



COSHH Assessment Form

This assessment **only addresses the risk of harm to health** from the substances listed. Additional risk assessments may be required to control the risk from other hazards associated with this work/the procedures used.

| | | | | | | | |
|------------------------|-------------|----|------|----------------------------|--------------|----|------|
| Assessor | Alex Barlow | | | Employer/Supervisor | Steven Lyons | | |
| Assessment Date | 02 | 08 | 2016 | Review Date | 02 | 08 | 2017 |

HAZARDS IDENTIFIED

| Substance | Hazardous Properties | Quantity |
|------------------------|---|----------------|
| PU18 Flexible Adhesive | Harmful by inhalation and in contact with skin Limited evidence of carcinogenic effect May cause sensitisation by inhalation and skin contact | 310ml per tube |

Additional information

| | |
|-----------------------------------|--|
| Workplace Exposure Limits: | Not applicable |
| R-phrases: | R10 – Flammable R20/21 – Harmful by inhalation and in contact with skin R36/37/38 – Irritating to eyes, respiratory system and skin R40 – Limited evidence of a carcinogenic effect R42/43 – May cause sensitisation by inhalation and skin contact R48/20 – Harmful: danger of serious damage to health by prolonged exposure through inhalation R51/53 – Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment R65 – Harmful: may cause lung damage if swallowed R66 – Repeated exposure may cause skin dryness or cracking R67 – Vapours may cause drowsiness and dizziness |
| S-phrases: | S1/2 – Keep locked up and out of reach of children S13 – Keep away from food, drink and animal feeding stuffs S46 – If swallowed, seek medical advice immediately and show this container or label |
| H and P statements: | H228 – Flammable solid H302 – Harmful if swallowed H315 – Causes skin irritation H351 – Suspected of causing cancer H413 – May cause long lasting effects to aquatic life P101 – If medical advice is needed, have product container or label at hand P102 – Keep out of reach of children P210 – Keep away from open flames/sparks P270 – Do not eat, drink or smoke when using this product P273 – Avoid release to the environment P281 – Use PPE as required P333/P313 – If skin irritation occurs: Get medical advice |

Emergency Procedures

| | |
|----------------------|---|
| Eye contact: | Wash thoroughly with water, seek medical attention if irritation persists |
| Inhalation: | n/a |
| Skin contact: | Wash with water to avoid irritation, seek medical advice if irritation persists |



| | |
|--|---|
| Ingestion: | Seek medical attention and have product container/label to hand |
| Spill procedure: | Clean up using standard wipes and dispose of |
| What will the chemical be used for? | To secure cladding to the lift |
| Who may be exposed? | Engineers and stonemasons working on the lift |

METHODS OF PREVENTION OR CONTROL OF EXPOSURE

| Engineering Controls Required | | Approved PPE | |
|-------------------------------------|-----------------------------------|-------------------------------------|---------------------------------------|
| <input type="checkbox"/> | Total Containment | <input checked="" type="checkbox"/> | Gloves |
| <input type="checkbox"/> | Fume Cupboard | <input type="checkbox"/> | Eye Protection |
| <input type="checkbox"/> | Local Exhaust Ventilation | <input type="checkbox"/> | Laboratory Coat/Overalls |
| <input type="checkbox"/> | Blast Screen | <input type="checkbox"/> | Respiratory Mask |
| Access Control | | Special Procedures | |
| <input checked="" type="checkbox"/> | Restricted to Competent Personnel | <input type="checkbox"/> | Standard Operating Procedure Required |
| <input type="checkbox"/> | Special Containment Facility | <input checked="" type="checkbox"/> | Code of Practice |

DISPOSAL PROCEDURES

| | | | | |
|---|-----|-------------------------------------|----|--------------------------|
| Are chemicals with risk phrases R50-R59 or hazard statements H400-H413 involved? | Yes | <input checked="" type="checkbox"/> | No | <input type="checkbox"/> |
|---|-----|-------------------------------------|----|--------------------------|

HANDLING AND STORAGE REQUIREMENTS

When used onsite, to be stored in a sealed and labelled container. When in storage, to be stored in a single location.
 When handled, gloves must be worn and where possible avoid direct contact with skin. Where contact does occur, wash thoroughly at earliest opportunity to avoid irritation. If irritation persists seek medical advice, making sure to have the product container/label or this assessment to hand

ASSESSMENT OF RISK USING CONTROLS DETAILED ABOVE

Substance does not present a serious risk to users or surrounding people. Ignition of substance may occur if presented to an open flame. Avoid using products alongside or nearby hot works.
 Where possible measures to avoid contact with skin and eyes should be taken, and ingestion of substance avoided. If contact/ingestion does occur, take steps provided and consult medical attention if discomfort persists or if recipient is concerned with wellbeing.

