

Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II, as amended by UK REACH Regulation SI 2019/758

# SAFETY DATA SHEET

SKJ17G INT D1036 GLOSS RAL6017 SN85 25KG

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

1.1 Product identifier	
Product name	: SKJ17G INT D1036 GLOSS RAL6017 SN85 25KG
SDS code	: 8005954
	SKJ17G/25KG

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

	Identified uses	
Industrial use		
	Uses advised against	
All other uses		
Product use	Electrostatic coating for use in industrial plants	

Product use

: Electrostatic coating for use in industrial plants

### 1.3 Details of the supplier of the safety data sheet

AkzoNobel Powder Coatings Limited Stoneygate Lane, Felling, Gateshead. NE10 0JY United Kingdom e-mail address of person : sdsfellinguk@akzonobel.com responsible for this SDS <u>National contact</u> 01 8092566 or 01 8379964

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### **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]

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.

Date of issue/Date of revision	: 20-6-2023	Version : 3.02	
Date of previous issue	: 18-5-2023	1/15	AkzoNobel

### **SECTION 2: Hazards identification**

2.2 Label elements		
Signal word	:	No signal word.
Hazard statements	:	Harmful to aquatic life with long lasting effects.
Precautionary statements		
Prevention	:	Avoid release to the environment.
Response	:	Not applicable.
Storage	:	Not applicable.
Disposal	:	Dispose of contents and container in accordance with all local, regional, national and international regulations.
Supplemental label elements	:	Not applicable.
Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles	:	
Special packaging requirem	en	<u>ts</u>
Containers to be fitted with child-resistant fastenings	:	Not applicable.
Tactile warning of danger	:	Not applicable.
2.3 Other hazards		
Product meets the criteria for PBT or vPvB according to Regulation (EC) No. 1907/2006, Annex XIII	:	This mixture does not contain any substances that are assessed to be a PBT or a vPvB.
Other hazards which do not result in classification	:	May form combustible dust concentrations in air.

## **SECTION 3: Composition/information on ingredients**

Product/ingredient name	Identifiers	%	Classification	Specific Conc. Limits, M-factors and ATEs	Туре
antimony nickel titanium oxide yellow	REACH #: 01-2119491302-44 EC: 232-353-3 CAS: 8007-18-9	≤3	Not classified.	-	[2]
3,9-bis(2,4-di-tert- butylphenoxy) -2,4,8,10-tetraoxa- 3,9-diphosphaspiro[5.5] undecane	EC: 247-952-5 CAS: 26741-53-7	≤1	Aquatic Chronic 1, H410	M [Chronic] = 1	[1]
			See Section 16 for the full text of the H statements declared above.		

Date of issue/Date of revision	: 20-6-2023	Version : 3.02	
Date of previous issue	: 18-5-2023	2/15	AkzoNobel

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### **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, vPvBs or Substances of equivalent concern, or have been assigned a workplace exposure limit and hence require reporting in this section. <u>Type</u>

[1] Substance classified with a health or environmental hazard

[2] Substance with a workplace exposure limit

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

### **SECTION 4: First aid measures**

### 4.1 Description of first aid measures

Eye contact	: Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
Inhalation	: Remove victim to fresh air and keep at rest in a position comfortable for breathing. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
Skin contact	: Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
Ingestion	: Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel.
Protection of first-aiders	: No action shall be taken involving any personal risk or without suitable training.

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

There are no data available on the mixture itself. The mixture has been assessed following the conventional method of the CLP Regulation (EC) No 1272/2008 and is classified for toxicological properties accordingly. See Sections 2 and 3 for details.

This takes into account, where known, delayed and immediate effects and also chronic effects of components from short-term and long-term exposure by oral, inhalation and dermal routes of exposure and eye contact. Coating powders can cause localised skin irritation in folds of the skin or under tight clothing.

### **Over-exposure signs/symptoms**

Eye contact	: Adverse symptoms may include the following: irritation redness
Inhalation	: Adverse symptoms may include the following: respiratory tract irritation coughing
Skin contact	: No specific data.
Ingestion	: No specific data.

