

# Safety Data Sheet (SDS)

According to NO. 487/2013/EC

Printing Date: 28.07.2015

Version Number 3

Revision date: 28/07/2015

## Section 1 –Identification: Product identifier and chemical identity

### •1.1 Product identifier

•Trade name: Büst Artdeco Acrylic Spray Paint

•Product code: Y-400-985

### •1.2 Relevant identified uses of the substance or mixture and uses advised against application of the substance / the mixture Lacquer

Chrome aerosol paint for indoor and outdoor use, avoid using on dirty surface & human body, keep out reach of child

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

Manufacturer/Supplier:

Aristo Technology Corp. Ltd.

12, XINGCUN RD., XIN FENG INDUSTRIAL AREA, XIN FENG CITY, JIANGXI, CHINA

Tele-Nr. (++86)- 755-22214189

Fax-Nr. (++86)- 755-22214186

•1.4 Emergency telephone number: +86-755-22214189

## Section 2 –Hazard identification

### •2.1 Classification of the substance or mixture

•Classification according to Regulation (EC) No 487/2013



GHS02 flame

Flam. Liquid. 2 H225 Highly flammable liquid and vapor

Water-react. 2: H261 In contact with water releases flammable gas

Flam. Liq. 3, H226 Flammable liquid and vapor



GHS07

Eye Irrit. 2:H319 Causes serious eye irritation

Acute Tox. 4 \*, H332 Harmful if inhaled

Eye Irrit. 2, H319 Causes serious eye irritation



GHS09

Skin Irrit. 2, H315 Causes skin irritation

### •Information concerning particular hazards for human and environment:

The product has to be labeled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

Warning! Pressurized container.

### •Classification system:

The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

### •2.2 Label elements

•Labeling according to Regulation (EC) No 487/2013

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The product is classified and labeled according to the CLP regulation.

**•Hazard pictograms**



GHS02 GHS07 GHS09

**•Signal word** Danger

**•Hazard-determining components of labeling:**

No Data Available

**•Hazard statements**

H225 Highly flammable liquid and vapor

H226 Flammable liquid and vapor

H228 Flammable solid

H261 In contact with water releases flammable gas

H312 Harmful in contact with skin

H315 Causes skin irritation

H317 May cause an allergic skin reaction

H319 Causes serious eye irritation

H332 Harmful if inhaled

H336 May cause drowsiness or dizziness

H441 Suspected of causing genetic defects (state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard)

**•Precautionary statements**

P201 Obtain special instructions before use.

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P223 Keep away from any possible contact with water, because of violent reaction and possible flash fire.

P261 Avoid breathing dust/fume/gas/mist/vapor

P264 Wash hands thoroughly after handling.

P271 Use only outdoors or in a well-ventilated area.

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

P302 + P352 IF ON SKIN: Wash with plenty of soap and water.

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

P304 + P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

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

P312 Call a POISON CENTER or doctor/physician if you feel unwell.

P333 + P313 If skin irritation or rash occurs: Get medical advice/attention.

P335 + P334 Brush off loose particles from skin. Immerse in cool water/wrap in wet bandages.

P363 Wash contaminated clothing before reuse.

P370 + P378 In case of fire: Use water for extinction.

P402 + P404 Store in a dry place. Store in a closed container.

P403 + P235 Store in a well-ventilated place. Keep cool.

P405 Store locked up.

P501 Dispose of contents / container in accordance with regional regulations.

**•Additional information:**

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Buildup of explosive mixtures possible without sufficient ventilation.

## •2.3 Other hazards

### •Results of PBT and vPvB assessment

•PBT: Not applicable.

•vPvB: Not applicable.