Authorisation by Employer/Supervisor

I confirm that I have considered and understand the chemical to be used and the associated hazards. I am satisfied that all of the hazards have been identified and that the control measures to be followed will reduce the risks to as low a level as reasonably practicable.

| | | | | | |
|----------------|---|--------------------|--------------|--------------|------------|
| Signed: |  | Print name: | Steven Lyons | Date: | 02-08-2016 |
|----------------|---|--------------------|--------------|--------------|------------|



COSHH Assessment Form

This assessment **only addresses the risk of harm to health** from the substances listed. Additional risk assessments may be required to control the risk from other hazards associated with this work/the procedures used.

| | | | | | | | |
|------------------------|--------------|----|------|----------------------------|--------------|----|------|
| Assessor | Sean McAllen | | | Employer/Supervisor | Steven Lyons | | |
| Assessment Date | 15 | 05 | 2017 | Review Date | 15 | 05 | 2018 |

HAZARDS IDENTIFIED

| Substance | Hazardous Properties | Quantity |
|---------------|--|------------|
| Hydraulic Oil | Harmful by inhalation or ingestion Irritant to skin and eyes Flammable | 7.4 litres |

Additional information

| | |
|-----------------------------------|---|
| Workplace Exposure Limits: | Not applicable |
| R-phrases: | R36/38 – Irritating to eyes and skin R20/22 – Harmful by inhalation and if swallowed |
| S-phrases: | S02 – Keep out of the reach of children S16 – Keep away from sources of ignition S20/21 – When using do not eat, drink or smoke S24/25 – Avoid contact with skin and eyes |
| H and P statements: | H315 – Causes skin irritation P102 – Keep out of reach of children P210 – Keep away from open flames/sparks P211 – Do not spray on an open flame P270 – Do not eat, drink or smoke when using this product P273 – Avoid release to the environment P281 – Use PPE as required |

Emergency Procedures

| | |
|--|---|
| Eye contact: | Wash thoroughly with water, seek medical attention if irritation persists |
| Inhalation: | n/a |
| Skin contact: | Wash with water to avoid mild irritation |
| Ingestion: | Seek medical attention if discomfort occurs |
| Spill procedure: | Clean up using absorbent to avoid slip hazard |
| What will the chemical be used for? | To run hydraulic components of the lift |
| Who may be exposed? | Engineers working on the lift |

METHODS OF PREVENTION OR CONTROL OF EXPOSURE

| Engineering Controls Required | | Approved PPE | |
|-------------------------------|-----------------------------------|--------------------|---------------------------------------|
| | Total Containment | ✓ | Gloves |
| | Fume Cupboard | | Eye Protection |
| | Local Exhaust Ventilation | | Laboratory Coat/Overalls |
| | Blast Screen | | Respiratory Mask |
| Access Control | | Special Procedures | |
| ✓ | Restricted to Competent Personnel | | Standard Operating Procedure Required |
| | Special Containment Facility | ✓ | Code of Practice |



DISPOSAL PROCEDURES

Are chemicals with risk phrases R50-R59 or hazard statements H400-H413 involved? Yes No ✓

HANDLING AND STORAGE REQUIREMENTS

When used onsite, to be stored in a sealed and labelled container. When in storage, to be stored in a single location.
When handled, gloves must be worn and where possible avoid direct contact with skin. Where contact does occur, wash thoroughly at earliest opportunity to avoid irritation.

ASSESSMENT OF RISK USING CONTROLS DETAILED ABOVE

Substance does not present a serious risk to users or surrounding people. Ignition of substance will not occur at temperatures do not exceed 150°C, however unnecessary heating of substance is not advised. In the event ignition does occur, fumes must not be inhaled.
Where possible measures to avoid contact with skin and eyes should be taken, and ingestion of substance avoided. If contact/ingestion does occur, take steps provided and only consult medical attention if discomfort persists or if recipient is concerned with wellbeing.