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

Notes to physician	: In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
Spacific treatments	No specific treatment



## **SECTION 5: Firefighting measures**

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5.1 Extinguishing media	
Suitable extinguishing media	: Use dry chemical powder.
Unsuitable extinguishing media	: Avoid high pressure media which could cause the formation of a potentially explosible dust-air mixture.
5.2 Special hazards arising fr	om the substance or mixture
Hazards from the substance or mixture	: May form explosible dust-air mixture if dispersed. 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 combustion products	: Decomposition products may include the following materials: carbon dioxide carbon monoxide nitrogen oxides 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.
<b>SECTION 6: Accident</b>	tal 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 dust. 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.
6.3 Methods and material for	containment and cleaning up
Small spill	: Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Vacuum or sweep up material and place in a designated, labelled waste container. Dispose of via a licensed waste disposal contractor.

Large spill : 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. Vacuum or sweep up material and place in a designated, labelled waste container. Avoid creating dusty conditions and prevent wind dispersal. Dispose of via a licensed waste disposal contractor.

Date of issue/Date of revision	: 20-6-2023	Version : 3.02	
Date of previous issue	: 18-5-2023	4/15	AkzoNobel

### **SECTION 6: Accidental release measures**

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.

### 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 dust. Avoid release to the environment. Avoid the creation of dust when handling and avoid all possible sources of ignition (spark or flame). Prevent dust accumulation. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Electrical equipment and lighting should be protected to appropriate standards to prevent dust coming into contact with hot surfaces, sparks or other ignition sources. Take precautionary measures against electrostatic discharges. To avoid fire or explosion, dissipate static electricity during transfer by earthing and bonding containers and equipment before transferring material. 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. Separate from oxidising 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. See Section 10 for incompatible materials before handling or use.

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

Product/ingredient name	Exposure limit values
	EU OEL (Europe, 1/2022). [nickel compounds] Skin sensitiser. Inhalation sensitiser. TWA: 0.1 mg/m³, (as nickel) 8 hours.



### **SECTION 8: Exposure controls/personal protection**

**Recommended monitoring procedures**If this product contains ingredients with exposure limits, personal, workplace
atmosphere or biological monitoring may be required to determine the effectiveness
of the ventilation or other control measures and/or the necessity to use respiratory
protective equipment. Reference should be made to monitoring standards, such as
the following: European Standard EN 689 (Workplace atmospheres - Guidance for
the assessment of exposure by inhalation to chemical agents for comparison with
limit values and measurement strategy) European Standard EN 14042 (Workplace
atmospheres - Guide for the application and use of procedures for the assessment
of exposure to chemical and biological agents) European Standard EN 482
(Workplace atmospheres - General requirements for the performance of procedures
for the measurement of chemical agents) Reference to national guidance
documents for methods for the determination of hazardous substances will also be
required.

### **DNELs/DMELs**

Product/ingredient name	Туре	Exposure	Value	Population	Effects
antimony nickel titanium oxide yellow	DNEL	Long term Inhalation	4 mg/m <sup>3</sup>	Workers	Local
3,9-bis(2,4-di-tert-butylphenoxy) -2,4,8,10-tetraoxa- 3,9-diphosphaspiro[5.5]undecane	DNEL	Long term Oral	0.39 mg/ kg bw/day	General population	Systemic
	DNEL	Long term Dermal	0.39 mg/ kg bw/day	General population	Systemic
	DNEL	Long term Inhalation	0.68 mg/m <sup>3</sup>	General population	Systemic
	DNEL	Long term Dermal	0.78 mg/ kg bw/day	Workers	Systemic
	DNEL	Long term Inhalation	2.75 mg/m <sup>3</sup>	Workers	Systemic

### **PNECs**

Product/ingredient name	Compartment Detail	Value	Method Detail
3,9-bis(2,4-di-tert-butylphenoxy) -2,4,8,10-tetraoxa-3,9-diphosphaspiro[5.5] undecane	Fresh water	0.002 mg/l	Assessment Factors
	Sewage Treatment Plant	42 mg/l	Assessment Factors
	Fresh water sediment	2000000 mg/kg dwt	Equilibrium Partitioning
	Marine water sediment Soil	200000 mg/kg dwt 1 mg/kg dwt	Equilibrium Partitioning Assessment Factors

### 8.2 Exposure controls

Appropriate engineering controls	: Use only with adequate ventilation. If user operations generate dust, fumes, gas, vapour or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapour or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment.
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Individual protection measures

Hygiene measures: Wash hands, forearms and face thoroughly after handling chemical products,<br/>before eating, smoking and using the lavatory and at the end of the working period.<br/>Appropriate techniques should be used to remove potentially contaminated clothing.<br/>Wash contaminated clothing before reusing. Ensure that eyewash stations and<br/>safety showers are close to the workstation location.