## SECTION 3: Composition/information on ingredients

INGREDIENTS	Annex VI Index Number	CAS NO INDEX	ENIECS	Classification	WT(%)
Methyl Acetate	607-021-00-X	79-20-9	201-185-2	Flam. Liq. 2: H225; Eye Irrit. 2:H319; STOT SE 3:H336	14~16
Aluminum powder	013-002-00-1	7429-90-5	231-072-3	Water-react. 2: H261; Flam. Sol. 1: H228	4~6
Xylene, mixture of isomers	601-022-00-9	1330-20-7	215-535-7	Flam. Liq. 3, H226; Acute Tox. 4 *, H332; Acute Tox. 4 *, H312; Skin Irrit. 2, H315	28~32
LPG	N/A	61641-74-5	N/A	Flam. Liq. 2: H225	35~37
Resin	603-074-00-8	500-033-5	25068-38-6	Eye Irrit. 2, H319; Skin Irrit. 2, H315; Skin Sens. 1, H317; Aquatic Chronic 2, H411	12~16

### • Additional information:

The content of Benzene (EINECS-Nr. 200-753-7) in the ingredients is less than 0,1% (Note P Annex 1 67/548 EU), so the classification as carcinogen need not to apply.

For the wording of the listed risk phrases refer to section 16.

## Section 4 – First aid measures

### •4.1 Description of first aid measures

#### • General information:

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

#### • After inhalation:

Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist.

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.

• **After swallowing:** Drink plenty of water and provide fresh air. Call for a doctor immediately.

• **4.2 Most important symptoms and effects, both acute and delayed** No further relevant information available.

• **4.3 Indication of any immediate medical attention and special treatment needed**

No further relevant information available.

## Section 5 - Fire-fighting measures

### • 5.1 Extinguishing media

• Suitable extinguishing agents:

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Water spray(large fires only), foam, dry chemical or carbon dioxide.

- **For safety reasons unsuitable extinguishing agents:** Water with full jet
- **5.2 Special hazards arising from the substance or mixture** No further relevant information available.
- **5.3 Advice for firefighters -**
- **Protective equipment:** Mouth respiratory protective device.

## Section 6 - Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**

Wear protective equipment. Keep unprotected persons away.

- **6.2 Environmental precautions:**

Inform respective authorities in case of seepage into water course or sewage system.

- **6.3 Methods and material for containment and cleaning up:**

Do not flush with water or aqueous cleansing agents

Dispose contaminated material as waste according to item 13.

Ensure adequate ventilation.

- **6.4 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.

## Section 7 - Handling and Storage

- **7.1 Precautions for safe handling**

Ensure good ventilation/exhaustion at the workplace.

Open and handle receptacle with care.

- **Information about fire - and explosion protection:**

Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

- **7.2 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 packaging with pressurized containers.

- **Information about storage in one common storage facility:** Not required.

- **Further information about storage conditions:**

Do not seal receptacle gas tight.

Store in cool, dry conditions in well sealed receptacles.

Protect from heat and direct sunlight.

- **Storage class:** 2B

- **7.3 Specific end use(s)** No further relevant information available.

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## Section 8 - Exposure controls and personal protection

### 8.1 Control parameters

· Ingredients with limit values that require monitoring at the workplace:	
Methyl Acetate (CAS#79-20-9)	TWA: 606mg/m <sup>3</sup> , STEF: 760mg/m <sup>3</sup>
Aluminum powder (CAS#7429-90-5)	TWA: 5mg/m <sup>3</sup>
Xylene, mixture of isomers (CAS#1330-20-7)	TWA: 435mg/m <sup>3</sup> , STEL: 750mg/m <sup>3</sup>

### 8.2 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.

Do not inhale gases / fumes / aerosols.

Avoid contact with the skin.

Avoid contact with the eyes and skin.

#### · Respiratory protection:

Not necessary if room is well-ventilated.

Otherwise, filter class A / P2 or self contained.

#### · Protection of hands:

Protective gloves

Solvent resistant gloves

In case of contact with spray dust protective gloves made of butyl should be used (min. 0.4 mm thick), e.g.

KCL Camatril, article no. 898 or similar products

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

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

#### · Material of gloves Butyl rubber, BR

#### · Penetration time of glove material

Butyl rubber gloves with a thickness of 0.4 mm are resistant to:

Acetone: 480 min

#### · Eye protection: Safety glasses

## Section 9 - Physical and chemical properties

**Appearance:**

Viscous liquid

**Odor:**

Solvent

**Odor threshold:**

Not determined

**pH:**

Not determined

**Self-igniting**

Product is not self-igniting.