Authorisation by Employer/Supervisor

I confirm that I have considered and understand the chemical to be used and the associated hazards. I am satisfied that all of the hazards have been identified and that the control measures to be followed will reduce the risks to as low a level as reasonably practicable.

| | | | | | |
|----------------|---|--------------------|--------------|--------------|------------|
| Signed: |  | Print name: | Steven Lyons | Date: | 15-05-2018 |
|----------------|---|--------------------|--------------|--------------|------------|

Health & Safety: Health & Safety Policy Statement

In accordance with its duty under Section 2(3) of the Health and Safety at Work etc. Act, 1974, and in fulfilling its obligations to both employees and the public who may be affected by its activities, the Managing Director of Sesame Access Systems Ltd has produced the following statement of policy in respect of health and safety.

It is our aim to achieve a working environment which is free of work related accidents and ill health and to this end we will pursue continuing improvements from year to year.

We undertake to discharge our statutory duties by:

- Identifying hazards in the workplace, assessing the risks related to them and implementing appropriate preventative and protective measures;
- Providing and maintaining safe work equipment;
- Establishing and enforcing safe methods of work;
- Recruiting and appointing personnel who have the skills, abilities and competence commensurate with their role and level of responsibility;
- Ensuring that tasks given to employees are with their skills, knowledge and ability to perform;
- Ensuring that technical competence is maintained through the provision of refresher training as appropriate;
- Promoting awareness of health and safety and of good practice through the effective communications of relevant information;
- Furnishing sufficient fund needed to meet these objectives.

All employees on their part are encouraged to contribute actively towards achieving a working environment that is free of accidents and ill health.

The main objectives of our policy are to achieve a zero accident count by preventing accidents, complying with current legislation, maintaining a sound reputation for Health and Safety and fulfilling the needs of our training plan.

Our Health and Safety policy will be reviewed annually to monitor its effectiveness and to ensure that it reflects changing needs and circumstances.

This statement is to be read in conjunction with the responsibilities, arrangements, procedures and guidance that together form the Sesame Access Systems Ltd health and safety manual.

Signed: Alison Lyons
Alison Lyons

Designation: Director of Commercial Development

Date: 19-6-17



Certificate of Accreditation

This is to certify that

Sesame Access Systems Ltd

has achieved SafeContractor accreditation

Date: 18th August 2016

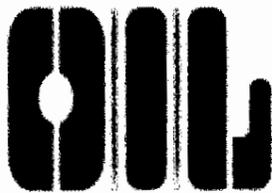
This certificate is valid until: 18th August 2017

Certificate number: CN6731

Signed:

Martin Smith
Alcumus CEO





SAFETY DATA SHEET NO.5

SECTION 1

PRODUCT AND COMPANY IDENTIFICATION

Revision Date 16th February 2012

PRODUCT

Product Name: LUBRICATING OILS
Product Description: Hydrocarbon Base Oils and Additives
Product Code: 2000 Series
Intended Use: Compressor / Hydraulic / Industrial Gear & Machine oils

COMPANY IDENTIFICATION

Supplier: OIL INVENTIONS LIMITED
LEAMORE CLOSE
LEAMORE ENTERPRISE PARK
WALSALL
WEST MIDLANDS
WS2 7NJ

Tel: 01922 476992 / 477904. **Fax:** 01922 710108
Email: info@oilinventions.co.uk

SECTION 2

HAZARDS IDENTIFICATION

This material is not considered to be hazardous according to regulatory guidelines see Section 15.

HEALTH HAZARDS

Low order of toxicity. Excessive exposure may result in eye, skin, or respiratory irritation. High-pressure injection under skin may cause serious damage.

Note: This material should not be used for any other purpose than the intended use in Section 1 without expert advice. Health studies have shown that chemical exposure may cause potential human health risks which may vary from person to person.

SECTION 3

COMPOSITION / INFORMATION ON INGREDIENTS

No Reportable Hazardous Substance(s) or Complex Substance(s).

