Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II, as amended by Regulation (EU) No. 2015/830. - United Kingdom (UK)

SAFETY DATA SHEET

Intersleek 737 Pink Part A

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

1.1 Product identifier

Product name

: Intersleek 737 Pink Part A

Product code

: BXA736

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

| Identified uses | | |
|-----------------------------------------------|--------|--|
| Professional application of coatings and inks | | |
| Uses advised against | Reason | |
| All Other Uses | | |

1.3 Details of the supplier of the safety data sheet

| Notional contract | |
|------------------------------------------------------|------------------------------|
| e-mail address of person responsible for this SDS | : sdsfellinguk@akzonobel.com |
| NE10 0JY UK Tel: +44 (0)191 469 6111 | Fax: +44 (0)191 438 3711 |
| Tyne and Wear | |
| Gateshead | |
| Felling | |
| Stoneygate Lane | |
| International Paint Ltd. | |
| | - |

National contact

1.4 Emergency telephone number

| National advisory body | /Poison Centre (For use only by licensed medical professionals.) |
|------------------------|------------------------------------------------------------------|
| Telephone number | : +44 (0)844 892 0111 |
| <u>Supplier</u> | |
| Telephone number | : +44 (0)191 469 6111 (24H) |

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Product definition : Mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

Flam. Liq. 3, H226 Eye Irrit. 2, H319 Aquatic Chronic 3, H412 The product is classified as hazardous according to Regulation (EC) 1272/2008 as amended.

See Section 16 for the full text of the H statements declared above.

See Section 11 for more detailed information on health effects and symptoms.

2.2 Label elements



SECTION 2: Hazards identification

| Hazard pictograms | |
|---------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Signal word | : Warning |
| Hazard statements | Flammable liquid and vapour. Causes serious eye irritation. Harmful to aquatic life with long lasting effects. |
| Precautionary statements | |
| Prevention | : Wear protective gloves. Wear eye or face protection. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Avoid release to the environment. |
| Response | : IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. IF IN EYES: Rinse cautiously with water for several minutes. |
| Storage | : Keep cool. |
| Disposal | : Dispose of contents and container in accordance with all local, regional, national and international regulations. |
| Supplemental label elements | : Contains Fatty acids, tall-oil, esters with polyethylene glycol mono(hydrogen maleate), compds. with amides from diethylenetriamine and tall-oil fatty acids. May produce an allergic reaction. Wear appropriate respirator when ventilation is inadequate. |
| | wear appropriate respirator when ventilation is madequate. |
| Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles | : Not applicable. |

| 2.3 Other hazards | | |
|------------------------------|---|-------------|
| Other hazards which do | : | None known. |
| not result in classification | | |

SECTION 3: Composition/information on ingredients

| 3.2 Mixtures | : Mixture | | | | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|---------|
| Product/ingredient name | Identifiers | % by weight | <u>Classification</u> Regulation (EC) No. 1272/2008 [CLP] | Nota (s) | Туре |
| 5-methylhexan-2-one | EC: 203-737-8 CAS: 110-12-3 Index: 606-026-00-4 | ≥10 - ≤25 | Flam. Liq. 3, H226 Acute Tox. 4, H332 Eye Irrit. 2, H319 | - | [1] [2] |
| Fatty acids, tall-oil, esters with polyethylene glycol mono(hydrogen maleate), compds. with amides from diethylenetriamine and tall-oil fatty acids | CAS: 222716-38-3 | <1 | Acute Tox. 4, H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 Skin Sens. 1, H317 STOT RE 2, H373 Aquatic Acute 1, H400 (M=1) Aquatic Chronic 1, H410 (M=1) | - | [1] |
| - | | | See Section 16 for the full text of the H statements declared above. | | |

:



SECTION 3: Composition/information on ingredients

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment, are PBTs or vPvBs or have been assigned a workplace exposure limit and hence require reporting in this section.

