JCP CONSTRUCTION PRODUCTS

B3 Expanding Foam

Data Sheet

Base	Polyurethane
Consistency	Stable Foam, Thixotropic
Curing system	Moisture Cure
Skin Formation (20°C/65%R.H.)	Ca. 8 minutes
Drying Time (20°C/65%R.H.)	Dust free after 20-25 minutes
Curing Rate (20°C/65%R.H.)	1 Hour for 30mm bead
Yield	1000ml yields 35-40 L cured foam
Shrink	None
Post expansion	None
Cellular Structure	Ca. 70-80% closed cells
Specific Gravity	Ca. 25kg/m³ (extruded, fully cured)
Temperature Resistance	-40°C to +90°C when cured
Colour	Champagne
Fire Class (DIN4102 Part2)	B3
Insulation Factor	Ca. 32 mW/m. K
Shear Strength (DIN53427)	17 N/cm²
Pressure Strength (DIN534210	3 N/cm²
Bowing Strength (DIN53423)	7 N/cm²
Water Absorption (DIN53429)	1% Vol.
Acoustic Rating	$R_{ST,W}$ = 58dB

Product

JCP B3 Foam with CFC free propellant is a one component, self-expanding, ready to use polyurethane foam. It contains CFC free propellants which are completely harmless to the ozone layer.

Application Areas

Installing of window and door frames.
Filling of cavities
Sealing of all openings in roof construction
Creation of a soundproof screen
Sealing around pipes and cables
Improving thermal insulation in cooling systems

Characteristics

- Excellent adhesion on most substrates (except PTFE, PE and PP)
- High thermal and acoustic insulation
- Very good filling capacities
- Excellent mounting capacities
- Excellent stability (no shrink or post expansion)
- Very precise application as gun applied system

Packaging

Aerosol can 750ml net

Shelf Life

12 months in unopened packaging in a cool and dry storage place at temperatures between +5°C and +25°C.

Always store can with valve pointing upwards

SALES OFFICES

Dartford	*01322 277733*	*Stone*	*01785 819819*
Elland	*01422 370121*	*Swindon*	*01793 527829*
Milton Keynes	*01908 330050*		

HEXSTONE LIMITED

JCP Construction Products, Unit 14 Teddington Business Par, Station Rd, Teddington, Middlesex TW11 9BQ
Tel. 020 8943 1800 Fax 020 8943 1140 Website www.jcpfixings.co.uk

JCP CONSTRUCTION PRODUCTS

B3 Expanding Foam

Application

Shake the aerosol can for at least 20 seconds. Fit the gun on the adaptor or screw on nozzle. Moisten surfaces with a water spray prior to application. Fill holes and cavities for 65%, as the foam will expand.
Repeat shaking during application. If several layers are required repeat moistening with water between each layer. Fresh foam can be removed using JCP Polyurethane Cleaner or acetone. Cured foam can only be removed mechanically. Working temperature +5°C to +35°C. (+20°C to +25°C recommended)

Health and Safety recommendations

- Apply the usual industrial hygiene
- Wear gloves and safety goggles
- Removed cured foam by mechanical means only, never burn away.
- Consult the label for more information

Remarks

- Work in layers and moisten after each layer
- Cured PU-foam must be protected from UV-radiation by painting or applying a layer of sealant (silicone, MS Polymer, acrylic and PU sealant)
- Follow the cleaning and storage instructions included in the Applicator Gun box.

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 02.09.2015 Version number 33 Revision: 02.09.2015

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

· **Product identifier**

· **Trade name: Grade B3 Gun Applied Expanding Foam**
· **Relevant identified uses of the substance or mixture and uses advised against** No further relevant information available.
· **Application of the substance / the mixture**
Construction chemicals
Assembly foam

· **Details of the supplier of the safety data sheet**
· **Manufacturer/Supplier:**
JCP Construction Products
Unit 14, Teddington Industrial Estate
Teddington,
Middlesex. TW11 9BQ

· **Further information obtainable from:** jcpenquiries@owlett-jaton.com www.jcpconstructionproducts.com
· **Emergency telephone number:** +44 (0)208 943 1800 8.30am-5.00pm Monday to Friday

*
SECTION 2: Hazards identification

· **Classification of the substance or mixture**
· **Classification according to Regulation (EC) No 1272/2008**


GHS02 flame

Aerosol 1	H222-H229	Extremely flammable aerosol. Pressurised container: May burst if heated.


GHS08 health hazard

Resp. Sens. 1	H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
Carc. 2	H351	Suspected of causing cancer.
STOT RE 2	H373	May cause damage to organs through prolonged or repeated exposure.


