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

1.1. Product identifier
Parbond 964 Component A

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture
Adhesives, sealants

Uses advised against
any non-intended use.

1.3. Details of the supplier of the safety data sheet
Company name: Parson Adhesives, Inc.
Place: Rochester, MI 48309
Telephone: +1 248-299-5585
Internet: www.parsonadhesives.com
Responsible Department: sales@parsonadhesives.com

1.4. Emergency telephone number: Chemtrec 1-800-262-8200

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Directive 67/548/EEC or 1999/45/EC
Indications of danger: Xn - Harmful, Xi - Irritant
R phrases:
Harmful by inhalation.
Irritating to eyes, respiratory system and skin.
Limited evidence of a carcinogenic effect.
May cause sensitisation by inhalation and skin contact.
Harmful: danger of serious damage to health by prolonged exposure through inhalation.

Classification according to Regulation (EC) No. 1272/2008 [CLP]
Hazard categories:
Acute toxicity: Acute Tox. 4
Skin corrosion/irritation: Skin Irrit. 2
Serious eye damage/eye irritation: Eye Irrit. 2
Respiratory/skin sensitization: Resp. Sens. 1
Respiratory/skin sensitization: Skin Sens. 1
Carcinogenicity: Carc. 2
Specific target organ toxicity - single exposure: STOT SE 3
Specific target organ toxicity - repeated exposure: STOT RE 2

Hazard Statements:
Causes skin irritation.
May cause an allergic skin reaction.
Causes serious eye irritation.
Harmful if inhaled.
May cause allergy or asthma symptoms or breathing difficulties if inhaled.
May cause respiratory irritation.
Suspected of causing cancer.
May cause damage to organs through prolonged or repeated exposure.

2.2. Label elements
Hazardous components which must be listed on the label
4,4’-methylene diphenyl disiocyanate; diphenylmethane-4,4’-diisocyanate
methylenedi phenyl diisocyanate

Signal word: Danger
Pictograms: GHS07-GHS08

Hazard statements
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.
H373 May cause damage to organs through prolonged or repeated exposure.

Precautionary statements
P260 Do not breathe dust/fume/gas/mist/vapours/spray.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P284 Wear respiratory protection.
P362+P364 Take off contaminated clothing and wash it before reuse.
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P342+P311 If experiencing respiratory symptoms: Call a POISON CENTER/doctor.
P337+P313 If eye irritation persists: Get medical advice/attention.
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

Special labelling of certain mixtures
EUH204 Contains isocyanates. May produce an allergic reaction.

2.3. Other hazards
No information available.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Hazardous components

<table>
<thead>
<tr>
<th>EC No</th>
<th>Chemical name</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>202-966-0</td>
<td>4,4’-methylene diphenyl disiocyanate; diphenylmethane-4,4’-diisocyanate</td>
<td>95 - &lt; 100 %</td>
</tr>
<tr>
<td>101-68-8</td>
<td>Carc. Cat. 3, Xn - Harmful, Xi - Irritant R40-20-48/20-36/37/38-42/43</td>
<td></td>
</tr>
<tr>
<td>615-005-00-9</td>
<td>Carc. 2, Acute Tox. 4, STOT RE 2, Eye Irrit. 2, STOT SE 3, Skin Irrit. 2, Resp. Sens. 1, Skin Sens. 1; H351 H332 H373 ** H319 H335 H315 H334 H317</td>
<td></td>
</tr>
<tr>
<td>247-714-0</td>
<td>methylenedi phenyl diisocyanate</td>
<td>&lt; 1. %</td>
</tr>
<tr>
<td>26447-40-5</td>
<td>Carc. Cat. 3, Xn - Harmful, Xi - Irritant R40-20-48/20-36/37/38-42/43</td>
<td></td>
</tr>
<tr>
<td>615-005-00-9</td>
<td>Carc. 2, Acute Tox. 4, STOT RE 2, Eye Irrit. 2, STOT SE 3, Skin Irrit. 2, Resp. Sens. 1, Skin Sens. 1; H351 H332 H373 ** H319 H335 H331 H334 H317</td>
<td></td>
</tr>
</tbody>
</table>

Full text of R-, H- and EUH-phrases: see section 16.
Further Information
Product does not contain listed SVHC substances.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information
In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data
sheet if possible).
Take off immediately all contaminated clothing.
First aider: Pay attention to self-protection! Use appropriate respiratory protection.

