

## 1. PRODUCT/MIXTURE AND COMPANY IDENTIFICATION

### 1.1. Product/Mixture Name

Product Name : AUTOBAHNHOF® 2K MS CLEARCOAT  
(READY TO USE)

Identification : Acrylic Clear coat with two component

Product Code : C2162



### 1.2. Relevant identified uses of the substances or mixture and uses advise against

Professional usage / All types of vehicles, Painting of equipment

## 2- HAZARD IDENTIFICATION

### 2.1. Classification of Product or Mixture

According to 1272/2008/EC CLP Directive;



H Symbol  
H226 , H332, H315 , H336, H312, H319, EUH 066

\*Detail is given at section 16

### 2.2. Labeling

According to 1272/2008/EC CLP Directive;



Hazard Symbol : Danger  
Including Xylene, Butyl Acetate, PMA

#### Hazard Statement

H315	Skin irrit 2	Causes skin irritation
H226	Flam. Liq. 2,	Flammable liquid and vapour
H332	Acute Tox. 4	Harmful if inhaled
H312	Acute Tox. 4	Harmful in contact with skin
H319	Eye Irrit. 2	Causes serious eye irritation
H336	STOT SE 3	May cause drowsiness or dizziness
EUH066		Repeated exposure may cause skin dryness or cracking'.

#### Precautionary Statement - Prevention

P210 Keep away from heat/ sparks/open flames/hot surfaces. — No smoking.

P233 Keep container tightly closed.

P240 Ground/bond container and receiving equipment.

P241 Use explosion-proof electrical/ventilating/lighting/.../ equipment.

P242 Use only non-sparking tools.

P260 Do not breathe dust/fume/gas/mist/vapours/spray.

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

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P271 Use only outdoors or in a well-ventilated area  
 P273 Avoid release to the environment.  
 P280 Wear protective gloves/protective clothing/eye protection/face protection.  
 P264 Wash ... thoroughly after handling.

**Precautionary Statement - Response**

P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.  
 P305+351+338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P332+313 - If skin irritation occurs: Get medical advice/attention.  
 P304+340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
 P363 Wash contaminated clothing before reuse.

**Precautionary Statement - Storage**

P403+P235 – Store in a well-ventilated place.  
 P405 - Store locked up.

**Precautionary Statement - Disposal**

P501 - Dispose of contents/container according to legal regulation

**2.3. Others**

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**3- COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical	Cas No.	EC No	Concentration	Class	Phrases
Butyl Acetate	123-86-4	204-658-1	%5-16		R10, R66, R67
				GHS07 GHS02	H226, H336, EUH066
Xylene	1330-20-7	215-535-7	% 5-16	Xn	R10, R20/21, R38
				GHS07	H226, H319, H332, H31
PMA	108-65-6	203-603-9	%5-16	Xn	R10, R36
				GHS07 GHS02	H226, H319
acrylic resin	--	-	% 60-77	Xn	R10, R20/21
				GHS07 GHS02	H226, H332, H312

**4- FIRST AID MEASURES**

**4.1. Identification of First Aid Measures**

Ventilated the place. Remove exposed personnel from the environment. Ensure that anyone entering the zone. Where necessary, call a doctor. Go to the doctor with the MSDS.

4.1.1. Inhalation: Move to fresh air in case of accidental inhalation of vapours. If not breathing, give artificial respiration. If breathing is difficult, give oxygen, provided a qualified operator is available. Call a physician immediately.

4.1.2. In case of skin contact: Contaminated clothing and shoes are immediately removed and carefully cleaned the affected area. If severely affected, consult a doctor. Take off contaminated clothing and shoes immediately. Wash contaminated clothing before re-use. Obtain medical attention.

4.1.4..In case of contact with eyes; rinse eyes with plenty of water for at least 15 minutes at ambient temperature. Avoid rubbing the affected person's eyes or shut up. If you are using contact lenses person involved in the accident, they are not glued to the eye, they should be withdrawn, otherwise can see further losses. In any case, after washing, should be referenced doctoral quickly as possible

4.1.5.Ingestion: Get medical aid immediately, showing the product's TDS. Do not induce vomiting because remove the vomit gastric mucosa in the upper digestive tract and respiratory tract is damage. Rinse the mouth and throat may be affected for digestion. Do not give anything by mouth until you see the doctor in the event of loss of consciousness. Keep the affected person lying position.

#### **4.2. Major Important Symptoms and Effects, both acute and delayed**

N/A

#### **4.3. Identification of Any Immediate Medical Attention and Special Treatment Needed**

There is no evidence that special protection measures must be done or serious symptoms during working. If any exposure is done, show this the material safety data sheets to the physician.