GHS07

Acute Tox. 4	H332	Harmful if inhaled.
Skin Irrit. 2	H315	Causes skin irritation.
Eye Irrit. 2	H319	Causes serious eye irritation.
Skin Sens. 1	H317	May cause an allergic skin reaction.
STOT SE 3	H335	May cause respiratory irritation.
Lact.	H362	May cause harm to breast-fed children.
Aquatic Chronic 4	H413	May cause long lasting harmful effects to aquatic life.

· **Additional information:**
Classification of the preparation with attributed H413 phrase, taking into account the content od C14-C17 chlorinated alkanes, was made on the basis of acute toxicology tests; FEICA Position Paper 17.03.2014.

(Contd. on page 2)

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 02.09.2015 Version number 33 Revision: 02.09.2015

Trade name: Grade B3 Gun Applied Expanding Foam

(Contd. of page 1)

· **Label elements**
· **Labelling according to Regulation (EC) No 1272/2008**
The product is classified and labelled according to the CLP regulation.
· **Hazard pictograms**

GHS02 GHS07 GHS08

· **Signal word** Danger

· **Hazard-determining components of labelling:**
diphenylmethanediisocyanate, isomers and homologues
chlorinated paraffins, C14-17
· **Hazard statements**
H222-H229 Extremely flammable aerosol. Pressurised container: May burst if heated.
H332 Harmful if inhaled.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H317 May cause an allergic skin reaction.
H351 Suspected of causing cancer.
H362 May cause harm to breast-fed children.
H335 May cause respiratory irritation.
H373 May cause damage to organs through prolonged or repeated exposure.
H413 May cause long lasting harmful effects to aquatic life.
· **Precautionary statements**
P102 Keep out of reach of children.
P263 Avoid contact during pregnancy/while nursing.
P260 Do not breathe dust/fume/gas/mist/vapours/spray.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P271 Use only outdoors or in a well-ventilated area.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P308+P313 IF exposed or concerned: Get medical advice/attention.
P302+P352 IF ON SKIN: Wash with plenty of water.
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.
· **Additional information:**
Do not pierce or burn, even after use.
Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
Do not spray on an open flame or other ignition source.
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Persons already sensitised to diisocyanates may develop allergic reactions when using this product.
-Persons suffering from asthma, eczema or skin problems should avoid contact, including dermal contact,with this product.
-This product should not be used under conditions of poor ventilation unless a protective mask with an appropriate gas filter (i.e. type A1 according to standard EN 14387) is used
EUH204 Contains isocyanates. May produce an allergic reaction.
· **Other hazards**
· **Results of PBT and vPvB assessment**
· **PBT:** Not applicable.

(Contd. on page 3)

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 02.09.2015 Version number 33 Revision: 02.09.2015

Trade name: Grade B3 Gun Applied Expanding Foam

(Contd. of page 2)

· **vPvB:** Not applicable.

*
SECTION 3: Composition/information on ingredients

· **Chemical characterisation: Mixtures**
· **Description:** Mixture: consisting of the following components.

· **Dangerous components:**		
CAS: 9016-87-9	diphenylmethanediisocyanate, isomers and homologues Resp. Sens. 1, H334; Carc. 2, H351; STOT RE 2, H373; Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317; STOT SE 3, H335	30.0 - 60.0%
CAS: 13674-84-5 Reg.nr.: 01-2119486772-26-xxxx	tris(2-chlorisopropyl)-phosphate Acute Tox. 4, H302	< 25.0%
CAS: 85535-85-9 EINECS: 287-477-0 Reg.nr.: 01-2119519269-33-xxxx	chlorinated paraffins, C14-17 Aquatic Acute 1, H400; Aquatic Chronic 1, H410; Lact., H362	< 20.0%
CAS: 74-98-6 EINECS: 200-827-9 Reg.nr.: 01-21194869440-21-xxxx	propane Flam. Gas 1, H220; Press. Gas C, H280	< 15.0%
CAS: 106-97-8 EINECS: 203-448-7 Reg.nr.: 01-2119474691-31-xxxx	butane Flam. Gas 1, H220; Press. Gas C, H280	< 15.0%
CAS: 75-28-5 EINECS: 200-857-2 Reg.nr.: 01-2119485395-27-xxxx	isobutane Flam. Gas 1, H220; Press. Gas C, H280	< 15.0%
CAS: 115-10-6 EINECS: 204-065-8 Reg.nr.: 01-2119472128-37-0001	dimethyl ether Flam. Gas 1, H220; Press. Gas C, H280	< 10.0%

· **Additional information:** For the wording of the listed risk phrases refer to section 16.

