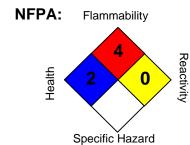
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## HMIS III:

HEALTH	2
FLAMMABILITY	4
PHYSICAL	0

0 = Insignificant, 1 = Slight, 2 = Moderate, 3 = High, 4 = Extreme

#### SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name MSDS Number Product Use Description Distributed By	: : :	2K GLAMOUR HIGH GLOSS CLEAR COAT 888100004254 Solvent-borne coatings, Primers The Easthill Group dba/ The Eastwood Company 263 Shoemaker Road Pottstown, PA 19464
Telephone Telefax Emergency telephone number	:	USA & Canada: 800-345-1178; Outside USA: 610-323-2200 610-323-6269 Chem_Trec_800-424-9300

#### **SECTION 2. HAZARDS IDENTIFICATION**

Emergency Overview	
Regulatory status	: This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).
Signal Word Form Odour Odour - Control parameters Hazard Summary	<ul> <li>DANGER</li> <li>aerosol</li> <li>characteristic</li> <li>no data available</li> <li>Flammable aerosol Irritant</li> <li>May cause fire.</li> <li>Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50°C / 122 °F.</li> <li>Sensitiser</li> <li>Possible cancer hazard - may cause cancer</li> </ul>

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Potential Health Effects	
Skin	<ul> <li>May cause skin irritation.</li> <li>May cause allergic skin reaction.</li> <li>May be harmful if absorbed through skin.</li> </ul>
Eyes	: May cause eye irritation.
Inhalation	: May cause allergic respiratory reaction. Causes respiratory tract irritation.
Target Organs	: Eyes Skin Respiratory system
Carcinogenicity:	
ACGIH	: ethylbenzene (CAS-No.: 100-41-4) 2-butoxyethyl acetate; butylglycol acetate (CAS-No.: 112-07- 2)
NTP	: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
IARC	: ethylbenzene (CAS-No.: 100-41-4)
OSHA	: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.
CA Prop 65	: WARNING! This product contains a chemical known to the State of California to cause cancer.
	: WARNING! This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.

#### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS-No.	Weight percent	

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dimethyl ether	115-10-6	>= 35 - < 40
acetone	67-64-1	>= 20 - < 25
n-butyl acetate	123-86-4	>= 10 - < 12.5
Hexamethylene-di-isocyanate, polymer	28182-81-2	>= 5 - < 7
xylene	1330-20-7	>= 3 - < 5
low boiling point naphtha - unspecified	64742-95-6	>= 1.5 - < 2
2-methoxy-1-methylethyl acetate	108-65-6	>= 1 - < 1.5
1,2,4-trimethylbenzene	95-63-6	>= 1 - < 1.5
2-butoxyethyl acetate; butylglycol acetate	112-07-2	>= 1 - < 1.5
ethylbenzene	100-41-4	>= 0.75 - < 1

### **SECTION 4. FIRST AID MEASURES**

General advice	an unco unwell, s possible	ut of dangerous area. Never give anything by mouth to nscious person. In the case of accident or if you feel seek medical advice immediately (show the label where b). When symptoms persist or in all cases of doubt seek advice. Take off all contaminated clothing immediately.
Inhalation	breathin	e to fresh air. Keep patient warm and at rest. If g is irregular or stopped, administer artificial on. If symptoms persist, call a physician.
Skin contact		ff immediately with soap and plenty of water. Do NOT vents or thinners.
Eye contact		e contact lenses. In the case of contact with eyes, rinse ately with plenty of water and seek medical advice.
Ingestion	recovery	on vomits when lying on his back, place him in the y position. If swallowed, seek medical advice ately and show this container or label. Do NOT induce g.

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

Form Ignition temperature	:	aerosol 235 °C (455 °F)
Lower explosion limit	:	1.2 %(V)
Upper explosion limit	:	18.6 %(V)
Suitable extinguishing media	:	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Print Date: 08/15/2010 Revision Date : 08/11/2010 Trade name: 2K GLAMOUR HIGH GLOSS CLEAR COAT Part number: Version: 5.0 3 680 061 Extinguishing media which : High volume water jet shall not be used for safety reasons Specific hazards during fire : Fire will produce dense black smoke containing hazardous fighting combustion products (see section 10). Do not use a solid water stream as it may scatter and spread fire. Special protective Use personal protective equipment. • equipment for fire-fighters Wear self contained breathing apparatus for fire fighting if necessary. Further information Use water spray to cool unopened containers. Exposure to decomposition products may be a hazard to health. Standard procedure for chemical fires. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

#### SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions	:		
Environmental precautions	:	Avoid subsoil per	ntaminates rivers and lakes or drains inform
Methods for cleaning up	:	material, (e.g. sa	ect spillage with non-combustible absorbent nd, earth, diatomaceous earth, vermiculite) tainer for disposal according to local / national
CERCLA Hazardous substances and corresponding RQs	÷	67-64-1	5,000 lbs <i>final RQ</i>
		123-86-4	5,000 lbs <i>final RQ</i>
		1330-20-7	100 lbs <i>final RQ</i>
		100-41-4	1,000 lbs <i>final R</i> Q
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### SECTION 7. HANDLING AND STORAGE

Handling		
Handling	:	Do not breathe vapours or spray mist. Avoid contact with skin and eyes. Take precautionary measures against static discharges. Prevent the creation of flammable or explosive concentrations of vapour in air and avoid vapour concentration higher than the occupational exposure limits. Limit the stocks at work place. Do not spray on a naked flame or any other incandescent material. Use only in well-ventilated areas. For personal protection see section 8.
Advice on protection against fire and explosion	:	Keep away from heat and sources of ignition. Do not smoke. Vapours may form explosive mixtures with air. Vapours are heavier than air and may spread along floors. Electrical equipment should be protected to the appropriate standard.
Dust explosion class	:	not applicable
Storage		
Requirements for storage areas and containers	:	BEWARE: Aerosol is pressurized. Keep away from direct sun exposure and temperatures over 50 °C / 122 °F. Do not open by force or throw into fire even after use. Do not spray on flames or red-hot objects. Please observe the storage instructions for aerosols!
Advice on common storage	:	Keep away from food, drink and animal feedingstuffs. Keep away from oxidising agents and strongly acid or alkaline materials.
Other data	:	No decomposition if stored and applied as directed.

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### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### **Exposure Guidelines**

Components	CAS-No.	List	Туре:	Value	Update
dimethyl ether	115-10-6	US WEEL	TWA	1,000 ppm	2008-01-01
acetone	67-64-1	ACGIH	TWA	500 ppm	2007-01-01
		ACGIH	STEL	750 ppm	2007-01-01
		OSHA P0	TWA	750 ppm 1,800 mg/m3	1989-01-19
		OSHA P0	STEL	1,000 ppm 2,400 mg/m3	1989-01-19
		OSHA P1	TWA	1,000 ppm 2,400 mg/m3	1997-08-04
n-butyl acetate	123-86-4	ACGIH	TWA	150 ppm	2007-01-01
		ACGIH	STEL	200 ppm	2007-01-01
		OSHA P0	TWA	150 ppm 710 mg/m3	1989-01-19
		OSHA P0	STEL	200 ppm 950 mg/m3	1989-01-19
		OSHA P1	TWA	150 ppm 710 mg/m3	1997-08-04
xylene	1330-20-7	ACGIH	TWA	100 ppm	2007-01-01
		ACGIH	STEL	150 ppm	2007-01-01
		OSHA P1	TWA	100 ppm 435 mg/m3	1997-08-04
		OSHA P0	TWA	100 ppm 435 mg/m3	1989-01-19
		OSHA P0	STEL	150 ppm 655 mg/m3	1989-01-19
low boiling point naphtha - unspecified	64742-95-6	OSHA P1	TWA	500 ppm 2,000 mg/m3	2007-01-01
		OSHA P0	TWA	400 ppm 1,600 mg/m3	1989-01-19
2-methoxy-1-methylethyl acetate	108-65-6	US WEEL	TWA	50 ppm	2008-01-01
2-butoxyethyl acetate; butylglycol acetate	112-07-2	ACGIH	TWA	20 ppm	2007-01-01

Engineering measures	:	Provide adequate ventilation.
Eye protection	:	Safety glasses
Hand protection	:	Choose gloves to protect hands against chemicals depending on the concentration and quantity of the hazardous substance and specific to place of work. For special applications, we recommend clarifying the resistance to chemicals of the aforementioned protective gloves with the glove manufacturer.