After inhalation
IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for
breathing. Where appropriate artificial ventilation. In case of allergic symptoms, especially in the breathing
area, seek medical advice immediately. Apply cortisone spray at early stage.

After contact with skin
Take off immediately all contaminated clothing. Wash immediately with: Water and soap. If skin irritation or
rash occurs: Get medical advice/attention.

After contact with eyes
In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding
eyelids apart and consult an ophthalmologist.

After ingestion

4.2. Most important symptoms and effects, both acute and delayed
No information available.

4.3. Indication of any immediate medical attention and special treatment needed
Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media
Extinguishing powder, Carbon dioxide (CO2), Foam
In case of major fire and large quantities: Foam

Unsuitable extinguishing media
Full water jet

5.2. Special hazards arising from the substance or mixture
Can be released in case of fire: Carbon monoxide., Carbon dioxide (CO2), Nitrogen oxides (NOx),
Hydrogen cyanide (hydrocyanic acid)

5.3. Advice for firefighters
Wear a self-contained breathing apparatus and chemical protective clothing. In case of fire and/or explosion
do not breathe fumes.

Additional information
Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water. Use
water spray jet to protect personnel and to cool endangered containers.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures
Provide adequate ventilation. Remove persons to safety.
Avoid generation of dust.
Avoid exposure. Do not breathe dust. Avoid contact with skin, eyes and clothes.
Use appropriate respiratory protection.
Wear personal protection equipment (refer to section 8).

6.2. Environmental precautions
Do not allow to enter into surface water or drains.

6.3. Methods and material for containment and cleaning up
Take up mechanically. Avoid generation of dust.
Treat the recovered material as prescribed in the section on waste disposal.
Clean contaminated objects and areas thoroughly observing environmental regulations.

6.4. Reference to other sections
Safe handling: see section 7
Personal protection equipment: see section 8
Disposal: see section 13

SECTION 7: Handling and storage

7.1. Precautions for safe handling
Advice on safe handling
Provide adequate ventilation as well as local exhaust at critical locations.
Avoid exposure - obtain special instructions before use.
Do not breathe dust. Avoid contact with skin, eyes and clothes.
Wear personal protection equipment (refer to section 8).

Advice on protection against fire and explosion
Usual measures for fire prevention.

Further information on handling
Conditions to avoid: Generation/formation of dust
General protection and hygiene measures: See section 8.

7.2. Conditions for safe storage, including any incompatibilities
Requirements for storage rooms and vessels
Keep only in the original container in a cool, well-ventilated place.
Keep container tightly closed and dry.
Ensure adequate ventilation of the storage area.

Advice on storage compatibility
Infectious substances.

Further information on storage conditions
Protect against: Heat, Humidity, UV-radiation/sunlight

7.3. Specific end use(s)
refer to chapter 1.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters
Exposure limits (EH40)

<table>
<thead>
<tr>
<th>CAS No</th>
<th>Substance</th>
<th>ppm</th>
<th>mg/m³</th>
<th>fibres/ml</th>
<th>Category</th>
<th>Origin</th>
</tr>
</thead>
<tbody>
<tr>
<td>-</td>
<td>Isocyanates, all (as -NCO) Except methyl isocyanate</td>
<td>-</td>
<td>0.02</td>
<td>-</td>
<td>TWA (8 h)</td>
<td>WEL</td>
</tr>
<tr>
<td></td>
<td></td>
<td>-</td>
<td>0.07</td>
<td></td>
<td>STEL (15 min)</td>
<td>WEL</td>
</tr>
</tbody>
</table>

8.2. Exposure controls
Appropriate engineering controls
Provide adequate ventilation as well as local exhaustion at critical locations.