SECTION 4: First aid measures

· **Description of first aid measures**
· **After inhalation:**
Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist.
· **After skin contact:**
Remove uncured foam using a piece of cloth and an unagressive solvent, e.g. ethanol. Wash your hands and the cleaned skin surface using soapy water. Cured foam can be removed mechanically with the use of a brush, soap and plenty of water. Use protective cream after skin surface has been cleaned.
· **After eye contact:** Rinse opened eye for several minutes under running water. Then consult a doctor.
· **After swallowing:**
Do not induce vomiting; call for medical help immediately.
Rinse out mouth and then drink plenty of water.
· **Information for doctor:**
· **Most important symptoms and effects, both acute and delayed**
No further relevant information available.

(Contd. on page 4)

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 02.09.2015 Version number 33 Revision: 02.09.2015

Trade name: Grade B3 Gun Applied Expanding Foam

(Contd. of page 3)

· **Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

SECTION 5: Firefighting measures

· **Extinguishing media**
· **Suitable extinguishing agents:**
Carbon dioxide
Fire-extinguishing powder
Foam
Water spray
Use fire extinguishing methods suitable to surrounding conditions.
· **Special hazards arising from the substance or mixture**
Can form explosive gas-air mixtures.
Formation of toxic gases is possible during heating or in case of fire.
· **Advice for firefighters**
· **Protective equipment:**
Wear self-contained respiratory protective device.
Wear fully protective suit.
· **Additional information** Cool endangered receptacles with water spray.

SECTION 6: Accidental release measures

· **Personal precautions, protective equipment and emergency procedures**
Keep away from ignition sources.
Wear protective clothing.
Do not breathe gas/fumes/vapour/spray.
Ensure adequate ventilation
· **Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
· **Methods and material for containment and cleaning up:**
Uncured foam adheres easily, hence it should be removed with caution. Remove instantly using a piece of cloth and solvents , e.g. acetone, alcohol. Remove cured foam mechanically.
Dispose contaminated material as waste according to item 13.
Ensure adequate ventilation.
· **Reference to other sections** See Section 13 for disposal information.

*
SECTION 7: Handling and storage

· **Handling:**
· **Precautions for safe handling**
Ensure good ventilation/exhaustion at the workplace.
Open and handle receptacle with care.
Do not pierce or burn even after use. Use only as directed on the label.
Do not mix with any other chemical products
· **Information about fire - and explosion protection:**
Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50 °C, i.e. electric lights. Do not pierce or burn, even after use.
Do not spray onto a naked flame or any incandescent material.
Keep ignition sources away - Do not smoke.

(Contd. on page 5)

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 02.09.2015 Version number 33 Revision: 02.09.2015

Trade name: Grade B3 Gun Applied Expanding Foam

(Contd. of page 4)

Protect against electrostatic charges.

· **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 packagings with pressurised containers.
This product is subject to regulations governing the storage of highly flammable aerosol products
Storage rooms should be equipped with heat and smoke detectors.
Electrical equipment should be explosion-proof.
· **Information about storage in one common storage facility:**
Do not store together with acids.
Do not store together with alkalis (caustic solutions).
Store away from reducing agents.
Store away from oxidising agents.
Store away from foodstuffs.
Store away from plastic, rubber, aluminum, light-metals
· **Further information about storage conditions:**
Store receptacle in a well ventilated area.
Store in vertical position in closed original containers.
Store at temperature from + 5 °C to + 30 °C.
Protect from frost.
Store under lock and key and out of the reach of children.
Protect from heat and direct sunlight.
· **Specific end use(s)** No further relevant information available.

*
SECTION 8: Exposure controls/personal protection

· **Additional information about design of technical facilities:** No further data; see item 7.

· **Control parameters**

· **Ingredients with limit values that require monitoring at the workplace:**	
CAS: 9016-87-9 diphenylmethanediisocyanate, isomers and homologues	
WEL	Short-term value: 0.07 mg/m³ Long-term value: 0.02 mg/m³ Sen; as -NCO
CAS: 106-97-8 butane	
WEL	Short-term value: 1810 mg/m³, 750 ppm Long-term value: 1450 mg/m³, 600 ppm Carc (if more than 0.1% of buta-1.3-diene)
CAS: 115-10-6 dimethyl ether	
WEL	Short-term value: 958 mg/m³, 500 ppm Long-term value: 766 mg/m³, 400 ppm

· **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.
Avoid contact with the eyes and skin.
Do not inhale gases / fumes / aerosols.