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Skin and body protection	: impervious clothing	
Respiratory protection	<ul> <li>In case of insufficient ventilation, wear suitable respiratory equipment.</li> <li>Respirator with filter type ABEK</li> </ul>	
Hygiene measures	<ul> <li>Do not inhale aerosol.</li> <li>When using do not eat, drink or smoke.</li> <li>Avoid contact with skin, eyes and clothing.</li> <li>Wash hands before breaks and at the end of workday.</li> <li>Wash contaminated clothing before re-use.</li> <li>Handle in accordance with good industrial hygiene and safety practice.</li> <li>General industrial hygiene practice.</li> </ul>	

#### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Form	: aerosol	
Odour	: characteristic	
Ignition temperature	: 235 °C (455 °F)	
Thermal decomposition	: Heating can release hazardous gases., Fire or intense heat may cause violent rupture of packages.	
Lower explosion limit	: 1.2 %(V)	
Upper explosion limit	: 18.6 %(V)	
Melting point/range	: no data available	
Boiling point/boiling range	: not applicable	
Vapour pressure	: 3,400 hPa at 20 °C (68 °F)	
Density	: no data available	
Water solubility	: partly miscible	

Print Date: 08/15/2010 Revision Date : 08/11/2010 Trade name: 2K GLAMOUR HIGH GLOSS CLEAR COAT Part number: Version : 5.0 3 680 061 Volatile organic compounds : 60.99 % (VOC) content SECTION 10. STABILITY AND REACTIVITY Conditions to avoid : Heat, flames and sparks. Materials to avoid : Strong acids and strong bases Oxidizing agents Hazardous decomposition : Carbon dioxide (CO2), carbon monoxide (CO), oxides of nitrogen (NOx), dense black smoke. products : Heating can release hazardous gases. Fire or intense heat Thermal decomposition may cause violent rupture of packages.

Hazardous reactions	: Vapours may form explosive mixture with air. Note: No decomposition if used as directed.
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#### SECTION 11. TOXICOLOGICAL INFORMATION

Acute inhalation toxicity	:	Irritating to respiratory system.
Skin irritation	:	Repeated or prolonged contact with the mixture may cause removal of natural fat from the skin resulting in desiccation of the skin.
Eye irritation	:	The liquid splashed in the eyes may cause irritation and reversible damage. Strong lachrymation can make it difficult to escape.
Carcinogenicity Reproductive toxicity Teratogenicity Further information	:	No data is available on the product itself. No data is available on the product itself. No data is available on the product itself. Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea. Liver and kidney injuries may occur. Even the smallest quantities that enter into the lung due to swallowing or subsequent vomiting can lead to a pulmonary oedema or pneumonia.

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Component: dimethyl ether	115-10-6	<u>Acute inhalation toxicity:</u> LC50 rat Dose: 309 mg/l Exposure time: 4 h
		<u>Acute inhalation toxicity:</u> LC50 rat Exposure time: 4 h
acetone	67-64-1	<u>Acute oral toxicity:</u> LD50 rat Dose: 5,800 mg/kg
		<u>Acute dermal toxicity:</u> LD50 rabbit Dose: 20,000 mg/kg
		<u>Acute inhalation toxicity:</u> LC50 rat Dose: 70 mg/l Exposure time: 4 h
		<u>Skin irritation:</u> Classification: Irritating to skin. Result: Mild skin irritation Repeated or prolonged contact with the mixture may cause removal of natural fat from the skin resulting in desiccation of the skin. <u>Eye irritation:</u> Classification: Irritating to eyes. Result: Moderate eye irritation
n-butyl acetate	123-86-4	<u>Acute oral toxicity:</u> LD50 rat Dose: 13,100 mg/kg
		<u>Acute dermal toxicity:</u> LD50 rabbit Dose: > 14,100 mg/kg
		<u>Acute inhalation toxicity:</u> LC50 rat Dose: 21 mg/l Exposure time: 4 h
		Skin irritation: Result: Mild skin irritation
		Eve irritation: Result: Mild eye irritation
Hexamethylene-di-isocyanate, polymer	28182-81-2	<u>Acute oral toxicity:</u> LD50 rat Dose: > 10,000 mg/kg
		Acute inhalation toxicity: LD50 rat Dose: 0.1 - 1.2 g/m3 Exposure time: 4 h Isocyanates may cause acute irritation and/or sensitisation of the respiratory system leading to tightness of the chest, wheeziness and an asthmatic condition. <u>Sensitisation</u> : May cause sensitization by inhalation. May cause sensitization by skin contact.
xylene	1330-20-7	Acute oral toxicity: LD50 rat