SECTION 8: Exposure controls/personal protection						
Eye/face protection	<ul> <li>Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses wit side-shields. If operating conditions cause high dust concentrations to be produce use dust goggles.</li> </ul>					
Skin protection						
Hand protection	: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.					
	When prolonged or frequently repeated contact may occur, a glove with a protection class of 6 (breakthrough time >480 minutes according to EN374) is recommended. Recommended gloves: Viton ® or Nitrile, thickness $\geq$ 0.38 mm. When only brief contact is expected, a glove with protection class of 2 or higher (breakthrough time >30 minutes according to EN374) is recommended. Recommended gloves: Nitrile, thickness $\geq$ 0.12 mm. Gloves should be replaced regularly and if there is any sign of damage to the glove material.					
	The performance or effectiveness of the glove may be reduced by physical/ chemical damage and poor maintenance.					
	The user must check that the final choice of type of glove selected for handling this product is the most appropriate and takes into account the particular conditions of use, as included in the user's risk assessment.					
Body protection	<ul> <li>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.</li> </ul>					
	Personnel should wear protective clothing. Care should be taken in the selection of protective clothing to ensure that inflammation and irritation of the skin at the neck and wrists through contact with the powder are avoided.					
Other skin protection	<ul> <li>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.</li> </ul>					
Respiratory protection	: Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.					
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**

The conditions of measurement of all properties are at standard temperature and pressure unless otherwise indicated.

### 9.1 Information on basic physical and chemical properties

Date of previous issue	: 18-5-2023	7/15	AkzoNobel
Date of issue/Date of revision	: 20-6-2023	Version : 3.02	
Odour threshold	: Not available.		
Odour	: Odourless.		
Colour	: Green.		
Physical state	: Solid. [Powder.]		
<u>Appearance</u>			

SECTION 9: Physical and chemical properties			
Melting point/freezing point	:	Not available.	
Flammability	:	Not available.	
Lower and upper explosion limit	:	20 - 70 g/m3	
Auto-ignition temperature	:	450 to 600°C (842 to 1112°F)	
Decomposition temperature	:	Not available.	
рН	:	Not applicable. [DIN EN 1262]	
Viscosity	:	Kinematic (room temperature): Not applicable. [DIN EN ISO 3219] Kinematic (40°C): Not applicable. [DIN EN ISO 3219]	
Solubility(ies)	:		
Media		Result	
cold water		Not soluble [OESO (TG 105)]	
Partition coefficient: n-octanol/ water	:	Not applicable.	
Vapour pressure	:	Not available.	
Relative density	:	1.2 to 1.9 [ISO 8130-2/-3]	
Vapour density	:	Not applicable.	
Particle characteristics			
Median particle size	:	Not available.	

aerodynamic	diameter ≤ 10
μm	

### 9.2 Other information

Percentage of particles with

Minimum ignition energy (mJ) : 5 to 20

: 0

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 hazardous reactions	: Under normal conditions of storage and use, hazardous reactions will not occur.			
10.4 Conditions to avoid	: Avoid the creation of dust when handling and avoid all possible sources of ignition (spark or flame). Take precautionary measures against electrostatic discharges. To avoid fire or explosion, dissipate static electricity during transfer by earthing and bonding containers and equipment before transferring material. Prevent dust accumulation.			
10.5 Incompatible materials	: Reactive or incompatible with the following materials: oxidising materials			
10.6 Hazardous decomposition products	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.			

### **SECTION 11: Toxicological information**

### 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

### Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
3,9-bis(2,4-di-tert- butylphenoxy) -2,4,8,10-tetraoxa- 3,9-diphosphaspiro[5.5] undecane	LD50 Oral	Rat	5580 mg/kg	-
Conclusion/Summary	: Not available.			

