SAFETY DATA SHEET

According to: Regulation 453/2010 / EC of 20 May 2010 amending Regulation 1907/2006 / EC (REACH) as amended

1K SPECIAL BASECOAT M9-0105.0, M9-0459.0, M9-0306.0

SECTION 1. IDENTIFICATION OF ~~SUBSTANCE~~/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier:	1K Special Basecoat M9-0105.0, M9-0459.0, M9-0306.0 Contains: Butyl acetate, Solvent naphtha
1.2 Relevant identified uses of the ~~substance or~~ mixture and uses advised against:	One component special lacquer for industry varnishing No data.
1.3 Details of the supplier of the safety data sheet:	Multichem Sp. z o.o., ul. Przemysłowa 2, 62-032 Luboń, tel. +48 61 893 37 31, fax +48 61 893 37 32, e-mail: info@multichem.pl
1.4 Emergency telephone phone number:	tel. +48 61 893 37 31
1.5 Person responsible for SDS:	info@multichem.pl

SECTION 2. HAZARDS IDENTIFICATION

2.1 Classification of the ~~substance or~~ mixture
The product was classified as dangerous according to Regulation 1272/2008/EC
Classification:
Flam. Liq. 3, H226
Skin Irrit. 2 H315
Eye Irrit. 2 H319
STOT SE 3 H336
Aquatic Chronic 3 H412

2.2 Label elements
Hazard pictograms:
According to Regulation 1272/2008/EC

Signal word : WARNING

Hazard statements:
H226 Flammable liquid and vapour
H315 Causes skin irritation
H319 Causes serious eye irritation.
H336 May cause drowsiness or dizziness.
EUH066 Repeated exposure may cause skin dryness or cracking

Precautionary statements:
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P260 Do not breathe vapours/spray.
P273 Avoid release to the environment.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing..
P501 Dispose of contents/container to an authorized waste collection point.

VOC:	2004/42/WE IIB(e) (840) < 840

2.3 Other hazards – no available

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances – no applicable
3.2 Mixtures

Index number	Chemical Name	WE Number	CAS Number	Classification of substance according to CLP	Mark of substance	Weight	Registration Number
607-025-00-1	Butyl acetate	204-658-1	123-86-4	Flam. Liq. 3 H226 STOT SE 3 H336	GHS02 GHS07 Wng	40 – 50%	01-2119485493-29-XXXX

					H226, H336, EUH066		
601-022-00-9	Xylene	215-535-7	1330-20-7	Flam. Liq. 3 H226 Acute Tox. 4 * H332 Acute Tox. 4 * H312 Skin Irrit. 2 H315	GHS02 GHS07 Wng H226, H312, H315, H332	0 – 10%	01-2119488216-32-XXXX
603-004-00-6	n-Butanol	200-751-6	71-36-3	Flam. Liq. 3 H226 Acute Tox. 4 * H302 STOT SE 3 H335 Skin Irrit. 2 H315 Eye Dam. 1 H318 STOT SE 3 H336	GHS02 GHS05 GHS07 Dgr H226, H302, H335 ,H315, H318, H336	0 – 8%	01-2119484630-38-XXXX
649-356-00-4	Solvent naphtha	265-199-0	64742-95-6	Flam. Lig. 3 H226 Asp. Tox. 1 H304 STOT SE 3 H335 STOT SE 3 H336 Aquatic Chronic 2 H411	GHS02 GHS07 GHS08 GHS09 Dgr H226, H304, H335, H336, H411	0 – 8%	01-2119455851-35-XXXX

SECTION 4. FIRST AID MEASURES

4.1 Description of first aid measures

General information: See 11 point SDS

Inhalation: Move to fresh air, ensure quiet and warmth, seek medical advice.

Eyes contact: Do not close the eye, rinse with plenty of water (protect) healthy eye, remove contact lenses, seek medical advice.

Skin contact: Immediately remove all contaminated clothing, wash with plenty of water with soap, seek medical advice.

Ingestion: Wash out mouth thoroughly with water. Do not induce the vomiting.

4.2 Most important symptoms and effects, both acute and delayed: Seek medical advice.

4.3 Indication of any immediate medical attention and special treatment needed: Seek medical advice.

SECTION 5. FIREFIGHTING MEASURES

5.1 Extinguishing media:

Suitable extinguishing media: Water, vaporised water, foam, CO_2.