SECTION 4

FIRST AID MEASURES

INHALATION

Remove from further exposure. For those providing assistance, avoid exposure to yourself or others. Use adequate respiratory protection. If respiratory irritation, dizziness, nausea, or unconsciousness occurs, seek immediate medical assistance. If breathing has stopped, assist

23/08/2013

LAND (ADR/RID) : Not Regulated for Land Transport

INLAND WATERWAYS (ADNR) : Not Regulated for Inland Waterways Transport

SEA (IMDG) : Not Regulated for Sea Transport according to IMDG-Code

| | |
|-------------------|-------------------------------|
| SECTION 15 | REGULATORY INFORMATION |
|-------------------|-------------------------------|

Material is not dangerous as defined by the EU Dangerous Substances/Preparations Directives.

EU LABELING: Not regulated according to EC Directives

| | |
|-------------------|--------------------------|
| SECTION 16 | OTHER INFORMATION |
|-------------------|--------------------------|

N/D = Not determined, N/A = Not applicable

The information and recommendations contained herein are, to the best of Oil Inventions knowledge and belief, accurate and reliable as of the date issued. You can contact Oil Inventions to insure that this document is the most current available from Oil Inventions. The information and recommendations are offered for the user's consideration and examination. It is the user's responsibility to satisfy itself that the product is suitable for the intended use. If a buyer repackages this product, it is the user's responsibility to insure proper health, safety and other necessary information is included with and/or on the container. Appropriate warnings and safe-handling procedures should be provided to handlers and users.

| Route of Exposure | Conclusion / Remarks |
|---|---|
| INHALATION | |
| Toxicity: LC50 > 5000 mg/m ³ | Minimally Toxic. Based on assessment of the components. |
| Irritation: No end point data. | Negligible hazard at ambient/normal handling temperatures. Based on assessment of the components. |
| INGESTION | |
| Toxicity: LD50 > 5000 mg/kg | Minimally Toxic. Based on test data for structurally similar materials. |
| Skin | |
| Toxicity: LD50 > 5000 mg/kg | Minimally Toxic. Based on test data for structurally similar materials. |
| Irritation: Data available. | Negligible irritation to skin at ambient temperatures. Based on assessment of the components. |
| Eye | |
| Irritation: Data available. | May cause mild, short-lasting discomfort to eyes. Based on assessment of the components. |

SECTION 12 ECOLOGICAL INFORMATION

The information given is based on data available for the material, the components of the material, and similar materials.

ECOTOXICITY

Material – Not expected to be harmful to aquatic organisms.

MOBILITY

Base oil component -- Low solubility and floats and is expected to migrate from water to the land. Expected to partition to sediment and wastewater solids.

PERSISTENCE AND DEGRADABILITY

Biodegradation:

Base oil component -- Expected to be inherently biodegradable

BIOACCUMULATION POTENTIAL

Base oil component -- Has the potential to bioaccumulate, however metabolism or physical properties may reduce the bioconcentration or limit bioavailability.

SECTION 13 DISPOSAL CONSIDERATIONS

Disposal recommendations based on material as supplied. Disposal must be in accordance with current applicable laws and regulations, and material characteristics at time of disposal.

DISPOSAL RECOMMENDATIONS

Product is suitable for burning in an enclosed controlled burner for fuel value or disposal by supervised incineration at very high temperatures to prevent formation of undesirable combustion products.

REGULATORY DISPOSAL INFORMATION

This material is considered as hazardous waste pursuant to Directive 91/689/EEC on hazardous waste, and subject to the provisions of that Directive unless Article 1(5) of that Directive applies.

Empty Container Warning Empty Container Warning (where applicable): Empty containers may contain residue and can be dangerous. Do not attempt to refill or clean containers without proper instructions. Empty drums should be completely drained and safely stored until appropriately reconditioned or disposed. Empty containers should be taken for recycling, recovery, or disposal through suitably qualified or licensed contractor and in accordance with governmental regulations. **DO NOT PRESSURISE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND, OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION. THEY MAY EXPLODE AND CAUSE INJURY OR DEATH.**

SECTION 14 TRANSPORT INFORMATION

Skin and Body Protection: Any specific clothing information provided is based on published literature or manufacturer data. The types of clothing to be considered for this material include:

No skin protection is ordinarily required under normal conditions of use. In accordance with good industrial hygiene practices, precautions should be taken to avoid skin contact.

Specific Hygiene Measures: Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Discard contaminated clothing and footwear that cannot be cleaned. Practice good housekeeping.