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		Dose: 2,840 mg/kg
		<u>Acute dermal toxicity:</u> LD50 rabbit Dose: ca. 4,500 mg/kg
		<u>Acute inhalation toxicity:</u> LC50 rat Dose: 28 mg/l Exposure time: 4 h
		<u>Skin irritation:</u> Classification: Irritating to skin. Result: Mild skin irritation Repeated or prolonged exposure may cause skin irritation and dermatitis, due to degreasing properties of the product. <u>Eye irritation:</u> Classification: Irritating to eyes. Result: Mild eye irritation
low boiling point naphtha - unspecified	64742-95-6	<u>Acute oral toxicity:</u> LD50 rat Dose: 6,800 mg/kg
		<u>Acute dermal toxicity:</u> LD50 rat Dose: > 3,400 mg/kg
		<u>Acute inhalation toxicity:</u> Irritating to respiratory system. <u>Skin irritation:</u> Result: Mild skin irritation
2-methoxy-1-methylethyl acetate	108-65-6	<u>Acute oral toxicity:</u> LD50 mouse Dose: 8,532 mg/kg
		<u>Acute dermal toxicity:</u> LD50 rabbit Dose: 7,500 mg/kg
		<u>Eye irritation:</u> Classification: Irritating to eyes. Result: Mild eye irritation
1,2,4-trimethylbenzene	95-63-6	<u>Acute inhalation toxicity:</u> LC50 rat Dose: 18 mg/l Exposure time: 4 h Irritating to respiratory system. <u>Skin irritation:</u> Classification: Irritating to skin. Result: Skin irritation
		<u>Eye irritation:</u> Classification: Irritating to eyes. Result: Eye irritation
2-butoxyethyl acetate; butylglycol acetate	112-07-2	<u>Acute oral toxicity:</u> LD50 rat Dose: 2,400 mg/kg
		<u>Acute dermal toxicity:</u> LD50 rabbit Dose: 1,500 mg/kg
		<u>Eve irritation:</u> Classification: Irritating to eyes. Result: Mild eye irritation

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 ethylbenzene
 100-41-4
 Acute oral toxicity: LD50 rat Dose: 3,500 mg/kg

 Acute dermal toxicity: LD50 rabbit Dose: 15,500 mg/kg
 Acute inhalation toxicity: LC50 rat Dose: 18 mg/l Exposure time: 4 h

 Skin irritation: Classification: Irritating to skin. Result: Mild skin irritation
 Skin irritation: Classification: Irritating to eyes. Result: Mild skin irritation

### **SECTION 12. ECOLOGICAL INFORMATION**

Adsorbed organic bound	: not included			
halogens (AOX) Volatile organic compounds	: 60.99 %			
(VOC) content Additional ecological information	: The product should not be allowed to enter drains, water courses or the soil.			
Component: acetone	67-64-1	<u>Toxicity to fish:</u> LC50 Species: Oncorhynchus mykiss (rainbow trout) Dose: 5,540 mg/l Exposure time: 96 h		
		Acute and prolonged toxicity for aquatic invertebrates: EC50 Species: Daphnia magna (Water flea) Dose: 6,100 mg/l Exposure time: 48 h		
n-butyl acetate	123-86-4	Acute and prolonged toxicity for aquatic invertebrates: EC50 Species: Daphnia magna (Water flea) Dose: 72.8 mg/l Exposure time: 24 h		
		<u>Toxicity to bacteria:</u> EC50 Species: Pseudomonas putida Dose: 959 mg/l		
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		Exposure time: 18 h
xylene	1330-20-7	<u>Toxicity to fish:</u> LC50 Species: Oncorhynchus mykiss (rainbow trout) Dose: 8.2 mg/l Exposure time: 96 h
		Acute and prolonged toxicity for aquatic invertebrates: EC50 Species: Daphnia magna (Water flea) Dose: 75.5 mg/l Exposure time: 24 h
1,2,4-trimethylbenzene	95-63-6	<u>Toxicity to fish:</u> LC50 Species: Pimephales promelas (fathead minnow) Dose: 7.72 mg/l Exposure time: 96 h
		<u>Acute and prolonged toxicity for aquatic invertebrates:</u> EC50 Species: Daphnia Dose: 3.6 mg/l Exposure time: 48 h
ethylbenzene	100-41-4	<u>Toxicity to fish:</u> LC50 Species: Carassius auratus (goldfish) Dose: 94.44 mg/l Exposure time: 96 h
		Acute and prolonged toxicity for aquatic invertebrates: LC50 Species: Daphnia magna (Water flea) Dose: 77 mg/l Exposure time: 24 h
		<u>Toxicity to algae:</u> EC50 Species: Chlorella vulgaris (Fresh water algae) Dose: 63 mg/l Exposure time: 3 h

## SECTION 13. DISPOSAL CONSIDERATIONS

Adequate disposal	In accordance with local and national regulations.
	Please ensure aerosol cans are sprayed completely empty
	(including propellant)
	Containers that have not been emptied in compliance with

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regulations are regarded as hazardous waste.