Protective and hygiene measures
Always close containers tightly after the removal of product. Wash hands before breaks and after work. When using do not eat, drink, smoke, sniff. Take off contaminated clothing and wash it before reuse. Street clothing should be stored separately from work clothing. Contaminated work clothing should not be allowed out of the workplace.

Eye/face protection
Recommended eye protection articles: Eye glasses with side protection DIN EN 166

Hand protection
Wear suitable gloves. DIN EN 374
Suitable material:
- CR (polychloroprene, chloroprene rubber) (0,5 mm)
- NBR (Nitrile rubber) (0,35 mm)
- Butyl caoutchouc (butyl rubber) (0,5 mm)
- FKM (fluoro rubber) (0,4 mm)
- PVC (Polyvinyl chloride) (0,5 mm)
Breakthrough time (maximum wearing time): >480 min
Check leak tightness/impermeability prior to use. In the case of wanting to use the gloves again, clean them before taking off and air them well.

Skin protection
Protective clothing.
Minimum standard for preventive measures while handling with working materials are specified in the TRGS 500.

Respiratory protection
Suitable respiratory protection apparatus: Combination filtering device (EN 14387) Type AB-P3
The filter class must be suitable for the maximum contaminant concentration (gas/vapour/aerosol/particulates) that may arise when handling the product. If the concentration is exceeded, self-contained breathing apparatus must be used.

Environmental exposure controls
Do not allow to enter into surface water or drains.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state</td>
<td>solid</td>
</tr>
<tr>
<td>Colour</td>
<td>colourless - yellow</td>
</tr>
<tr>
<td>Odour</td>
<td>stinging</td>
</tr>
<tr>
<td>pH-Value</td>
<td>not determined</td>
</tr>
<tr>
<td>Melting point</td>
<td>ca. 40 °C</td>
</tr>
<tr>
<td>Initial boiling point and boiling range</td>
<td>&gt;300 °C</td>
</tr>
<tr>
<td>Flash point</td>
<td>&gt;200 °C</td>
</tr>
<tr>
<td>Sustaining combustion</td>
<td>No data available</td>
</tr>
</tbody>
</table>
Explosive properties
none
Lower explosion limits: ca. 0.4 vol. %
Upper explosion limits: not determined
Decomposition temperature: not determined

Oxidizing properties
none
Vapour pressure: not determined
Density: ~1.3 g/cm³
Water solubility: not determined
Viscosity / dynamic: not determined

9.2. Other information
Solid content: not determined

SECTION 10: Stability and reactivity

10.1. Reactivity
Hazardous polymerisation: Monomeric MDI can polymerise violently upon heating.

10.2. Chemical stability
Stable under normal storage and handling conditions.

10.3. Possibility of hazardous reactions
Reacts with: Water; Formation of: Carbon dioxide (CO2)

10.4. Conditions to avoid
Keep away from heat.
Protect from moisture.
Protect against direct sunlight.
Avoid generation of dust.

10.5. Incompatible materials
Water, Oxidising agent, strong, Reducing agent, strong, alkali, Acid, Alcohols, Amines, Metal

10.6. Hazardous decomposition products
Can be released in case of fire: Carbon monoxide, Carbon dioxide (CO2), Nitrogen oxides (NOx), Hydrogen cyanide (hydrocyanic acid)

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicokinetics, metabolism and distribution
No information available.

Acute toxicity
Harmful if inhaled.