### **5.FIRE-FIGHTING MEASURES**

#### **5.1. Fire Extinguisher**

Suitable fire extinguishers: Use CO<sub>2</sub>, extinguishing powder, dry chemical or water spray.

Unsuitable fire extinguishers: NOT recommended to be used with water or water spray.

#### **5.2. Specific hazards arising from the substance or mixture**

Toxic gas formation is concerned.

#### **5.3. Advice for firefighting teams:**

Use proper personal protective equipment

### **6- ACCIDENTAL RELEASE MEASURES**

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

Anti-acid protective personal equipment (clothing, gloves, shoes) use. Wear a mask to prevent breathing in chemicals. Don't allow the personal not using protective equipment.

#### **6.2.Environmental precautions**

If there is a spillage, clean up immediately by using absorbance materials. Do not allow to enter sewers/surface or ground water. If there is any contamination, inform to the authorities immediately.

#### **6.3.Methods and Material for Containment and Cleaning up**

6.3.1. If there is any scattering and pouring, absorb with liquid binding material . Scattering to different regions should be prevented by putting warning signs.

6.3.2. Put a suitable container to collect and scattering in the region. The water treatment plant is placed in a hazardous waste depot occur when cleaning the place. Liquid-binding material (sand, diatomite acid binders, universal binders, sawdust into flour) should be put at the unclean area for absorbing. Provide adequate ventilation.

6.3.3. All kinds of absorbance can be used for cleaning of product.

6.3.4. For more information look at clause 8 and 13

### **7. HANDLING AND STORAGE**

#### **7.1.Precations for safe Handling :**

Make sure that the work area is well ventilated and Besides that, it is need to be precautions with working the chemicals. Washing hands after finishing work.

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

Store in well ventilated at a temperature of 5-30 °C (41-86 °F) in a dry area. Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Avoid to contacts heating, radiation, static electricity, food.

## 7.3. Specific for end user (s)

No information

## 8- EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control Parameters

Occupational exposure limit values associated with the substances it contains are listed below. Limit values "in Working with Chemical Regulation on Health and Safety Precautions" to have been taken.

Name of Substances	Limits				Special
	TWA (8 hours)		STEL (15 min.)		
	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>	ppm	
Xylene	220	50	441	100	Skin
Butyl Acetate	724	150	966	200	-
PMA	274	50	548	100	Deri

### n-butyl acetate

DNEL

Workers - Dermal; Long term systemic effects: 7 mg/kg/day  
 Workers - Inhalation; Long term systemic effects: 48 mg/m<sup>3</sup>  
 General population - Dermal; Long term systemic effects: 3,4 mg/kg/day  
 General population - Inhalation; Long term systemic effects: 12 mg/m<sup>3</sup>  
 General population - Oral; Long term systemic effects: 3,4 mg/kg/day

PNEC

Fresh water; 0,18 mg/l  
 Marine water; 0,018 mg/l  
 Intermittent release; 0,36 mg/l  
 Sediment (Freshwater); 0,981 mg/kg  
 Sediment (Marinewater); 0,0981 mg/kg  
 Soil; 0,0903 mg/kg - STP; 35,6 mg/l

### xylene

DNEL

Workers - Dermal; Long term systemic effects: 180 mg/kg/day  
 Workers - Inhalation; Long term systemic effects: 77 8 h, mg/m<sup>3</sup>  
 Consumer - Oral; Long term systemic effects: 1,6 mg/kg/day  
 Consumer - Dermal; Long term systemic effects: 108 mg/m<sup>3</sup>  
 Consumer - Inhalation; Long term systemic effects: 14,8 mg/m<sup>3</sup>

## 8.2. Exposure controls

### 8.2.1. Appropriate engineering controls

Controls to remain under local exposure limits, it must be set ventilation or used other engineering control techniques.

### 8.2.2. Individual protective measures, such as personal protective equipment

#### 8.2.2.1. Staff Hygiene

Keep away from food and drink. Wash your hands to work during breaks and after work. The staff and ready solution to preclude contact with the skin and the mucous cells, make sure to use the required personal protective equipment. Use, handling, or smoke during storage.

#### 8.2.2.1. Personal Protective Equipments

Personal protective equipment should be used in case of exceeding the exposure limit at the regulations as a result of the risk assessment and measurement. Eye shower and/or eye spray is used in case of any accident.