## Acute toxicity estimates

N/A

### Irritation/Corrosion

Product/ingredient name		Result	Species	Score	Exposure	Observation
3,9-bis(2,4-di-tert- butylphenoxy) -2,4,8,10-tetraoxa- 3,9-diphosphaspiro[5.5] undecane	Sk	in - Severe irritant	Rabbit	-	0.5 gm	-
Conclusion/Summary	: 1	Not available.				
<u>Sensitisation</u>						
Conclusion/Summary	: 1	Not available.				
<u>Mutagenicity</u>						
Conclusion/Summary	: 1	Not available.				
Carcinogenicity						
Conclusion/Summary	: 1	Not available.				
Reproductive toxicity						
Conclusion/Summary	: 1	Not available.				
<u>Teratogenicity</u>						
Conclusion/Summary	: 1	Not available.				
<u>Specific target organ toxicit</u>	<b>y (s</b> i	ingle exposure)				
Not available.						
Specific target organ toxicit	y (re	epeated exposure)				
Not available.						
<b>Aspiration hazard</b> Not available.						
nformation on likely routes f exposure	: 1	Not available.				
otential acute health effects						
Eye contact		Exposure to airborne conce imits may cause irritation o		statutory	or recommend	ed exposure
Inhalation		Exposure to airborne conce imits may cause irritation o				ed exposure
Skin contact	: 1	No known significant effects	s or critical haza	rds.		
Ingestion		No known significant effects	or oritical hora	rdo		

### **SECTION 11: Toxicological information**

SECTION II. TOXICO	
Symptoms related to the ph	ysical, chemical and toxicological characteristics
Eye contact	: Adverse symptoms may include the following: irritation redness
Inhalation	: Adverse symptoms may include the following: respiratory tract irritation coughing
Skin contact	: No specific data.
Ingestion	: No specific data.
Delayed and immediate effe	cts as well as chronic effects from short and long-term exposure
<u>Short term exposure</u>	
Potential immediate effects	: Not available.
Potential delayed effects	: Not available.
<u>Long term exposure</u>	
Potential immediate effects	: Not available.
Potential delayed effects	: Not available.
Potential chronic health ef	fects
Not available.	
Conclusion/Summary	: Not available.
General	: Repeated or prolonged inhalation of dust may lead to chronic respiratory irritation.
Carcinogenicity	: No known significant effects or critical hazards.
Mutagenicity	: No known significant effects or critical hazards.
Reproductive toxicity	: No known significant effects or critical hazards.

### 11.2 Information on other hazards

**11.2.1 Endocrine disrupting properties** 

Not available.

### 11.2.2 Other information

No additional information.

### **SECTION 12: Ecological information**

#### 12.1 Toxicity

There are no data available on the mixture itself.

Coating powder residues should not be allowed to enter drains or watercourses or be deposited where they could affect ground or surface waters.

The mixture has been assessed following the summation method of the CLP Regulation (EC) No 1272/2008 and is classified for eco-toxicological properties accordingly. See Sections 2 and 3 for details.

Product/ingredient name	Result	Species	Exposure
3,9-bis(2,4-di-tert- butylphenoxy) -2,4,8,10-tetraoxa- 3,9-diphosphaspiro[5.5] undecane	EC50 97 mg/l	Algae	72 hours
	LC50 70.7 mg/l	Fish	96 hours
Conclusion/Summary	: Not available.		

Date of issue/Date of revision	: 20-6-2023	Version : 3.02	
Date of previous issue	:18-5-2023	10/15	AkzoNobel

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### **SECTION 12: Ecological information**

### 12.2 Persistence and degradability

**Conclusion/Summary** : Not available.

### 12.3 Bioaccumulative potential

Not available.

12.4 Mobility in soil	
Soil/water partition coefficient (K <sub>oc</sub> )	: Not available.
Mobility	: Not available.

### 12.5 Results of PBT and vPvB assessment

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

### 12.6 Endocrine disrupting properties

Not available.

### 12.7 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

<u>Product</u>	
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.
Disposal considerations	<ul> <li>Do not allow to enter drains or watercourses.</li> <li>Dispose of according to all federal, state and local applicable regulations.</li> <li>If this product is mixed with other wastes, the original waste product code may no longer apply and the appropriate code should be assigned.</li> <li>For further information, contact your local waste authority.</li> </ul>

### European waste catalogue (EWC)

The European Waste Catalogue classification of this product, when disposed of as waste, is:

Waste code	Waste designation	
EWC 08 02 01	waste coating powders	
Packaging Methods of disposal	: The generation of waste should be avoided or minimised wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.	