ATEmix calculated
ATE (inhalative vapour) 11.11 mg/l; ATE (inhalative aerosol) 1,515 mg/l
Parbond 964 Component A

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Product code:

Print date: 08.05.2015

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<table>
<thead>
<tr>
<th>CAS No</th>
<th>Chemical name</th>
<th>Exposure routes</th>
<th>Method</th>
<th>Dose</th>
<th>Species</th>
<th>Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>101-68-8</td>
<td>4,4'-methylene diphenyl diisocyanate; diphenylmethane-4,4'-diisocyanate</td>
<td>oral</td>
<td>LD50</td>
<td>&gt;5000 mg/kg</td>
<td>Ratte</td>
<td>RTECS</td>
</tr>
<tr>
<td></td>
<td></td>
<td>inhalative vapour</td>
<td>ATE</td>
<td>11 mg/l</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>inhalative (4 h) aerosol</td>
<td>LC50 (0.368) mg/l</td>
<td>Ratte</td>
<td>ECHA Dossier</td>
<td></td>
</tr>
<tr>
<td>26447-40-5</td>
<td>methylenediphenyl diisocyanate</td>
<td>inhalative vapour</td>
<td>ATE</td>
<td>11 mg/l</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>inhalative aerosol</td>
<td>ATE</td>
<td>1.5 mg/l</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Irritation and corrosivity
Causes skin irritation.
Causes serious eye irritation.

Sensitising effects
May cause an allergic skin reaction. (4,4'-methylene diphenyl diisocyanate; diphenylmethane-4,4'-diisocyanate), (methylenediphenyl diisocyanate)
May cause allergy or asthma symptoms or breathing difficulties if inhaled. (4,4'-methylene diphenyl diisocyanate; diphenylmethane-4,4'-diisocyanate), (methylenediphenyl diisocyanate)
Persons with a history of asthma, allergies, chronic or recurrent respiratory disease should not be exposed to any process in which this product is used.

STOT-single exposure
May cause respiratory irritation. (4,4'-methylene diphenyl diisocyanate; diphenylmethane-4,4'-diisocyanate), (methylenediphenyl diisocyanate)

Severe effects after repeated or prolonged exposure
May cause damage to organs through prolonged or repeated exposure. (4,4'-methylene diphenyl diisocyanate; diphenylmethane-4,4'-diisocyanate), (methylenediphenyl diisocyanate)

Carcinogenic/mutagenic/toxic effects for reproduction
Suspected of causing cancer. (4,4'-methylene diphenyl diisocyanate; diphenylmethane-4,4'-diisocyanate), (methylenediphenyl diisocyanate)
4,4'-methylene diphenyl diisocyanate; diphenylmethane-4,4'-diisocyanate:
In vitro mutagenicity/genotoxicity:
Method: Method B.13/14 (Mutagenicity - Reverse Mutation Test Using Bacteria)
Test result: negative.
Literature information: ECHA Dossier

Aspiration hazard
Based on available data, the classification criteria are not met.

Specific effects in experiment on an animal
There are no data available on the mixture itself.

SECTION 12: Ecological information

12.1. Toxicity
No data available

12.2. Persistence and degradability
No data available

12.3. Bioaccumulative potential
No indication of bioaccumulation potential.

12.4. Mobility in soil
No data available
### 12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

### 12.6. Other adverse effects

No data available

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

**Advice on disposal**

Dispose of waste according to applicable legislation. Consult the appropriate local waste disposal expert about waste disposal. Non-contaminated packages may be recycled. According to EAKV, allocation of waste identity numbers/waste descriptions must be carried out in a specific way for every industry and process.

Control report for waste code/ waste marking according to EAKV:

**Waste disposal number of waste from residues/unused products**

160305 WASTES NOT OTHERWISE SPECIFIED IN THE LIST; off-specification batches and unused products; organic wastes containing dangerous substances

Classified as hazardous waste.

**Waste disposal number of used product**

160305 WASTES NOT OTHERWISE SPECIFIED IN THE LIST; off-specification batches and unused products; organic wastes containing dangerous substances

Classified as hazardous waste.