ENVIRONMENTAL CONTROLS

See Sections 6, 7, 12, 13.

| | |
|------------------|---|
| SECTION 9 | PHYSICAL AND CHEMICAL PROPERTIES |
|------------------|---|

Typical physical and chemical properties are given below. Consult the Supplier in Section 1 for additional data.

GENERAL INFORMATION

Physical State: Liquid
Colour: Amber
Odour: Characteristic
Odour Threshold: N/D

IMPORTANT HEALTH, SAFETY, AND ENVIRONMENTAL INFORMATION

Relative Density (at 15 C): 0.860 - 0.900
Flash Point [Method]: >150C
Autoignition Temperature: N/D
Boiling Point / Range: > 316C (600F)
pH: N/A
Solubility in Water: Negligible
Viscosity: 22 - 460 cST
Oxidising properties: See Sections 3, 15, 16.

OTHER INFORMATION

Freezing Point: N/D
Melting Point: N/A
Pour Point: -9°C
DMSO Extract (mineral oil only), IP-346: < 3 %wt

| | |
|-------------------|---------------------------------|
| SECTION 10 | STABILITY AND REACTIVITY |
|-------------------|---------------------------------|

STABILITY: Material is stable under normal conditions.

CONDITIONS TO AVOID: Excessive heat. High energy sources of ignition.

MATERIALS TO AVOID: Strong oxidisers

HAZARDOUS DECOMPOSITION PRODUCTS: Material does not decompose at ambient temperatures.

| | |
|-------------------|----------------------------------|
| SECTION 11 | TOXICOLOGICAL INFORMATION |
|-------------------|----------------------------------|

Acute Toxicity

material; however, geographic conditions, wind, temperature, (and in the case of a water spill) wave and current direction and speed may greatly influence the appropriate action to be taken. For this reason, local experts should be consulted. Note: Local regulations may prescribe or limit action to be taken.

ENVIRONMENTAL PRECAUTIONS

Large Spills: Dyke far ahead of liquid spill for later recovery and disposal. Prevent entry into waterways, sewers, basements or confined areas.

| | |
|------------------|-----------------------------|
| SECTION 7 | HANDLING AND STORAGE |
|------------------|-----------------------------|

HANDLING

Prevent small spills and leakage to avoid slip hazard.

Static Accumulator: This material is a static accumulator.

STORAGE

Do not store in open or unlabelled containers.

| | |
|------------------|--|
| SECTION 8 | EXPOSURE CONTROLS / PERSONAL PROTECTION |
|------------------|--|

Exposure limits/standards for materials that can be formed when handling this product: When mists / aerosols can occur, the following are recommended: 5 mg/m³ - ACGIH TLV, 10 mg/m³ - ACGIH STEL.

ENGINEERING CONTROLS

The level of protection and types of controls necessary will vary depending upon potential exposure conditions. Control measures to consider:

No special requirements under ordinary conditions of use and with adequate ventilation.

PERSONAL PROTECTION

Personal protective equipment selections vary based on potential exposure conditions such as applications, handling practices, concentration and ventilation. Information on the selection of protective equipment for use with this material, as provided below, is based upon intended, normal usage.

Respiratory Protection: If engineering controls do not maintain airborne contaminant concentrations at a level which is adequate to protect worker health, an approved respirator may be appropriate. Respirator selection, use, and maintenance must be in accordance with regulatory requirements, if applicable. Types of respirators to be considered for this material include:

No special requirements under ordinary conditions of use and with adequate ventilation.

For high airborne concentrations, use an approved supplied-air respirator, operated in positive pressure mode. Supplied air respirators with an escape bottle may be appropriate when oxygen levels are inadequate, gas/vapour warning properties are poor, or if air purifying filter capacity/rating may be exceeded.

Hand Protection: Any specific glove information provided is based on published literature and glove manufacturer data. Glove suitability and breakthrough time will differ depending on the specific use conditions. Contact the glove manufacturer for specific advice on glove selection and breakthrough times for your use conditions. Inspect and replace worn or damaged gloves. The types of gloves to be considered for this material include:

No protection is ordinarily required under normal conditions of use.

Eye Protection: If contact is likely, safety glasses with side shields are recommended.

ventilation with a mechanical device or use mouth-to-mouth resuscitation.

SKIN CONTACT

Wash contact areas with soap and water. If product is injected into or under the skin, or into any part of the body, regardless of the appearance of the wound or its size, the individual should be evaluated immediately by a physician as a surgical emergency.