**Melting point/freezing point:**

<-20°C

**Boiling point:**

>60°C

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Flash point:	Not determined
Evaporation rate:	Not determined
Flammability (solid, gas):	Flammable
Upper/lower flammability or explosive limits:	Not determined
Vapour pressure:	Not determined
Vapour density:	Not determined
Relative density:	0.93~0.95g/cm <sup>3</sup>
Vapour density	Not determined
Solubility:	Not water soluble. Re-dispersible in aromatic solvents or ketones.
Auto-ignition temperature:	Not determined
Decomposition temperature:	Not determined
Viscosity:	Not determined
Explosive properties:	Not determined
Oxidising properties:	Not determined
Partition coefficient (n-octanol/water)	Not determined

## Section 10 - Stability and reactivity

- **10.1 Reactivity:** Stable under recommended storage and handling conditions.
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions:** No dangerous reactions known.
- **10.4 Conditions to avoid:** No further relevant information available.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:** No dangerous decomposition products known.

## Section 11 - Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity:**

Values relevant for classification:		
INGREDIENTS		
Methyl Acetate (CAS#79-20-9)	LCLo: 32000ppm/4H(Rat)	Inhalation
	LD <sub>50</sub> : 5450mg/kg(Rat)	Oral
Aluminum powder (CAS#7429-90-5)	ADI: 7mg/kg(FAO/WHO,1998)(Human)	
Xylene, mixture of isomers (CAS#1330-20-7)	LD <sub>50</sub> : 4300 mg/kg(Rat)	Oral
	LD <sub>50</sub> : 2119 mg/kg(Mice)	Oral

- **Primary irritant effect:**
- **on the skin:** Irritant to skin and mucous membranes.
- **on the eye:** No irritating effect.
- **Sensitization:** No sensitizing effects known.
- **Additional toxicological information:**

The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version:

Harmful, Irritant, Vapours have narcotic effect.

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## Section 12 - Ecological information

### • 12.1 Toxicity

• Aquatic toxicity:	
<b>1330-20-7 xylene, mixture of isomers</b>	
EC50 (24h)	>175 mg/l (bacteria)
EC50 / 48h	3.82 mg/l (daphnia magna / Wasserfloh)
EC50/72h	4.7 mg/l (pseudokirchneriella subcapitata)
LC50/96h	7.6 mg/l (oncorhynchus mykiss / Regenbogenforelle)

### • 12.2 Persistence and degradability

In humans and animals, except 3% to 6% inhalative xylene is directly exhaled, three isomers of xylene metabolize to corresponding benzoic acid (60% o-xylene, 80%~90 % of m, p-xylene), then these acids, glucuronic and glycine react. In this process, a lot of o-benzoic acid and glucuronic combine, while p-benzoic acid and glycine combined to corresponding benzoylsarcosine and excreted. At the same time, a small amount of corresponding benzenethiol (phenol) and hydrogenated 2-methyl-3-hydroxybenzoic acid (2%) form.

• 12.3 Bioaccumulative potential No further relevant information available.

• 12.4 Mobility in soil Very slow

• Additional ecological information:

• General notes:

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

### • 12.5 Results of PBT and vPvB assessment

• PBT: Not applicable.

• vPvB: Not applicable.

• 12.6 Other adverse effects No further relevant information available.

## Section 13 - Disposal considerations

### • 13.1 Waste treatment methods

#### • Recommendation

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

• European waste catalogue	
08 01 11*	waste paint and varnish containing organic solvents or other dangerous substances
15 01 04	metallic packaging
15 01 11*	metallic packaging containing a dangerous solid porous matrix (for example asbestos), including empty pressure containers

• Uncleaned packaging:

• Recommendation: Disposal must be made according to official regulations.