**Waste disposal number of contaminated packaging**

150110 WASTE PACKAGING; ABSORBENTS, WIPE CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); packaging containing residues of or contaminated by dangerous substances

Classified as hazardous waste.

**Contaminated packaging**

Handle contaminated packages in the same way as the substance itself.

### SECTION 14: Transport information

#### Land transport (ADR/RID)

**14.1. UN number:** Not restricted

**14.2. UN proper shipping name:** Not restricted

**14.3. Transport hazard class(es):** Not restricted

**14.4. Packing group:** Not restricted

#### Inland waterways transport (ADN)

**14.1. UN number:** Not restricted

**14.2. UN proper shipping name:** Not restricted

**14.3. Transport hazard class(es):** Not restricted

**14.4. Packing group:** Not restricted

#### Marine transport (IMDG)

**14.1. UN number:** Not restricted

**14.2. UN proper shipping name:** Not restricted

**14.3. Transport hazard class(es):** Not restricted

**14.4. Packing group:** Not restricted

#### Air transport (ICAO)
Safety Data Sheet

according to Regulation (EC) No 1907/2006

Parbond 964 Component A

14.1. UN number: Not restricted
14.2. UN proper shipping name: Not restricted
14.3. Transport hazard class(es): Not restricted
14.4. Packing group: Not restricted
14.5. Environmental hazards
ENVIRONMENTALLY HAZARDOUS: no
14.6. Special precautions for user
Not restricted
14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code
Not restricted

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

EU regulatory information
2010/75/EU (VOC): No information available.
2004/42/EC (VOC): No information available.

Additional information
This preparation is hazardous in the sense of regulation (EC) No 1272/2008 [GHS].
Not subject to 96/82/EC

National regulatory information
Employment restrictions: Observe employment restrictions for young people. Observe employment restrictions for child bearing mothers and nursing.
Water contaminating class (D): 1 - slightly water contaminating

15.2. Chemical safety assessment
Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other information

Changes
Rev. 1.00, 07.05.2015, Initial release

Abbreviations and acronyms
ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)
ICAO: International Civil Aviation Organization
ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)
GHS: Globally Harmonized System of Classification and Labelling of Chemicals
EINECS: European Inventory of Existing Commercial Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
NOAEL: No observed adverse effect level
Relevant R-phrases (Number and full text)

20  Harmful by inhalation.
36/37/38  Irritating to eyes, respiratory system and skin.
40  Limited evidence of a carcinogenic effect.
42/43  May cause sensitisation by inhalation and skin contact.
48/20  Harmful: danger of serious damage to health by prolonged exposure through inhalation.

Relevant H- and EUH-phrases (Number and full text)

H315  Causes skin irritation.
H317  May cause an allergic skin reaction.
H319  Causes serious eye irritation.
H320  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.
H373  May cause damage to organs through prolonged or repeated exposure.
EUH204  Contains isocyanates. May produce an allergic reaction.

Further Information

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)
SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier
Parbond 964 Component B

1.2. Relevant identified uses of the substance or mixture and uses advised against
Use of the substance/mixture
Adhesives, sealants

Uses advised against
any non-intended use.

1.3. Details of the supplier of the safety data sheet
Company name: Parson Adhesives, Inc.
Place: Rochester, MI 48309
Telephone: +1 248-299-5585
Internet: www.parsonadhesives.com
Responsible Department: sales@parsonadhesives.com

1.4. Emergency telephone number: Chemtrec 1-800-262-8200

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture
Classification according to Directive 67/548/EEC or 1999/45/EC
This mixture is not classified as hazardous according to Directive 1999/45/EC.

Classification according to Regulation (EC) No. 1272/2008 [CLP]
This mixture is not classified as hazardous according to Regulation (EC) No. 1272/2008.