EYE CONTACT

Flush thoroughly with water. If irritation occurs, get medical assistance.

INGESTION

First aid is normally not required. Seek medical attention if discomfort occurs.

SECTION 5 FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA

Appropriate Extinguishing Media: Use water fog, foam, dry chemical or carbon dioxide (CO₂) to extinguish flames.

Inappropriate Extinguishing Media: Straight streams of water

FIRE FIGHTING

Fire Fighting Instructions: Evacuate area. Prevent run-off from fire control or dilution from entering streams, sewers or drinking water supply. Fire-fighters should use standard protective equipment and in enclosed spaces, self-contained breathing apparatus (SCBA). Use water spray to cool fire exposed surfaces and to protect personnel.

Unusual Fire Hazards: Pressurised mists may form a flammable mixture.

Hazardous Combustion Products: Smoke, Fume, Aldehydes, Sulphur Oxides, Incomplete combustion products, Oxides of carbon

FLAMMABILITY PROPERTIES

Flash Point [Method]: >150C

Flammable Limits (Approximate volume % in air): LEL: 0.9 UEL: 7.0

Autoignition Temperature: N/D

SECTION 6 ACCIDENTAL RELEASE MEASURES

NOTIFICATION PROCEDURES

In the event of a spill or accidental release, notify relevant authorities in accordance with all applicable regulations.

SPILL MANAGEMENT

Land Spill: Stop leak if you can do so without risk. Recover by pumping or with suitable absorbent.

Water Spill: Stop leak if you can do so without risk. Confine the spill immediately with booms. Warn other shipping. Remove from the surface by skimming or with suitable absorbents. Seek the advice of a specialist before using dispersants.

Water spill and land spill recommendations are based on the most likely spill scenario for this

SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Page 1/6

PU18

Revision 1

Revision date 2012-09-20

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

1.1. Product identifier

| | |
|--------------|------|
| Product name | PU18 |
|--------------|------|

1.3. Details of the supplier of the safety data sheet

| | |
|-----------|---|
| Company | SEAL IT SERVICES LTD |
| Address | T/A BOND IT Unit G16 Riverbank Way, Lowfields Business Park, Elland, West Yorkshire HX5 9DN |
| Web | www.bond-it.co.uk |
| Telephone | 01422 315300 |
| Fax | 01422 315310 |
| Email | sales@bond-it.co.uk |

1.4. Emergency telephone number

| | |
|----------------------------|---|
| Emergency telephone number | 01422 315300 8.30AM - 5.30PM Mon-Fri |
|----------------------------|---|

Intended use

| | |
|--|-----------------------|
| | Polyurethane sealant. |
|--|-----------------------|

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

| | |
|------------------------------------|--|
| 2.1.1. Classification - 1999/45/EC | Xn; R20/21-40-42/43 Symbols: Xn: Harmful. |
| Main hazards | Harmful by inhalation and in contact with skin. Limited evidence of a carcinogenic effect. May cause sensitisation by inhalation and skin contact. |

2.2. Label elements

| | |
|----------------|--|
| Symbols | The product is classified in accordance with 67/548/EEC. Xn: Harmful.  |
| Risk phrases | R20/21 - Harmful by inhalation and in contact with skin. R40 - Limited evidence of a carcinogenic effect. R42/43 - May cause sensitisation by inhalation and skin contact. |
| Safety phrases | S1/2 - Keep locked up and out of the reach of children. S13 - Keep away from food, drink and animal feedingstuffs. S46 - If swallowed, seek medical advice immediately and show this container or label. |

2.3. Other hazards

PU18

Revision 1

Revision date 2012-09-20

2.3. Other hazards

| | |
|---------------|---------------------------------------|
| Other hazards | No data is available on this product. |
|---------------|---------------------------------------|

SECTION 3: Composition/information on ingredients

3.2. Mixtures

67/548/EEC / 1999/45/EC

| Chemical Name | Index No. | CAS No. | EC No. | REACH Registration Number | Conc. (%w/w) | Classification |
|--------------------------------|--------------|------------|-----------|---------------------------|--------------|--|
| Xylene | 601-022-00-9 | 1330-20-7 | 215-535-7 | | 10 - 20% | R10 Xn; R20/21 Xi; R38 |
| Methylenediphenyl diisocyanate | 615-005-00-9 | 26447-40-5 | 247-714-0 | | 0.5 - 1% | Carc. Cat. 3; R40 Xn; R20-48/20 Xi; R36/37/38 R42/43 |
| Mixed Aromatic Hydrocarbons | | 64742-95-6 | | | 0.5 - 1% | Xn; R65 Xi; R37 N; R51/53 R10-66-67 |