Туре

[1] Substance classified with a health or environmental hazard

- [2] Substance with a workplace exposure limit
- [3] Substance meets the criteria for PBT according to Regulation (EC) No. 1907/2006, Annex XIII
- [4] Substance meets the criteria for vPvB according to Regulation (EC) No. 1907/2006, Annex XIII
- [5] Substance of equivalent concern

Occupational exposure limits, if available, are listed in Section 8.

| | Nota (s) |
|-------------------------------|-------------|
| SECTION 4: First aid measures | |

4.1 Description of first aid measures

| General | In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and seek medical advice. |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Eye contact | Remove contact lenses, irrigate copiously with clean, fresh water, holding the eyelids apart for at least 10 minutes and seek immediate medical advice. |
| Inhalation | Remove to fresh air. Keep person warm and at rest. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. |
| Skin contact | Remove contaminated clothing and shoes. Wash skin thoroughly with soap and water or use recognised skin cleanser. Do NOT use solvents or thinners. |
| Ingestion | : If swallowed, seek medical advice immediately and show the container or label. Keep person warm and at rest. Do NOT induce vomiting. |
| Protection of first-aiders | : No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. |

4.2 Most important symptoms and effects, both acute and delayed

Potential acute health effects

| | 2 |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| Eye contact | : Causes serious eye irritation. |
| Inhalation | : No known significant effects or critical hazards. |
| Skin contact | : No known significant effects or critical hazards. |
| Ingestion | : Irritating to mouth, throat and stomach. |
| Over-exposure signs/sympto | oms |
| Eye contact | : Adverse symptoms may include the following: pain or irritation watering redness |
| Inhalation | : Adverse symptoms may include the following: headache drowsiness/fatigue dizziness/vertigo muscle weakness unconsciousness |
| Skin contact | : No specific data. |
| Ingestion | : No specific data. |
| | |

4.3 Indication of any immediate medical attention and special treatment needed

| Notes to physician | : Treat symptomatically. Contact poison treatment specialist immediately if large |
|---------------------|-----------------------------------------------------------------------------------|
| | quantities have been ingested or inhaled. |
| Specific treatments | : No specific treatment. |





SECTION 5: Firefighting measures

| 5.1 Extinguishing media Suitable extinguishing media | : | Use dry chemical, CO ₂ , water spray (fog) or foam. |
|------------------------------------------------------------|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Unsuitable extinguishing media | : | Do not use water jet. |
| 5.2 Special hazards arising | from | the substance or mixture |
| Hazards from the substance or mixture | : | Flammable liquid and vapour. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. Runoff to sewer may create fire or explosion hazard. This material is harmful to aquatic life with long lasting effects. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain. |
| Hazardous thermal decomposition products | : | Decomposition products may include the following materials: carbon dioxide carbon monoxide sulfur oxides metal oxide/oxides |
| 5.3 Advice for firefighters | | |
| Special protective actions for fire-fighters | : | Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool. |
| Special protective equipment for fire-fighters | : | Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents. |

SECTION 6: Accidental release measures

| 6.1 Personal precautions, pro | tective equipment and emergency procedures |
|--------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| For non-emergency personnel | : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing vapour or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment. |
| For emergency responders | : If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel". |
| 6.2 Environmental precautions | : Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). Water polluting material. May be harmful to the environment if released in large quantities. |
| 6.2 Methods and metarial for | containment and elegning up |

6.3 Methods and material for containment and cleaning up

Small spill: Stop leak if without risk. Move containers from spill area. Use spark-proof tools and
explosion-proof equipment. Dilute with water and mop up if water-soluble.
Alternatively, or if water-insoluble, absorb with an inert dry material and place in an
appropriate waste disposal container. Dispose of via a licensed waste disposal
contractor.



SECTION 6: Accidental release measures

| Large spill | : Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Approach the release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilt product. |
|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 6.4 Reference to other sections | : See Section 1 for emergency contact information. See Section 8 for information on appropriate personal protective equipment. See Section 13 for additional waste treatment information. |

SECTION 7: Handling and storage

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

7.1 Precautions for safe handling

| Protective measures | : Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapour or mist. Avoid release to the environment. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use only non-sparking tools. Take precautionary measures against electrostatic discharges. Empty containers retain product residue and can be hazardous. Do not reuse container. |
|----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Advice on general occupational hygiene | : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures. |

7.2 Conditions for safe storage, including any incompatibilities

Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Eliminate all ignition sources. Vapours are heavier than air and may spread along floors. Separate from oxidizing materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination.

| 7.3 Specific end use(s) | |
|--------------------------------------|------------------|
| Recommendations | : Not available. |
| Industrial sector specific solutions | : Not available. |

SECTION 8: Exposure controls/personal protection

The information in this section contains generic advice and guidance. Information is provided based on typical anticipated uses of the product. Additional measures might be required for bulk handling or other uses that could significantly increase worker exposure or environmental releases.