Unsuitable extinguishing media: Tight stream of water.

5.2 Special hazards arising from the ~~substance or~~ mixture: Under the influence of high temperature may produce CO, CO_2 vapours.

5.3 Advice for firefighters: Firemen have to wear self-contained breathing apparatus and protective clothing. Cool adjacent tanks by spraying water from a safe distance.

SECTION 6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures:

For non-emergency personnel: Remove ignition sources. Provide for sufficient ventilation. Avoid direct contact with releasing substance (vapours). Avoid contact with eyes and skin. Get acquainted with safety conditions (see point 7 and 8 SDS).

For emergency responders:

6.2 Environmental precautions: Keep away from drains, surface-water, ground-water and soil.

6.3 Methods and material for containment cleaning up: Poured substance should be absorbed with non-flammable materials: sand, silica, special granulated products. Keep to a minimum efflux area. Collect discards, store according to regulations (see point 13 SDS).

SECTION 7. HANDLING AND STORAGE

7.1 Precautions for safe handling: Keep away from heat; keep away from sources of ignition – do not smoke, do not eat, do not drink, do not breathe vapour, avoid contact with skin and eyes. Do not empty under pressure. Use only original tanks.

7.2 Conditions for storage, including any Normal precautions taken when handling flammable substances. Store in hermetically

incompatibilities:	closed containers In temp. 5-25°C. Place of storage should be dry. Protect from heat. Do not store near to sources of ignition.
7.3 Specific end use(s):	One component lacquer for industry varnishing.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Limit values for Xylene	TLV: 100 ppm as TWA 150 ppm as STEL A4 (ACGIH 2001). BEI (ACGIH 2001). EU Limit Values: 50 ppm 221 mg/m^3 (8 hours) 100 ppm 442 mg/m^3 (short-term) skin
Limit values for n-Butanol:	TLV: 20 ppm as TWA (ACGIH 2005). MAK: 100 ppm 310 mg/m^3
Limit values for Butyl acetate:	TLV: 150 ppm as TWA 200 ppm as STEL (ACGIH 2003). MAK: 100 ppm 480 mg/m^3

8.2 Exposure controls

Respiratory protection:	Gas mask with “A” type absorbing canister.
Hands protection:	Protective gloves for handling solvents (nitrile rubber).
Eyes protection:	Protective glasses.
Skin protection:	Suitable protective clothing.
Workplace:	Topical stays and exhausting ventilation.

SECTION 9. PHISICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical state:	**Autoignition point:**
liquid	no data
Colour:	**Vapour pressure:**
various	no data
Odour:	**Explosion limits:**
typical mixture of solvents	no data
pH:	**Density:**
no data	0,958 – 0,966 g/cm^3
Boiling point:	**Water solubility:**
> 117°C	very poor
Melting point:	**Octanol/Water partition coeff:**
no data	no data
Flash point:	**Viscosity:**
< 0°C	90 – 100” Ford Cup DIN 4
9.2 Other information	VOC ready for use content: M9-0105 – 653,8 g/l M9-0459 – 645,1 g/l M9-0306 – 655,15 g/l

SECTION 10. STABILITY AND REACTIVITY

10.1 Reactivity:	No data
10.2 Stability:	If handled according to the section 7 product is stable.
10.3 Possibility of hazardous reactions:	No data
10.4 Avoid contact with:	Strong acids and basis, oxidizers, high temperature, peroxides.
10.5 Materials to be avoided:	No data
10.6 Hazardous decomposition products:	Incomplete combustion will produce CO, CO2 and polyaromates.

SECTION 11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects:

There are no data on the toxicity of this product.

Toxicity for Xylene:	LD_{50} (rat, oral) – 4300 mg/kg LC_{50} (rat, inhalation) – 22100 mg/m^3 (4 h) LD_{50} (rabbit, rat, skin) – no data
Toxicity for n-Butanol:	LD_{50} (rat, oral) – 790 mg/kg LC_{50} (rat, inhalation) – 17,76 mg/l (6h)

	LD_{50} (rabbit, skin) – 3400 mg/kg
Toxicity for Butyl acetate:	LD_{50} (rat, oral) – 6400 mg/kg LC_{50} (rat, inhalation) – 9,6 mg/l (4h) LD_{50} (rabbit, skin) – >5000 mg/kg
Toxicity for Solvent naphtha:	LD_{50} (rat, oral) > 5000 mg/kg LC_{50} (rat, inhalation) > 5,2 mg/l (4h) LD_{50} (rat, skin) > 3750 mg/kg
Irritating effect:	Skin: irritating and dryness Eyes: irritating
Symptoms of poisoning:	Headaches, discomfort, tiredness, sleepiness, vomiting or may narcotise, muscle failure, partial or total loss of consciousness.