Eyes : Use protective glass



Protective clothing should be used as the apron



Gloves: Chemical protective gloves should conform to EN 374 standard. Check protective gloves prior to each use. Contaminated gloves should be disposed as a waste.



Inhalation : Inhibitors should be used with special masks toxic gases.

### 8.2.3. Environmental Control

Product and packaging can not be spilled at the environment

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on Basic Physical and Chemical Properties

Physical state	Liquid
Color	Clear
Odor	Strong
pH (waterborne systems only)	No data available.
Solubility in Water	Very poor.
Solubility non Water	No data available.
Boiling Point	No data available.
Freezing Point	No data available.
Flash Point	27 °C (80 °F) (closed container)
Density 20°C (68°F)	0,97 ± 0,05 g/ml
Specific Gravity	0,97 ± 0,05 (Ref Std: WATER=1)
Gallon Weight (lbs/gal)	8,10 lb/gal
Viscosity (23 °C)	Not applicable.
Kinematic Viscosity	Not applicable.
Percent Volatile By Weight	57,5%
Percent Solids By Weight	42,5%
Volatile Organic Compounds	57,5 % weight (Test Method: calculated)
VOC (LE)	558 g/l
VOC (LE)	4,7 lbs/gal
VOC (AP)	558 g/l
VOC (AP)	4,7 lbs/gal

**\*VOC (LE) (theoretical) and VOC (AP) (theoretical) are based upon the VOC of the packaged material at the point of manufacture.**

### 9.2. Other Information

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## 10. STABILITY AND REACTIVITY

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- 10.1. Reactivity :** No further relevant information available
- 10.2. Chemical Reactivity:** It is stable
- 10.3. Possibility of Hazardous reactions:** No dangerous reactions known.
- 10.4. Conditions to avoid** No decomposition if used according to specifications.
- 10.5. Incompatible Materials:** Acids and toxic gas releases, should be taken against flammable materials.
- 10.6. Hazardous decomposition products :** Carbon dioxide, carbon monoxide and volatile organics are release

## 11. TOXICOLOGICAL INFORMATION

- Inhalation** : When in contact with acids prolonged exposure to the toxic gas release can be fatal when thick
- Eating** : Food causes damage to the trachea.
- Skin** : Contact with skin destroys substantially all the clothes and cause burns
- Eyes** : It can cause serious and permanent damage.

### Acute toxicity :

There is no information about the acute toxicity of chemical . .

The chemical content of the MSDS of raw materials used in chemical are concerned acute toxicity information of one of the agents is given below.

Xylene	ATE-Dermal 1.100 mg/kg	ATE-Inhalation 11.0 mg/L
PMA	LD <sub>50</sub> -Oral 8.532 mg/kg (rat)	LD <sub>50</sub> -Dermal >5.000 mg/kg (rat)
Butyl Acetate	LD <sub>50</sub> -Oral 10.760 mg/kg (rat)	LD <sub>50</sub> -Dermal 14.000 mg/kg (rabbit)

### Effects On People With Chronic

Subchronic – chronic toxicity	There is no danger of a major effect known or critical.
Sensitive reaction	There is no danger of a major effect known or critical.
Carcinogenic effects	There is no danger of a major effect known or critical.
Mutagenisite	There is no danger of a major effect known or critical.
The prolific toxicity	There is no danger of a major effect known or critical.

## 12.ECOLOGICAL INFORMATION

Do not allow discharge to the sewerage system and underground water. Why there is no resolution in the nature and substance of the content.

	PMA	Xylene
Fish toxicity (LC <sub>50</sub> ), 90 hr.	>100 mg/l	1-10 mg/L (48 h)
Bactery toxicity, EC <sub>50</sub>	>100 mg/l	1-10 mg/L
Alg toxicity, EC <sub>50</sub> , 96 hr.	>1000 mg/l	1-10 mg/L
EC <sub>10</sub> (30 min)	>1000 mg/l	No information
Biodegrebility	Polluted at underground water	Biodegrebility
Bioaccumulative Potential	No information	No information
PBT/vPvB	N/A	N/A

## 13.DISPOSAL CONSIDERATIONS

### 13.1. Waste treatment methods

#### General information

The generation of waste should be minimised or avoided wherever possible. This material and its container must be disposed of in a safe way. When handling waste, the safety precautions applying to handling of the product should be considered. Care should be taken when handling emptied containers that have not been thoroughly cleaned or rinsed out.