8.1 Control parameters

Occupational exposure limits



X.International.

| BXA736 Intersieek 737 Pink Part | A | | | |
|------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|
| SECTION 8: Exposure | e controls/pe | ersonal protection | | |
| Product/ingredien | t name | Exposure limit values | | |
| 5-methylhexan-2-one | | EH40/2005 WELs (United Kingdom (UK), 12/2011). Absorbed through skin. STEL: 475 mg/m ³ 15 minutes. STEL: 100 ppm 15 minutes. TWA: 95 mg/m ³ 8 hours. TWA: 20 ppm 8 hours. | | |
| Recommended monitoring procedures | atmosphere or b of the ventilation protective equip the following: E the assessment limit values and atmospheres - (of exposure to c (Workplace atm for the measure | ontains ingredients with exposure limits, personal, workplace biological monitoring may be required to determine the effectiveness in or other control measures and/or the necessity to use respiratory ment. Reference should be made to monitoring standards, such as uropean Standard EN 689 (Workplace atmospheres - Guidance for c of exposure by inhalation to chemical agents for comparison with measurement strategy) European Standard EN 14042 (Workplace Guide for the application and use of procedures for the assessment chemical and biological agents) European Standard EN 482 nospheres - General requirements for the performance of procedures ment of chemical agents) Reference to national guidance nethods for the determination of hazardous substances will also be | | |
| DNELs/DMELs No DNELs/DMELs available. | | | | |
| <u>PNECs</u> No PNECs available | | | | |
| 8.2 Exposure controls | | | | |
| Appropriate engineering controls | ventilation or ot contaminants b controls also ne | dequate ventilation. Use process enclosures, local exhaust ther engineering controls to keep worker exposure to airborne below any recommended or statutory limits. The engineering to keep gas, vapour or dust concentrations below any lower . Use explosion-proof ventilation equipment. | | |
| Individual protection measur | es | | | |
| Hygiene measures | before eating, s Appropriate teo Wash contamir | brearms and face thoroughly after handling chemical products, smoking and using the lavatory and at the end of the working period. Indiques should be used to remove potentially contaminated clothing. Inated clothing before reusing. Ensure that eyewash stations and are close to the workstation location. | | |
| Eye/face protection | assessment inc gases or dusts. | complying with an approved standard should be used when a risk dicates this is necessary to avoid exposure to liquid splashes, mists, If contact is possible, the following protection should be worn, essment indicates a higher degree of protection: chemical splash | | |
| Skin protection | | | | |
| Hand protection | against chemic gloves. When protection class 374) is recomm protection class according to EN of type of glove into account the assessment. N and duration of workplace facto | esistant gloves classified under Standard EN 374: Protective gloves als and micro-organisms. Recommended: Viton® or Nitrile prolonged or frequently repeated contact may occur, a glove with a s of 6 (breakthrough time greater than 480 minutes according to EN hended. When only brief contact is expected, a glove with a s of 2 or higher (breakthrough time greater than 30 minutes N 374) is recommended. The user must check that the final choice eselected for handling this product is the most appropriate and takes e particular conditions of use, as included in the user's risk IOTICE: The selection of a specific glove for a particular application use in a workplace should also take into account all relevant ors such as, but not limited to: Other chemicals which may be cal requirements (cut/ouncture protection, dexterity, thermal | | |

handled, physical requirements (cut/puncture protection, dexterity, thermal protection), potential body reactions to glove materials, as well as the instructions/ specifications provided by the glove supplier. Barrier creams may help to protect



| SECTION 8: Exposu | SECTION 8: Exposure controls/personal protection | | | | | | |
|---------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|--|
| | the exposed areas of the skin but should not be applied once exposure has occurred. | | | | | | |
| Body protection | : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. When there is a risk of ignition from static electricity, wear anti-static protective clothing. For the greatest protection from static discharges, clothing should include anti-static overalls, boots and gloves. Refer to European Standard EN 1149 for further information on material and design requirements and test methods. | | | | | | |
| Other skin protection | Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. | | | | | | |
| Respiratory protection | : Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator. | | | | | | |
| Environmental exposure controls | : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels. | | | | | | |