Date of issue/Date of revision	: 20-6-2023	Version : 3.02	
Date of previous issue	: 18-5-2023	11/15	AkzoNobel

### **SECTION 13: Disposal considerations**

Disposal considerations	<ul> <li>Using information provided in this safety data sheet, advice should be obtained from the relevant waste authority on the classification of empty containers. Empty containers must be scrapped or reconditioned. Dispose of containers contaminated by the product in accordance with local or national legal provisions.</li> </ul>
Special 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. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

### **SECTION 14: Transport information**

	ADR/RID	IMDG	ΙΑΤΑ		
14.1 UN number or ID number	Not regulated.	Not regulated.	Not regulated.		
14.2 UN proper shipping name	-	-	-		
14.3 Transport hazard class(es)	-	-	-		
14.4 Packing group	-	-	-		
14.5 Environmental hazards	No.	No.	No.		

**14.6 Special precautions for user**: **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 Maritime transport in** : Not applicable. **bulk according to IMO instruments** 

### **SECTION 15: Regulatory information**

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

#### UK (GB) /REACH

Annex XIV - List of substances subject to authorisation

### Annex XIV

None of the components are listed.

### 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



### SECTION 15: Regulatory information

VOC	:	Not applicable.
VOC for Ready-for-Use Mixture	:	Not applicable.
Industrial emissions (integrated pollution prevention and control) - Air	:	Not listed
Industrial emissions (integrated pollution prevention and control) - Water	:	Not listed
Ozone depleting substance	es	<u>(1005/2009/EU)</u>
Not listed		

Not listed.

#### Prior Informed Consent (PIC) (649/2012/EU)

Not listed.

### **Persistent Organic Pollutants**

Not listed.

### **Seveso Directive**

This product is not controlled under the Seveso Directive.

#### National regulations

Industrial use

: The information contained in this safety data sheet does not constitute the user's own assessment of workplace risks, as required by other health and safety legislation. The provisions of the national health and safety at work regulations apply to the use of this product at work.

### International regulations

#### Chemical Weapon Convention List Schedules I, II & III Chemicals

Not listed.

### **Montreal Protocol**

Not listed.

### Stockholm Convention on Persistent Organic Pollutants Not listed.

### Rotterdam Convention on Prior Informed Consent (PIC)

Not listed.

### **UNECE Aarhus Protocol on POPs and Heavy Metals**

Not listed.

15.2 Chemical safety : No Chemical Safety Assessment has been carried out.

### assessment

# SECTION 16: Other information

Indicates information that has changed from previously issued version.



SECTION 16: Other information				
Abbreviations and acronyms <u>Procedure used to deriv</u>	<ul> <li>ATE = Acute Toxicity Estimate CLP = Classification, Labelling and Pa 1272/2008] DMEL = Derived Minimal Effect Level DNEL = Derived No Effect Level EUH statement = CLP-specific Hazard N/A = Not available PBT = Persistent, Bioaccumulative an PNEC = Predicted No Effect Concent RRN = REACH Registration Number SGG = Segregation Group vPvB = Very Persistent and Very Bioa</li> </ul>	d statement nd Toxic ration		
Classification Justification				

	Classification	Justification		
Aquatic Chronic 3, H412		Calculation method		
Full text of abbreviated H	statements			
H351 H372		Suspected of causing cancer. Causes damage to organs through prolonged or repeated exposure.		
H410 H412		Very toxic to aquatic life with long lasting effects. Harmful to aquatic life with long lasting effects.		
Full text of classifications	[CLP/GHS]			
Aquatic Chronic 1 Aquatic Chronic 3 Carc. 2 STOT RE 1		LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 1 LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 3 CARCINOGENICITY - Category 2 SPECIFIC TARGET ORGAN TOXICITY - REPEATED EXPOSURE - Category 1		
Date of printing	: 20 June 2023			
Date of issue/ Date of revision	: 20 June 2023			
Date of previous issue	: 18 May 2023			
Version	: 3.02			
Unique ID	:			
Notice to reader				

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Date of issue/Date of revision	: 20-6-2023	Version : 3.02	
Date of previous issue	: 18-5-2023	14/15	AkzoNobel