2.2. Label elements
No risks worthy of mention. Please observe the information on the safety data sheet at all times.

2.3. Other hazards
No risks worthy of mention. Please observe the information on the safety data sheet at all times.

SECTION 3: Composition/information on ingredients

3.2. Mixtures
Further Information
Product does not contain listed SVHC substances.

SECTION 4: First aid measures

4.1. Description of first aid measures
General information
In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

After inhalation
Remove casualty to fresh air and keep warm and at rest. When in doubt or if symptoms are observed, get medical advice.

After contact with skin
Wash immediately with: Water and soap. In case of skin irritation, consult a physician.

After contact with eyes
In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist.
After ingestion
Rinse mouth immediately and drink plenty of water. Do NOT induce vomiting. When in doubt or if symptoms are observed, get medical advice.

4.2. Most important symptoms and effects, both acute and delayed
No information available.

4.3. Indication of any immediate medical attention and special treatment needed
Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media
   Suitable extinguishing media
   Extinguishing powder, Carbon dioxide (CO2), Foam, Water spray jet
   Unsuitable extinguishing media
   Full water jet

5.2. Special hazards arising from the substance or mixture
Can be released in case of fire: Carbon monoxide., Carbon dioxide (CO2)

5.3. Advice for firefighters
Wear a self-contained breathing apparatus and chemical protective clothing.

Additional information
Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures
Avoid contact with skin, eyes and clothes.
Wear personal protection equipment (refer to section 8).

6.2. Environmental precautions
Do not allow to enter into surface water or drains.

6.3. Methods and material for containment and cleaning up
Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).
Treat the recovered material as prescribed in the section on waste disposal.
Clean contaminated objects and areas thoroughly observing environmental regulations.

6.4. Reference to other sections
Safe handling: see section 7
Personal protection equipment: see section 8
Disposal: see section 13

SECTION 7: Handling and storage

7.1. Precautions for safe handling
   Advice on safe handling
   Wear suitable protective clothing, gloves and eye/face protection. (See section 8.)
   Advice on protection against fire and explosion
   Usual measures for fire prevention.

7.2. Conditions for safe storage, including any incompatibilities
   Requirements for storage rooms and vessels
   Keep container tightly closed in a cool, well-ventilated place.
   Advice on storage compatibility
Parbond 964 Component B

Further information on storage conditions
Protect against: Heat, Humidity, UV-radiation/sunlight

7.3. Specific end use(s)
refer to chapter 1.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters
Additional advice on limit values
To date, no national critical limit values exist.

8.2. Exposure controls
Provide adequate ventilation.

Appropriate engineering controls

Protective and hygiene measures
Always close containers tightly after the removal of product. Wash hands before breaks and after work. When using do not eat, drink, smoke, sniff.

Eye/face protection
Recommended eye protection articles: Eye glasses with side protection DIN EN 166

Hand protection
In case of prolonged or frequently repeated skin contact: Wear suitable gloves. DIN EN 374
Suitable material:
CR (polychloroprene, chloroprene rubber) (0,5 mm)
NBR (Nitrile rubber) (0,35 mm)
Butyl caoutchouc (butyl rubber) (0,5 mm)
FKM (fluoro rubber) (0,4 mm)
PVC (Polyvinyl chloride) (0,5 mm)

Breakthrough time (maximum wearing time): >480 min
Check leak tightness/impermeability prior to use. In the case of wanting to use the gloves again, clean them before taking off and air them well.

Skin protection
Protective clothing.
Minimum standard for preventive measures while handling with working materials are specified in the TRGS 500.

Respiratory protection
With correct and proper use, and under normal conditions, breathing protection is not required.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties
Physical state: liquid
Colour: Black
Odour: characteristic

pH-Value: not determined

Changes in the physical state
Initial boiling point and boiling range: not determined
Flash point: not determined
Sustaining combustion: No data available
### Explosive properties

**Lower explosion limits:** not determined  
**Upper explosion limits:** not determined  
**Decomposition temperature:** not determined

### Oxidizing properties

**Vapour pressure:** not determined  
**Density:** not determined  
**Water solubility:** not determined  
**Viscosity / dynamic:** not determined

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity
No information available.