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**Disposal methods**

Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

### 14- TRANSPORT INFORMATION

Product Name : UN 1263 PAINT (including paint, lacquer, enamel, satin, shellac, varnish, polish, liquid filler and liquid lacquer base) or PAINT RELATED MATERIAL (including paint thinning and reducing compound) (Including Xylene, Butyl Acetate, PMA)

UN No : 1263  
ADR Class : 3



Marking :

**Transportation By Road –ADR**

UN No :	UN 1263	Class	3:Flammable Liquid
Packing Group	III	Packing Code	P001, IBC03, LP01, R001
Special Provision	163, 367, 640E, 650	Limited Quantity	5 L
Exemption	1000 lt.	Exceptional Quantity	E1
Hazard Identification	33	Tunnel Category	D/E

**Transportation By Maritime – IMDG**

UN No:	UN 1263	Class	3:Flammable Liquid
Packing Group	III	Packing Code	P001, IBC03, LP01
Special Provision	163, 223, 955	Limited Quantity	5 L
Environmental Pollution	Yes – Category A	EMS No	F-E, S-E

**Transportation by Airlines - IATA**

UN No :	UN 1263	Class	3:Flammable Liquid
<b>Passenger &amp; Cargo</b>			
Limited Quantity & Packing Code	10 L / Y344	Max Amount	60L /Y355
Only Cargo;		Max Amount	220 L/ Y366
Packing Group	III	ERG-No	3L

### 15- REGULATORY INFORMATION

**15.1 Safety, health and environmental regulations/legislation specific for the substances or mixture**

**National regulations**

Ministry of environment Regulation 28848 / 2013 classification substances and Mixtures, labelling and packing. Regulation 29314 /2015 waste management  
Ministry of labor and social security Regulation 28730/2013 Health and safety Precaution working with carcinogenic and mutagenic substances  
Regulation 6331/2012 health and safety law. Regulation 28695/2013 personal Protective equipments. Regulation 28733 /2013 health and safety precaution working with chemicals.

## EU legislation

Regulation (EC) No 28848 of the European Parliament and of the Council of December 2013 on classification, labelling and packaging of substances and mixtures (as amended).

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as ame

## 15.2. Other Regulations

1907/2006 (REACH) (CE) Candidate substances to be approved in Regulation: Not relevant

1005/2009 concerning the eroding ozone layer material (CE) Regulation: Not relevant

98/8/CE Annex I of Directive active substances or included in the IA: Not relevant

689/2008 regarding the import and export of hazardous chemical products (CE) Regulation: Not applicable  
restrictions on the marketing and use of certain dangerous substances and mixtures (Annex XVII of the REACH Regulation): Not relevant

Specific provisions regarding the protection of persons or the environment: Material Safety Data Sheet should be taken all the measures identified.

Other regulation: Not relevant.

## 16. OTHER INFORMATION

### Abbreviations and acronyms used in the safety data sheet

ATE: Acute Toxicity Estimate.

Kow: Octanol-water partition coefficient.

LC<sub>50</sub>: Lethal Concentration to 50 % of a test population.

LD<sub>50</sub>: Lethal Dose to 50% of a test population (Median Lethal Dose).

EC<sub>50</sub>: 50% of maximal Effective Concentration.

PBT: Persistent, Bioaccumulative and Toxic substance.

vPvB: Very Persistent and Very Bioaccumulative.

PNEC: Predicted No Effect Concentration.

BCF: Bioconcentration Factor.

NOEC: No Observed Effect Concentration.

### Key literature references and sources for data

Source: European Chemicals Agency, <http://echa.europa.eu/> SDSs of raw material supplier's.

Issued by **Feyyaz Akkurt (Mr) - Laboratory Manager / Chemical Engineer**

According to related regulation;

Including Xylene, Butyl Acetate, PMA

#### Hazard Statement

H315	Skin irrit 2	Causes skin irritation
H226	Flam. Liq. 2,	Flammable liquid and vapour
H332	Acute Tox. 4	Harmful if inhaled
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#### Precautionary Statement - Prevention

P210 Keep away from heat/ sparks/open flames/hot surfaces. — No smoking.

P233 Keep container tightly closed.

P240 Ground/bond container and receiving equipment.

P241 Use explosion-proof electrical/ventilating/lighting/.../ equipment.

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P273 Avoid release to the environment

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P264 Wash ... thoroughly after handling.

#### Precautionary Statement - Response

P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

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P332+313 - If skin irritation occurs: Get medical advice/attention.

P304+340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P363 Wash contaminated clothing before reuse.

#### Precautionary Statement - Storage

P403+P235 – Store in a well-ventilated place.

P405 - Store locked up.

#### Precautionary Statement - Disposal

P501 - Dispose of contents/container according to legal regulation.

**This 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. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.**