SECTION 12. ECOLOGICAL INFORMATION

There are no data on the ecotoxicity of this product.

12.1 Toxicity:

Xylene acute toxicity for:	(LC_{50}/96 h) fish - 13500-17300 mg/l (LC_{50}/48h) crustacea – 600 mg/l
n-Butanol acute toxicity for:	(LC_{50}/96 h) fish – 1630 mg/l (EC_{50}/48h) crustacea – 1983 mg/l
Butyl acetate acute toxicity for:	(LC_{50}/96 h) fish – 62 mg/l (EC_{50}/48h) crustacea – 32 mg/l
Solvent naphtha acute toxicity for:	(LC_{50}/96 h) fish – 82 mg/l (EC_{50}/48h) crustacea – 6,14 mg/l
12.2 Persistence and degradability:	No data available
12.3 Bioaccumulative potential:	No data available
12.4 Mobility in soil:	No data available
12.5 Results of PBT assessment:	No data available
12.6 Other adverse effects:	No data available

The product is very poorly soluble in water. Do not allow to enter the sewage system, soil, or water reservoirs – inform the local authorities.

SECTION 13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Recommendation:	Product must be disposed of by special means in accordance with local regulations.
Remains of product:	Remains of product in the tin should be carefully remove and leave to dry (only in well ventilated places). Remains should be dried in small portions far from flammable substance. Dried product is not harmful waste. Code of waste: 08 01 11* Do not spill into drainage systems.
Clean tin:	Tin carefully clean is not harmful waste. Code of waste : 15 01 02 Spent packages dispose for authorized receiver who has adequate permission for waste management.
Tin partly empty:	See remains of products.

SECTION 14. TRANSPORT INFORMATION

14.1 UN number:	1263
14.2 UN proper shipping name:	PAINT
14.3Transport hazard class(es):	3
14.4 Packaging group:	II
14.5 Environmental hazards:	No applicable
14.6 Special precautions for user:	Land transport: ADR/RID: Classification code: F1 Tunnels: D1E Sea transport IMDG: EmS: F-E, S-E
14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:	No applicable

SECTION 15. REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislations specific for the ~~substance or~~ mixture

67/548/EWG (2006/121/WE)
91/155/EWG (2001/58/WE)
1999/45/EC (2006/8/WE)
1991/322/EWG
2000/39/WE
2006/15/WE
2006/1907/WE (REACH)
2004/42/WE
2008/1272/WE (CLP)
Other regulations: ADR (2007-2009), IMDG Code 2006 Edition.

15.2 Chemical safety assessment – no chemical safety assessment has been carried out.

SECTION 16. OTHER INFORMATION
Full text of phrases from 3 point SDS according to CLP
H226 Flammable liquid and vapour
H302 Harmful if swallowed
H304 May be fatal if swallowed and enters airways.
H312 Harmful in contact with skin
H315 Causes skin irritation
H318 Causes serious eye damage
H332 Harmful if inhaled
H335 May cause respiratory irritation
H336 May cause drowsiness or dizziness
H411 Toxic to aquatic life with long lasting effects.
EUH066 Repeated exposure may cause skin dryness or cracking
Flam. Liq. 3 Flammable liquid category 3
STOT SE 3 Specific target organ toxicity – single exposure category 3
Acute Tox. 4* Acute toxicity category 4
Skin Irrit. 2 Skin irritation category 2
Eye Dam.1 Serious eye damage category 1
Aquatic Chronic 2 Hazardous to the aquatic environment category 2
Asp. Tox. 1 Aspiration hazard Category

The data contained in this Safety Data Sheet are based on our available knowledge at the last revision date. The data contained in this Safety Data Sheet give the conditions of safe use and storage of the product; this document does not give any guarantee as to the properties of the product.
Revision information: Sections -
All persons whose work is related to the mixture should receive a proper training in safety, hygiene and legal requirements related to a mixture in compliance with their responsibilities.