(Contd. on page 6)

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 02.09.2015 Version number 33 Revision: 02.09.2015

Trade name: Grade B3 Gun Applied Expanding Foam

(Contd. of page 5)

· **Respiratory protection:**
In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

· **Protection of hands:**

Protective gloves

· **Material of gloves**
Polyethylene gloves
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

· **Penetration time of glove material**
The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.

· **Eye protection:**

Tightly sealed goggles

· **Body protection:** Protective work clothing

*
SECTION 9: Physical and chemical properties

· **Information on basic physical and chemical properties**	
· **General Information**	
· **Appearance:**	
Form:	Rapidly curing foam dispensed by gaseous propellant from an aerosol container.
Colour:	Light yellow
· **Odour:**	Characteristic
· **Change in condition**	
Melting point/Melting range:	Undetermined.
Boiling point/Boiling range:	Not applicable, as aerosol.
· **Flash point:**	< 0 °C
· **Self-igniting:**	> +350 °C (propelant)
· **Danger of explosion:**	Heating may cause an explosion.
· **Explosion limits:**	
Lower:	1.5 Vol %
Upper:	11.0 Vol %
· **Vapour pressure:**	>500 kPa (in the container) < 1*10-5 mmHg w 25 °C (MDI)

(Contd. on page 7)

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 02.09.2015 Version number 33 Revision: 02.09.2015

Trade name: Grade B3 Gun Applied Expanding Foam

(Contd. of page 6)

· **Density at 20 °C:**	≤ 1.3 (PMDI) g/cm³
· **Solubility in / Miscibility with water:**	Insoluble. reacts with water
· **Other information**	No further relevant information available.

SECTION 10: Stability and reactivity

· **Reactivity** No further relevant information available.
· **Chemical stability**
· **Thermal decomposition / conditions to be avoided:**
No decomposition if used and stored according to specifications.
· **Possibility of hazardous reactions** No dangerous reactions known.
· **Conditions to avoid** No further relevant information available.
· **Incompatible materials:**
Strongly reacts with water and other substances containing an active hydrogen atom
· **Hazardous decomposition products:** No dangerous decomposition products known.

*
SECTION 11: Toxicological information

· **Information on toxicological effects**
· **Acute toxicity**
Harmful if inhaled.

· **LD/LC50 values relevant for classification:**

CAS: 13674-84-5 tris(2-chlorisopropyl)-phosphate		
Oral	LD50	>2000 mg/kg (rat)
Dermal	LD50	>2000 mg/kg (rat)
Inhalative	LC50/4 h	>0.5 mg/l (rat)
CAS: 101-68-8 4,4'-methylenediphenyl diisocyanate		
Oral	LD50	9200 mg/kg (rat)
Inhalative	LC50/4 h	178 mg/l (rat)

· **Primary irritant effect:**
· **Skin corrosion/irritation**
Causes skin irritation.
· **Serious eye damage/irritation**
Causes serious eye irritation.
· **Respiratory or skin sensitisation**
May cause allergy or asthma symptoms or breathing difficulties if inhaled.
May cause an allergic skin reaction.
· **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
· **Carcinogenicity**
Suspected of causing cancer.
· **Reproductive toxicity**
May cause harm to breast-fed children.
· **STOT-single exposure**
May cause respiratory irritation.

(Contd. on page 8)

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 02.09.2015 Version number 33 Revision: 02.09.2015

Trade name: Grade B3 Gun Applied Expanding Foam

(Contd. of page 7)

· **STOT-repeated exposure**
May cause damage to organs through prolonged or repeated exposure.
· **Aspiration hazard** Based on available data, the classification criteria are not met.

*
SECTION 12: Ecological information

· **Toxicity**

· **Aquatic toxicity:**	
CAS: 85535-85-9 chlorinated paraffins, C14-17	
EC50	>1000mg/l/48h (daphnia) (20%MCCP's)
	>1000mg/l/72h (algae) (20%MCCP's)
NOEC	>1000 mg/l (algae) (20%MCCP's)
CAS: 13674-84-5 tris(2-chlorisopropyl)-phosphate	
EC50	47 mg/kg (algae)

· **Persistence and degradability** Not biodegradable
· **Behaviour in environmental systems:**
· **Bioaccumulative potential** Does not accumulate in organisms
· **Mobility in soil** No further relevant information available.
· **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.
· **Results of PBT and vPvB assessment**
· **PBT:** Not applicable.
· **vPvB:** Not applicable.
· **Other adverse effects** No further relevant information available.

