (Number on list 47, 29,  
28)

REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59) : strontium chromate

REACH - List of substances subject to authorisation (Annex XIV) : strontium chromate

Volatile organic compounds :

Directive 2010/75/EU of 24 November 2010 on industrial emissions (integrated pollution prevention and control)  
Volatile organic compounds (VOC) content: 45.16 %, 632 g/l  
Volatile CMR compounds: 0.04 %  
VOC content excluding water

## Other regulations:

Take note of Directive 92/85/EEC regarding maternity protection or stricter national regulations, where applicable.

Take note of Directive 94/33/EC on the protection of young people at work or stricter national regulations, where applicable.

## 15.2 Chemical safety assessment

A chemical safety assessment has not been carried out for the mixture.

## SECTION 16: Other information

### Full text of H-Statements

- H226 : Flammable liquid and vapour.
- H301 : Toxic if swallowed.
- H302 : Harmful if swallowed.
- H304 : May be fatal if swallowed and enters airways.
- H311 : Toxic in contact with skin.
- H312 : Harmful in contact with skin.
- H315 : Causes skin irritation.
- H317 : May cause an allergic skin reaction.
- H318 : Causes serious eye damage.
- H319 : Causes serious eye irritation.
- H330 : Fatal if inhaled.
- H332 : Harmful if inhaled.
- H334 : May cause allergy or asthma symptoms or breathing difficulties if inhaled.
- H335 : May cause respiratory irritation.
- H336 : May cause drowsiness or dizziness.
- H340 : May cause genetic defects.
- H341 : Suspected of causing genetic defects.
- H350 : May cause cancer.
- H361 : Suspected of damaging fertility or the unborn child.



# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



Commercial Product Name: ALEXSEAL P1352-Cor Spec Primer 135  
Base  
Quality No.: 1538261963000

Revision Date 24.09.2020  
Print Date 24.09.2020  
Version 5

- H361d : Suspected of damaging the unborn child.
- H372 : Causes damage to organs through prolonged or repeated exposure.
- H373 : May cause damage to organs through prolonged or repeated exposure.
- H400 : Very toxic to aquatic life.
- H410 : Very toxic to aquatic life with long lasting effects.
- H411 : Toxic to aquatic life with long lasting effects.
- H412 : Harmful to aquatic life with long lasting effects.

## Full text of other abbreviations

- Acute Tox. : Acute toxicity
- Aquatic Acute : Short-term (acute) aquatic hazard
- Aquatic Chronic : Long-term (chronic) aquatic hazard
- Asp. Tox. : Aspiration hazard
- Carc. : Carcinogenicity
- Eye Dam. : Serious eye damage
- Eye Irrit. : Eye irritation
- Flam. Liq. : Flammable liquids
- Muta. : Germ cell mutagenicity
- Repr. : Reproductive toxicity
- Resp. Sens. : Respiratory sensitisation
- Skin Irrit. : Skin irritation
- Skin Sens. : Skin sensitisation
- STOT RE : Specific target organ toxicity - repeated exposure
- STOT SE : Specific target organ toxicity - single exposure
- 2000/39/EC : Europe. Commission Directive 2000/39/EC establishing a first list of indicative occupational exposure limit values
- 2004/37/EC : Europe. Directive 2004/37/EC on the protection of workers from the risks related to exposure to carcinogens or mutagens at work
- 2019/1831/EU : Europe. Commission Directive 2019/1831/EU establishing a fifth list of indicative occupational exposure limit values
- GB EH40 : UK. EH40 WEL - Workplace Exposure Limits
- GB EH40 BAT : UK. Biological monitoring guidance values
- 2000/39/EC / TWA : Limit Value - eight hours
- 2000/39/EC / STEL : Short term exposure limit
- 2004/37/EC / TWA : Long term exposure limit
- 2019/1831/EU / TWA : Limit Value - eight hours
- 2019/1831/EU / STEL : Short term exposure limit
- GB EH40 / TWA : Long-term exposure limit (8-hour TWA reference period)
- GB EH40 / STEL : Short-term exposure limit (15-minute reference period)

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - European Agreement concerning the International Carriage of Dangerous Goods by Road; AICS - Australian Inventory of Chemical Substances; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - In-



# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



Commercial Product Name: ALEXSEAL P1352-Cor Spec Primer 135  
Base  
Quality No.: 1538261963000

Revision Date 24.09.2020  
Print Date 24.09.2020  
Version 5

ternational Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - Substance of Very High Concern; TCSI - Taiwan Chemical Substance Inventory; TRGS - Technical Rule for Hazardous Substances; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative

## Further information

Other information : The information given in this material safety data sheet does not release the user from its duty of risk assessment and control in the work place defined in other health and safety law. Adhere to the national sanitary and occupational safety regulations when using this product.

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

## Classification of the mixture:

Flam. Liq. 3	H226
Acute Tox. 4	H302
Acute Tox. 2	H330
Skin Irrit. 2	H315
Eye Irrit. 2	H319
Resp. Sens. 1	H334
Skin Sens. 1	H317
Muta. 1B	H340
Carc. 1A	H350
Repr. 2	H361
STOT SE 3	H336
STOT SE 3	H335
STOT RE 2	H373
Aquatic Chronic 2	H411

## Classification procedure:

Based on product data or assessment  
Calculation method  
Calculation method  
Calculation method  
Calculation method  
Calculation method  
Calculation method  
Calculation method  
Calculation method  
Calculation method  
Calculation method  
Calculation method  
Calculation method



# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



Commercial Product Name: ALEXSEAL P1352-Cor Spec Primer 135  
Base  
Quality No.: 1538261963000

Revision Date 24.09.2020  
Print Date 24.09.2020  
Version 5

## Department issuing safety data sheet

UMCO GmbH  
Georg-Wilhelm-Str.187, D-21107 Hamburg  
Telefon: +49(0)40/555 546 300 Fax: +49(0)40/555 546 357  
e-mail:umco@umco.de

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

GB / EN