#### **SECTION 14. TRANSPORT INFORMATION**

#### DOT 49 CFR

Proper shipping name	: Aerosols
ID No	: UN 1950
Class	: 2.1
Packing group	:
Labels	: 2.1
Emergency Response	: 126
Guidebook Number	

#### TDGR

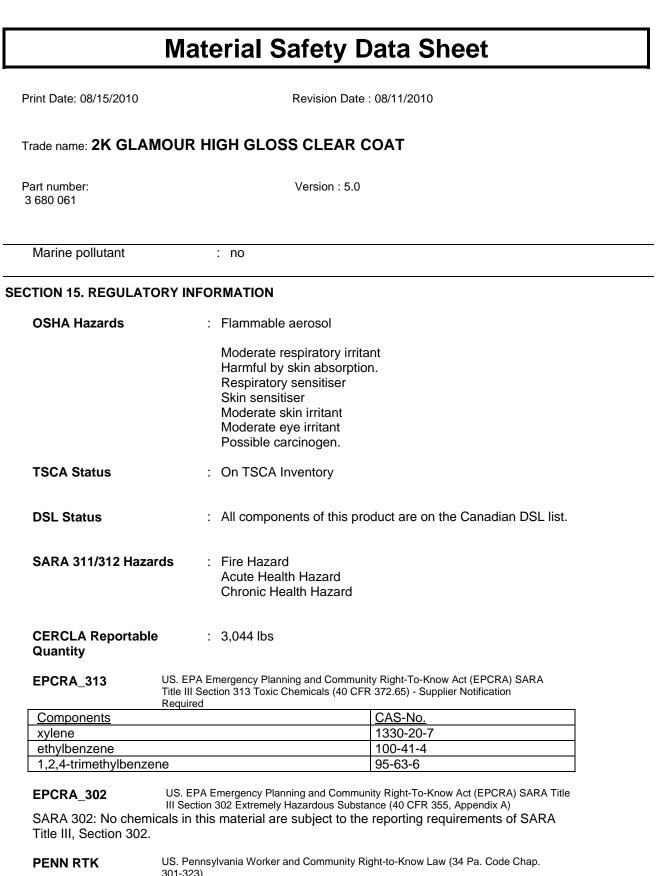
Proper shipping name	: AEROSOLS
ID No	: UN 1950
Class	: 2.1
Packing group	:
Labels	: 2.1
Emergency Response	: 126
Guidebook Number	

## ICAO / IATA-DGR

ID No	: UN 1950
Description of the goods	: Aerosols, flammable
Class	: 2.1
ICAO-Labels	: 2.1
Packing instruction (cargo	: 203
aircraft)	
Packing instruction	: 203
(passenger aircraft)	
Packing instruction	: Y203
(passenger aircraft)	

#### IMDG-Code

ID No	: UN 1950
Description of the goods	: AEROSOLS
Class	: 2.1
IMDG-Labels	: 2.1
EmS Number 1	: F-D
EmS Number 2	: S-U



CAS-No.
67-64-1
123-86-4
1330-20-7
-

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1,2,4-trimethylbenzene	95-63-6	
dimethyl ether	115-10-6	
low boiling point naphtha - unspecified	64742-95-6	
Hexamethylene-di-isocyanate, polymer	28182-81-2	
polyacrylic resin		

#### MASS RTK

US. Massachusetts Commonwealth's Right-to-Know Law (Appendix A to 105 Code of Massachusetts Regulations Section 670.000)

<u>Components</u>	CAS-No.
acetone	67-64-1
n-butyl acetate	123-86-4
xylene	1330-20-7
1,2,4-trimethylbenzene	95-63-6
dimethyl ether	115-10-6

#### NJ RTK

US. New Jersey Worker and Community Right-to-Know Act (New Jersey Statute

Annotated Section 34:5A-5)	
Components	CAS-No.
acetone	67-64-1
n-butyl acetate	123-86-4
xylene	1330-20-7
ethylbenzene	100-41-4
1,2,4-trimethylbenzene	95-63-6
2-butoxyethyl acetate; butylglycol acetate	112-07-2
dimethyl ether	115-10-6
Hexamethylene-di-isocyanate, polymer	28182-81-2
polyacrylic resin	

**California Prop. 65** : WARNING! This product contains a chemical known to the State of California to cause cancer.

WARNING! This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.

## SECTION 16. OTHER INFORMATION

#### **Further information**

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

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may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

Prepared by	:	TechniData BCS GmbH Birlenbacher Str. 19 D-57078 Siegen Germany Telephone: +49-(0)271-88072-0
Revision Date	:	08/11/2010