## Section 14 - Transport information

• 14.1 UN-Number • ADR, IMDG, IATA	UN1950
• 14.2 UN proper shipping name • ADR	UN1950 AEROSOLS



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<ul style="list-style-type: none"> <li>• IMDG</li> </ul>	AEROSOLS
<ul style="list-style-type: none"> <li>• IATA</li> </ul>	AEROSOLS, flammable
<ul style="list-style-type: none"> <li>• 14.3 Transport hazard class(es)</li> <li>• ADR</li> </ul>  <ul style="list-style-type: none"> <li>• Class</li> <li>• Label</li> </ul>	<p>2.5F Gases.</p> <p>2.1</p>
<ul style="list-style-type: none"> <li>• IMDG, IATA</li> </ul>  <ul style="list-style-type: none"> <li>• Class</li> <li>• Label</li> </ul>	<p>2.1</p> <p>2.1</p>
<ul style="list-style-type: none"> <li>• 14.4 Packing group</li> <li>• ADR, IMDG, IATA</li> </ul>	Void
<ul style="list-style-type: none"> <li>• 14.5 Environmental hazards:</li> <li>• Marine pollutant:</li> </ul>	No
<ul style="list-style-type: none"> <li>• 14.6 Special precautions for user</li> <li>• Danger code (Kemler): -</li> <li>• EMS Number:</li> </ul>	<p>Warning: Gases.</p> <p>-</p> <p>F-D,S-U</p>
<ul style="list-style-type: none"> <li>• 14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</li> </ul>	Not applicable.
<ul style="list-style-type: none"> <li>• Transport/Additional information:</li> <li>• ADR</li> <li>• Limited quantities (LQ)</li> <li>• Excepted quantities (EQ)</li> <li>• Transport category</li> <li>• Tunnel restriction code</li> <li>• IMDG</li> <li>• Limited quantities (LQ)</li> <li>• Excepted quantities (EQ)</li> </ul>	<p>1L</p> <p>Code: E0</p> <p>Not permitted as Excepted Quantity</p> <p>2</p> <p>D</p> <p>1L</p> <p>Code: E0</p> <p>Not permitted as Excepted Quantity</p>
<ul style="list-style-type: none"> <li>• UN "Model Regulation":</li> </ul>	UN1950, AEROSOLS, 2.1

## Section 15 - Regulatory information

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture .
- Waterhazard class: Water hazard class 1 (Self-assessment): slightly hazardous for water.
- 15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

## Section 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.



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## · Relevant phrases

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H226 Flammable liquid and vapor

H228 Flammable solid

H261 In contact with water releases flammable gas

H312 Harmful in contact with skin

H315 Causes skin irritation

H317 May cause an allergic skin reaction

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H441 Suspected of causing genetic defects (state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard)

P201 Obtain special instructions before use.

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P223 Keep away from any possible contact with water, because of violent reaction and possible flash fire.

P261 Avoid breathing dust/fume/gas/mist/vapor

P264 Wash hands thoroughly after handling.

P271 Use only outdoors or in a well-ventilated area.

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

P302 + P352 IF ON SKIN: Wash with plenty of soap and water.

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

P304 + P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

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

P312 Call a POISON CENTER or doctor/physician if you feel unwell.

P333 + P313 If skin irritation or rash occurs: Get medical advice/attention.

P335 + P334 Brush off loose particles from skin. Immerse in cool water/wrap in wet bandages.

P363 Wash contaminated clothing before reuse.

P370 + P378 In case of fire: Use water for extinction.

P402 + P404 Store in a dry place. Store in a closed container.

P403 + P235 Store in a well-ventilated place. Keep cool.

P405 Store locked up.

P501 Dispose of contents / container in accordance with regional regulations.

· **Contact:** Dipl.-Chem. G. Heller oder Dipl.-Ing. U. Voetter

## · 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)

IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)

ICAO: International Civil Aviation Organization

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

IATA: International Air Transport Association

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

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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)

VOC: Volatile Organic Compounds (USA, EU)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

Flam. Gas 1: Flammable gases, Hazard Category 1

Flam. Aerosol 1: Flammable aerosols, Hazard Category 1

Flam. Liq. 2: Flammable liquids, Hazard Category 2

Flam. Liq. 3: Flammable liquids, Hazard Category 3

Acute Tox. 4: Acute toxicity, Hazard Category 4

Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2

STOT RE 3: Specific target organ toxicity - Repeated exposure, Hazard Category 3

ADI: Acceptable daily intake