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

| <u>Appearance</u> | | |
|-------------------------------------------------|---|-------------------------------------------------------------------|
| Physical state | : | Liquid. |
| Colour | : | Red. |
| Odour | : | Solvent. |
| Odour threshold | : | Not available. |
| рН | : | Not applicable. |
| Melting point/freezing point | : | Not available. |
| Initial boiling point and boiling range | : | Lowest known value: 144°C (291.2°F) (5-methylhexan-2-one). |
| Flash point | : | Closed cup: 36°C |
| Evaporation rate | : | Not available. |
| Flammability (solid, gas) | : | Not available. |
| Upper/lower flammability or explosive limits | : | Greatest known range: Lower: 1.8% Upper: 9% (5-methylhexan-2-one) |
| Vapour pressure | : | Not available. |
| Vapour density | : | Not available. |
| Relative density | : | 1.57 |
| Solubility(ies) | : | Insoluble in the following materials: cold water. |
| Partition coefficient: n-octanol/ water | : | Not available. |
| Auto-ignition temperature | : | Not available. |
| Decomposition temperature | : | Not available. |
| Viscosity | : | Kinematic (room temperature): 243 mm ² /s |
| Explosive properties | : | Not available. |
| Oxidising properties | : | Not available. |
| | | |

9.2 Other information

No additional information.

:

AkzoNobel

SECTION 10: Stability and reactivity 10.1 Reactivity : No specific test data related to reactivity available for this product or its ingredients. **10.2 Chemical stability** : The product is stable. 10.3 Possibility of : Under normal conditions of storage and use, hazardous reactions will not occur. hazardous reactions 10.4 Conditions to avoid : Avoid all possible sources of ignition (spark or flame). Do not pressurise, cut, weld, braze, solder, drill, grind or expose containers to heat or sources of ignition. : Reactive or incompatible with the following materials: 10.5 Incompatible materials oxidizing materials 10.6 Hazardous : Under normal conditions of storage and use, hazardous decomposition products decomposition products should not be produced.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

| Product/ingredient name | Result | Species | Dose | Exposure |
|-------------------------|-----------|---------|------------|----------|
| 5-methylhexan-2-one | LD50 Oral | Rat | 3200 mg/kg | - |

Conclusion/Summary : Not available.

Acute toxicity estimates

| Route | ATE value |
|----------------------|------------|
| Inhalation (vapours) | 49.77 mg/l |

Irritation/Corrosion

| Product/ingredient name | Result | Species | Score | Exposure | Observation |
|-------------------------------|----------------------------|---------|-------|-----------------------------|-------------|
| 5-methylhexan-2-one | Eyes - Mild irritant | Rabbit | - | 24 hours 100 microliters | - |
| Conclusion/Summary | : Not available. | | | | |
| <u>Sensitisation</u> | | | | | |
| Conclusion/Summary | : Not available. | | | | |
| <u>Mutagenicity</u> | | | | | |
| Conclusion/Summary | : Not available. | | | | |
| Carcinogenicity | | | | | |
| Conclusion/Summary | : Not available. | | | | |
| Reproductive toxicity | | | | | |
| Conclusion/Summary | : Not available. | | | | |
| Teratogenicity | | | | | |
| Conclusion/Summary | : Not available. | | | | |
| Specific target organ toxicit | <u>y (single exposure)</u> | | | | |
| Not available. | | | | | |

Specific target organ toxicity (repeated exposure)

| Product/ingredient name | Category | Route of exposure | Target organs |
|------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|-------------------|----------------|
| Fatty acids, tall-oil, esters with polyethylene glycol mono (hydrogen maleate), compds. with amides from diethylenetriamine and tall-oil fatty acids | Category 2 | Not determined | Not determined |

AkzoNobel

SECTION 11: Toxicological information

Aspiration hazard

Not available.