#### 10.2. Chemical stability
Stable under normal storage and handling conditions.

#### 10.3. Possibility of hazardous reactions
No information available.

#### 10.4. Conditions to avoid
No information available.

#### 10.5. Incompatible materials
Oxidising agent, strong, Reducing agent, strong, Strong acid, Strong alkali

#### 10.6. Hazardous decomposition products
Can be released in case of fire: Carbon monoxide, Carbon dioxide (CO2)

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

**Toxicokinetics, metabolism and distribution**  
No information available.

**Acute toxicity**  
Based on available data, the classification criteria are not met.

**Irritation and corrosivity**  
Based on available data, the classification criteria are not met.

**Sensitising effects**  
Based on available data, the classification criteria are not met.

**STOT-single exposure**  
Based on available data, the classification criteria are not met.  
There are no data available on the mixture itself.

**Severe effects after repeated or prolonged exposure**  
Based on available data, the classification criteria are not met.

**Carcinogenic/mutagenic/toxic effects for reproduction**  
Based on available data, the classification criteria are not met.
Aspiration hazard
Based on available data, the classification criteria are not met.

Specific effects in experiment on an animal
No information available.

SECTION 12: Ecological information

12.1. Toxicity
No data available

12.2. Persistence and degradability
No data available

12.3. Bioaccumulative potential
No indication of bioaccumulation potential.

12.4. Mobility in soil
No data available

12.5. Results of PBT and vPvB assessment
The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6. Other adverse effects
No data available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Advice on disposal
Dispose of waste according to applicable legislation. Consult the appropriate local waste disposal expert about waste disposal. Non-contaminated packages may be recycled. According to EAKV, allocation of waste identity numbers/waste descriptions must be carried out in a specific way for every industry and process.
Control report for waste code/waste marking according to EAKV:

Waste disposal number of waste from residues/unused products
160306 WASTES NOT OTHERWISE SPECIFIED IN THE LIST; off-specification batches and unused products; organic wastes other than those mentioned in 16 03 05

Waste disposal number of used product
160306 WASTES NOT OTHERWISE SPECIFIED IN THE LIST; off-specification batches and unused products; organic wastes other than those mentioned in 16 03 05

Waste disposal number of contaminated packaging
150106 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); mixed packaging

Contaminated packaging
Handle contaminated packages in the same way as the substance itself.

SECTION 14: Transport information

Land transport (ADR/RID)

14.1. UN number: Not restricted
14.2. UN proper shipping name: Not restricted
14.3. Transport hazard class(es): Not restricted
14.4. Packing group: Not restricted

Inland waterways transport (ADN)
14.1. UN number: Not restricted
14.2. UN proper shipping name: Not restricted
14.3. Transport hazard class(es): Not restricted
14.4. Packing group: Not restricted

Marine transport (IMDG)
14.1. UN number: Not restricted
14.2. UN proper shipping name: Not restricted
14.3. Transport hazard class(es): Not restricted
14.4. Packing group: Not restricted

Air transport (ICAO)
14.1. UN number: Not restricted
14.2. UN proper shipping name: Not restricted
14.3. Transport hazard class(es): Not restricted
14.4. Packing group: Not restricted

14.5. Environmental hazards
ENVIRONMENTALLY HAZARDOUS: no

14.6. Special precautions for user
Not restricted
14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code
Not restricted

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture
EU regulatory information
2010/75/EU (VOC): No information available.
2004/42/EC (VOC): No information available.
Additional information
This mixture is classified as not hazardous according to Regulation (EC) 1272/2008 [GHS].
Not subject to 96/82/EC

National regulatory information
15.2. Chemical safety assessment
Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other information

Changes
Rev. 1.00, 07.05.2015, Initial release

Abbreviations and acronyms
ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
Further Information

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)