SECTION 4: First aid measures

4.1. Description of first aid measures

| | |
|--------------|---|
| Inhalation | Move the exposed person to fresh air. |
| Eye contact | Rinse immediately with plenty of water for 15 minutes holding the eyelids open. |
| Skin contact | Wash off immediately with plenty of soap and water. Remove contaminated clothing. |
| Ingestion | DO NOT INDUCE VOMITING. |

4.2. Most important symptoms and effects, both acute and delayed

| | |
|--------------|---|
| Inhalation | Harmful by inhalation. Inhalation may cause nausea and vomiting. May cause dizziness and headache. |
| Eye contact | May cause irritation to eyes. |
| Skin contact | May cause dermatitis. May cause irritation to skin. |
| Ingestion | Harmful if swallowed. Ingestion is irritating to the respiratory tract and may cause damage to the central nervous system. Ingestion may cause nausea and vomiting. |

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

| | |
|--------------|---|
| Inhalation | Seek medical attention. |
| Eye contact | Seek medical attention if irritation or symptoms persist. |
| Skin contact | Seek medical attention if irritation or symptoms persist. |
| Ingestion | If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label. |

SECTION 5: Firefighting measures

5.1. Extinguishing media

| | |
|--|---|
| | Use as appropriate: Carbon dioxide (CO2), Dry chemical, Foam. |
|--|---|

5.2. Special hazards arising from the substance or mixture

| | |
|--|---|
| | Burning produces irritating, toxic and obnoxious fumes. |
|--|---|

5.3. Advice for firefighters

| | |
|--|---|
| | Self-contained breathing apparatus. Wear protective clothing. |
|--|---|

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

| | |
|--|--|
| | Ensure adequate ventilation of the working area. Wear suitable protective equipment. |
|--|--|

6.2. Environmental precautions

| | |
|--|---|
| | Do not allow product to enter drains. Prevent further spillage if safe. |
|--|---|

6.3. Methods and material for containment and cleaning up

| | |
|--|--|
| | Absorb with inert, absorbent material. Transfer to suitable, labelled containers for disposal. Clean |
|--|--|

PU18

Revision 1

Revision date 2012-09-20

6.3. Methods and material for containment and cleaning up

| | |
|--|--|
| | spillage area thoroughly with plenty of water. |
|--|--|

6.4. Reference to other sections

| | |
|--|--|
| | See section 8. PPE, 13. DISPOSAL CONSIDERATIONS for further information. |
|--|--|

SECTION 7: Handling and storage**7.1. Precautions for safe handling**

| | |
|--|--|
| | Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Adopt best Manual Handling considerations when handling, carrying and dispensing. |
|--|--|

7.2. Conditions for safe storage, including any incompatibilities

| | |
|--|--|
| | Keep in a cool, dry, well ventilated area. Keep containers tightly closed. |
|--|--|

SECTION 8: Exposure controls/personal protection**8.1. Control parameters****8.1.1. Exposure Limit Values**

| | | |
|--------|---------------------------|-----------------------------|
| Xylene | WEL 8-hr limit ppm: 50 | WEL 8-hr limit mg/m3: 220 |
| | WEL 15 min limit ppm: 100 | WEL 15 min limit mg/m3: 441 |

8.2. Exposure controls**8.2.1. Appropriate engineering controls**

| | |
|--|--|
| | Ensure adequate ventilation of the working area. |
|--|--|

8.2.2. Individual protection measures

| | |
|--|------------------------------------|
| | Wear chemical protective clothing. |
|--|------------------------------------|

Eye / face protection

| | |
|--|--------------------------|
| | Approved safety goggles. |
|--|--------------------------|

Skin protection - Handprotection

| | |
|--|----------------------------------|
| | Chemical resistant gloves (PVC). |
|--|----------------------------------|

Respiratory protection

| | |
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| | Self-contained breathing apparatus. Wear protective clothing. |
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SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