| Information on likely routes of exposure | : | Not available. |
|------------------------------------------|------|------------------------------------------------------------------------------------------------------------------------------------------|
| Potential acute health effects | 2 | |
| Eye contact | : | Causes serious eye irritation. |
| Inhalation | : | No known significant effects or critical hazards. |
| Skin contact | : | No known significant effects or critical hazards. |
| Ingestion | : | Irritating to mouth, throat and stomach. |
| Symptoms related to the phy | vsic | al, chemical and toxicological characteristics |
| Eye contact | : | Adverse symptoms may include the following: pain or irritation watering redness |
| Inhalation | : | Adverse symptoms may include the following: headache drowsiness/fatigue dizziness/vertigo muscle weakness unconsciousness |
| Skin contact | : | No specific data. |
| Ingestion | : | No specific data. |
| Delayed and immediate effect | ts | as well as chronic effects from short and long-term exposure |
| Short term exposure | | |
| Potential immediate effects | : | Not available. |
| Potential delayed effects | : | Not available. |
| Long term exposure | | |
| Potential immediate effects | : | Not available. |
| Potential delayed effects | : | Not available. |
| Potential chronic health effe | ect | <u>s</u> |
| Not available. | | |
| Conclusion/Summary | : | Not available. |
| General | : | No known significant effects or critical hazards. |
| Carcinogenicity | : | No known significant effects or critical hazards. |
| Mutagenicity | : | No known significant effects or critical hazards. |
| Teratogenicity | : | No known significant effects or critical hazards. |

- Teratogenicity: No known significant effects or critical hazards.Developmental effects: No known significant effects or critical hazards.
- **Fertility effects** : No known significant effects or critical hazards.

Other information

: Not available.

Date of issue/Date of revision

Version : 3

9/13

:

AkzoNobel

XInternational.

SECTION 12: Ecological information

12.1 Toxicity

| Product/ingredient name | Result | Species | Exposure |
|-------------------------|------------------------------------|----------------------------|----------|
| 5-methylhexan-2-one | Acute LC50 159000 µg/l Fresh water | Fish - Pimephales promelas | 96 hours |
| Conclusion/Summary | : Not available. | · | |

12.2 Persistence and degradability

Conclusion/Summary : Not available.

12.3 Bioaccumulative potential

| Product/ingredient name | LogPow | BCF | Potential |
|-------------------------|--------|-----|-----------|
| 5-methylhexan-2-one | 1.88 | - | low |

12.4 Mobility in soil

| Soil/water partition coefficient (Koc) | : Not available. |
|-------------------------------------------|------------------|
| Mobility | : Not available. |

12.5 Results of PBT and vPvB assessment

| PBT | : Not applicable. |
|------|-------------------|
| vPvB | : Not applicable. |

12.6 Other adverse effects : No known significant effects or critical hazards.

SECTION 13: Disposal considerations

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

13.1 Waste treatment methods

| Product | |
|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Methods of disposal | The generation of waste should be avoided or minimised wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. |
| Hazardous waste | : The classification of the product may meet the criteria for a hazardous waste. |

European waste catalogue (EWC)

| Code number | Waste designation | | |
|---------------------|-------------------------------------------------------------------------------------|--|--|
| EWC 08 01 11* | waste paint and varnish containing organic solvents or other hazardous substances | | |
| Packaging | | | |
| Methods of disposal | : | | |
| Special precautions | : This material and its container must be disposed of in a safe way. Care should be | | |

| pecial precautions | : This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Vapour from product residues may create a highly flammable or explosive atmosphere inside the container. Do not cut, weld or grind used containers unless they have been cleaned thoroughly internally. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. |
|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | ······································ |

10/13

:



K.International.

SECTION 14: Transport information

| | ADR/RID | IMDG | ΙΑΤΑ |
|------------------------------------|-------------------------------------------------------|--------|--------|
| 14.1 UN number | UN1263 | UN1263 | UN1263 |
| 14.2 UN proper shipping name | PAINT | PAINT | PAINT |
| 14.3 Transport hazard class(es) | 3 | 3 | 3 |
| 14.4 Packing group | 111 | | |
| 14.5 Environmental hazards | No. | No. | No. |
| Additional information | Special provisions 640 (E) Tunnel code (D/E) | - | - |

IMDG Code Segregation : Not applicable. group

14.6 Special precautions for : Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

| 14.7 Transport in bulk | : Not available. |
|--------------------------|------------------|
| according to Annex II of | |
| Marpol and the IBC Code | |

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture <u>EU Regulation (EC) No. 1907/2006 (REACH)</u>

Annex XIV - List of substances subject to authorisation

Annex XIV

Substances of very high concern

None of the components are listed.

Annex XVII - Restrictions : Not applicable. on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles

Other EU regulations

Europe inventory : Not determined.