SECTION 13: Disposal considerations

· **Waste treatment methods**
· **Recommendation**
Must not be disposed together with household garbage. Do not allow product to reach sewage system.

· **European waste catalogue**	
07 02 08*	other still bottoms and reaction residues
07 02 13	waste plastic
15 01 05	composite packaging

· **Uncleaned packaging:**
· **Recommendation:** Disposal must be made according to official regulations.

*
SECTION 14: Transport information

· **UN-Number**
· **ADR, IMDG, IATA** 1950

(Contd. on page 9)

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 02.09.2015 Version number 33 Revision: 02.09.2015

Trade name: Grade B3 Gun Applied Expanding Foam

(Contd. of page 8)

· **UN proper shipping name**	
· **ADR**	AREOZOLE
· **IMDG, IATA**	AEROSOLS
· **Transport hazard class(es)**	
· **ADR**	
· **Class**	2 5F Gases.
· **Label**	2.1
· **IMDG, IATA**	
· **Class**	2 5F Gases.
· **Label**	2.1
· **Packing group**	
· **ADR, IMDG**	Void
· **Environmental hazards:**	
· **Marine pollutant:**	No
· **Special precautions for user**	Warning: Gases.
· **Danger code (Kemler):**	-
· **EMS Number:**	F-D,S-U
· **Transport in bulk according to Annex II of Marpol and the IBC Code**	Not applicable.
· **Transport/Additional information:**	
· **ADR**	
· **Limited quantities (LQ)**	LQ2
· **Transport category**	2
· **Remarks:**	Exemption from ADR provisions by LQ principal (rule 3.4.5) - Inner packaging, max. 1 liter in capacity; outer packaging – max. gross weight of 30kg - Inner packaging, max. 1 liter in capacity, based on common ground and covered with shrink film – max. gross weight of 20kg.
· **UN "Model Regulation":**	UN1950; AREOSOLS; 2.1; -

*
SECTION 15: Regulatory information

· **Safety, health and environmental regulations/legislation specific for the substance or mixture**
No further relevant information available.
· **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.

(Contd. on page 10)

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 02.09.2015 Version number 33 Revision: 02.09.2015

Trade name: Grade B3 Gun Applied Expanding Foam

(Contd. of page 9)

· **Relevant phrases**
H220 Extremely flammable gas.
H280 Contains gas under pressure; may explode if heated.
H302 Harmful if swallowed.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.
H332 Harmful if inhaled.
H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H335 May cause respiratory irritation.
H351 Suspected of causing cancer.
H362 May cause harm to breast-fed children.
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.

· **Recommended restriction of use**
The information stated above is based on current knowledge and applies to the product in the form in which it is used. Data concerning this product is presented in order to fulfill safety requirements and not to guarantee its specific properties
In cases when application conditions are not subject to manufacturer's control, the responsibility for safe product use and obeying law regulations in particular, lies on the user's side.
Information in the appropriate technical data sheet of product.

· **Department issuing MSDS:** Product safety department.
· **Contact:** msds@selena.com
· **Abbreviations and acronyms:**
Flam. Gas 1: Flammable gases, Hazard Category 1
Aerosol 1: Flammable aerosols, Hazard Category 1
Press. Gas C: Gases under pressure: Compressed gas
Acute Tox. 4: Acute toxicity, Hazard Category 4
Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2
Eye Irrit. 2: Serious eye damage/eye irritation, Hazard Category 2
Resp. Sens. 1: Sensitisation - Respirat., Hazard Category 1
Skin Sens. 1: Sensitisation - Skin, Hazard Category 1
Carc. 2: Carcinogenicity, Hazard Category 2
Lact.: Reproductive toxicity, Additional category, Effects on or via lactation
STOT SE 3: Specific target organ toxicity - Single exposure, Hazard Category 3
STOT RE 2: Specific target organ toxicity - Repeated exposure, Hazard Category 2
Aquatic Acute 1: Hazardous to the aquatic environment - AcuteHazard, Category 1
Aquatic Chronic 1: Hazardous to the aquatic environment - Chronic Hazard, Category 1
Aquatic Chronic 4: Hazardous to the aquatic environment - Chronic Hazard, Category 4

· *** Data compared to the previous version altered.**
1) So far unclassified substance CAS: 13674-84-5 added in pt 3; MDI reclassification
2) Change in classification of compound in pt 2
3) Change in storage temperature in pt 7
4) Pts 11 & 12 enhanced by data for new substances
5) information about collection of empty containers in 13 pt have been removed.
6) Change in pt 15 resulting from compound reclassification

Update date: 07.05.2010