PU18

Revision 1

Revision date 2012-09-20

9.1. Information on basic physical and chemical properties

| | |
|---------------------------------|-------------------------|
| State | Paste |
| Colour | White |
| Odour | Characteristic |
| pH | No data available |
| Melting point | No data available |
| Freezing Point | No data available |
| Boiling point | 137 °C |
| Flash point | No data available |
| Evaporation rate | No data available |
| Flammability limits | No data available |
| Vapour Flammability | No data available |
| Vapour pressure | No data available |
| Vapour density | No data available |
| Relative density | 1.3 (Water = 1 @ 20 °C) |
| Fat Solubility | No data available |
| Partition coefficient | No data available |
| Autoignition temperature | 200 °C |
| Viscosity | Not applicable. |
| Explosive | No data available |
| Oxidising | No data available |
| Solubility | Insoluble in water |

9.2. Other information

| | |
|------------------------|-------------------|
| Conductivity | No data available |
| Surface tension | No data available |
| Gas group | No data available |

SECTION 10: Stability and reactivity

10.1. Reactivity

No data is available on this product.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No data is available on this product.

10.4. Conditions to avoid

No data is available on this product.

10.5. Incompatible materials

No data is available on this product.

10.6. Hazardous decomposition products

No data is available on this product.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity Harmful by inhalation. Harmful if swallowed.

11.1.4. Toxicological Information

No data available

SECTION 12: Ecological information

12.1. Toxicity

PU18

Revision 1

Revision date 2012-09-20

12.1. Toxicity

No data available

12.5. Results of PBT and vPvB assessment

No data is available on this product.

12.6. Other adverse effects

No data is available on this product.

SECTION 13: Disposal considerations**General information**

Dispose of in compliance with all local and national regulations.

Disposal methods

Dispose of in compliance with all local and national regulations.

Disposal of packaging

Do NOT reuse empty containers.

SECTION 14: Transport information**14.6. Special precautions for user**

No data is available on this product.

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

No data is available on this product.

ADR/RID

The product is not classified as dangerous for carriage.

IMDG

The product is not classified as dangerous for carriage.

IATA

The product is not classified as dangerous for carriage.

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****Regulations**

REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.

SECTION 16: Other information**Other information****Revision**

This document differs from the previous version in the following areas:.

- 1 - Intended use.
- 2 - Other hazards.
- 2 - 2.1. Classification of the substance or mixture.
- 4 - Skin contact.
- 4 - Eye contact.
- 4 - Inhalation.
- 4 - Ingestion.
- 4 - Inhalation.
- 4 - Eye contact.
- 4 - Skin contact.
- 4 - Ingestion.
- 4 - Inhalation.

PU18

Revision 1

Revision date 2012-09-20

Other information

| | |
|-----------------------------------|---|
| | <p>4 - Eye contact. 4 - Skin contact. 4 - Ingestion. 6 - 6.4. Reference to other sections. 9 - 9.1. Information on basic physical and chemical properties (Relative density). 9 - 9.1. Information on basic physical and chemical properties (Viscosity). 10 - 10.4. Conditions to avoid. 10 - 10.3. Possibility of hazardous reactions. 10 - 10.6. Hazardous decomposition products. 10 - 10.1. Reactivity. 10 - 10.5. Incompatible materials. 11 - Acute toxicity. 12 - 12.5. Results of PBT and vPvB assessment. 12 - 12.6. Other adverse effects. 13 - Disposal methods. 13 - Disposal of packaging. 14 - 14.6. Special precautions for user. 14 - 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code. 15 - Labelling. 15 - Risk phrases. 15 - Regulations.</p> |
| Text of risk phrases in Section 3 | <p>R10 - Flammable R20/21 - Harmful by inhalation and in contact with skin. R20 - Harmful by inhalation. R36/37/38 - Irritating to eyes, respiratory system and skin. R37 - Irritating to respiratory system. R38 - Irritating to skin. R40 - Limited evidence of a carcinogenic effect. R42/43 - May cause sensitisation by inhalation and skin contact. R48/20 - Harmful: danger of serious damage to health by prolonged exposure through inhalation. R51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R65 - Harmful: may cause lung damage if swallowed. R66 - Repeated exposure may cause skin dryness or cracking. R67 - Vapours may cause drowsiness and dizziness.</p> |

Further information

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| | <p>The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.</p> |
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