Special packaging requirements

Containers to be fitted : Not applicable. with child-resistant fastenings

:

27/04/2017

AkzoNobel

SECTION 15: Regulatory information

| SECTION 15: Regula | |
|------------------------------------|------------------------------------------------------------------------------------------------------------------|
| Tactile warning of danger | : Not applicable. |
| Ozone depleting substan | <u>ces (1005/2009/EU)</u> |
| Not listed. | |
| Prior Informed Consent (I | <u>PIC) (649/2012/EU)</u> |
| Not listed. | |
| Type (Antifouling) | : Foul Release Coating Type - Biocide-free silicone |
| Application methods: | : |
| IMO | : Compliant with the International Convention on the Control of Harmful Antifouling Systems on Ships, 2001. |
| National regulations | |
| Biocidal products regulati | <u>on</u> |
| References | : Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II and Regulation (EC) No. 1272/2008 (CLP) |
| 15.2 Chemical safety assessment | : No Chemical Safety Assessment has been carried out. |
| SECTION 16: Other | information |
| Indicates information that | has changed from previously issued version. |
| Abbreviations and acronyms | : ATE = Acute Toxicity Estimate CLP = Classification, Labelling and Packaging Regulation (Regulation (EC) No. |

| Appreviations and | : ATE = Acute Toxicity Estimate |
|-------------------|-------------------------------------------------------------------------------|
| acronyms | CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. |
| - | 1272/2008] |
| | DMEL = Derived Minimal Effect Level |
| | DNEL = Derived No Effect Level |
| | EUH statement = CLP-specific Hazard statement |
| | PBT = Persistent, Bioaccumulative and Toxic |
| | PNEC = Predicted No Effect Concentration |
| | RRN = REACH Registration Number |
| | vPvB = Very Persistent and Very Bioaccumulative |
| | |

Procedure used to derive the classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

| Classification | | Justification |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Flam. Liq. 3, H226 Eye Irrit. 2, H319 Aquatic Chronic 3, H412 | | On basis of test data Calculation method Calculation method |
| quatic Chronic 3, H412 Ill text of abbreviated H : atements : H226 H302 H315 H317 H318 H319 H332 H373 H400 H410 | | Flammable liquid and vapour. Harmful if swallowed. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye damage. Causes serious eye irritation. Harmful if inhaled. May cause damage to organs through prolonged or repeated exposure. Very toxic to aquatic life. Very toxic to aquatic life with long lasting effects. Harmful to aquatic life with long lasting effects. |

:



X.International.

SECTION 16: Other information

| Full text of classifications [CLP/GHS] | : | Aquatic Chronic 1, H410 | ACUTE TOXICITY (oral) - Category 4 ACUTE TOXICITY (inhalation) - Category 4 ACUTE AQUATIC HAZARD - Category 1 LONG-TERM AQUATIC HAZARD - Category 1 LONG-TERM AQUATIC HAZARD - Category 3 SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 1 SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2 FLAMMABLE LIQUIDS - Category 3 SKIN CORROSION/IRRITATION - Category 2 SKIN SENSITIZATION - Category 1 SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 2 |
|-------------------------------------------|---|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Date of printing | : | 27/04/2017 | |
| Date of issue/ Date of revision | : | 27/04/2017 | |
| Date of previous issue | : | 13/06/2016 | |
| Version | : | 3 | |

Notice to reader

IMPORTANT NOTE: the information contained in this data sheet (as may be amended from time to time) is not intended to be exhaustive and is presented in good faith and believed to be correct as of the date on which it is prepared. It is the user's responsibility to verify that this data sheet is current prior to using the product to which it relates.

Persons using the information must make their own determinations as to the suitability of the relevant product for their purposes prior to use. Where those purposes are other than as specifically recommended in this safety data sheet, then the user uses the product at their own risk.

MANUFACTURER'S DISCLAIMER: the conditions, methods and factors affecting the handling, storage, application, use and disposal of the product are not under the control and knowledge of the manufacturer. Therefore the manufacturer does not assume responsibility for any adverse events which may occur in the handling, storage, application, use, misuse or disposal of the product and, so far as permitted by applicable law, the manufacturer expressly disclaims liability for any and all loss, damages and/or expenses arising out of or in any way connected to the storage, handling, use or disposal of the product. Safe handling, storage, use and disposal are the responsibility of the users. Users must comply with all applicable health and safety laws.

Unless we have agreed to the contrary, all products are supplied by us subject to our standard terms and conditions of business, which include limitations of liability. Please make sure to refer to these and / or the relevant agreement which you have with AkzoNobel (or its affiliate, as the case may be). © AkzoNobel

