SAFETY DATA SHEET

Intersleek 1100SR Black Part A

Section 1. Identification

Intersleek 1100SR Black Part A

FXA999

: GHS product identifier

: Product code

Identified uses	
Professional application of coatings and inks	
Uses advised against	Reason
All Other Uses	
International Paint Ltd. Stoneygate Lane Felling Gateshead Tyne and Wear NE10 0JY UK Tel: +44 (0)191 469 6111 Fax: +44 (0)191 438 3711	: Supplier's details
+44 (0)191 469 6111 (24H)	: Emergency telephone number (with hours of operation)
+966 55 388 0087	: <u>National advisory body/</u> <u>Poison Centre (For use only</u> <u>by licensed medical</u> <u>professionals.)</u>
sdsfellinguk@akzonobel.com	: e-mail address of person responsible for this SDS
Section 2. Hazards identification	
FLAMMABLE LIQUIDS - Category 3 SKIN CORROSION/IRRITATION - Category 3 TOXIC TO REPRODUCTION (Fertility) - Category 2 SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) (hearing organs) - Category 2	: Classification of the substance or mixture
GHS label elements	
	: Hazard pictograms
Warning Flammable liquid and vapour. Causes mild skin irritation. Suspected of damaging fertility. May cause damage to organs through prolonged or repeated exposure. (heat organs) Precautionary statements	: Signal word : Hazard statements
<i>,,,,</i>	

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Section 2. Hazards identification

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves. Wear eye or face protection. Wear protective clothing. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Use explosion-proof electrical, ventilating, lighting and all material-handling equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Keep container tightly closed. Do not breathe vapour.

Get medical attention if you feel unwell. IF exposed or concerned: Get medical attention. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. If skin irritation occurs: Get medical attention.

Store locked up. Store in a well-ventilated place. Keep cool.

Dispose of contents and container in accordance with all local, regional, national and international regulations.

Wear appropriate respirator when ventilation is inadequate.

Classification

None known.

Flam. Liq. 3, H226

Acute Tox. 4, H312 Acute Tox. 4, H332 Skin Irrit. 2, H315 Eye Irrit. 2A, H319 STOT SE 3, H335 Asp. Tox. 1, H304

Flam. Liq. 2, H225

Section 3. Composition/information on ingredients

CAS number

1330-20-7

100-41-4

Mixture

: Substance/mixture

Acute Tox. 4, H332 Skin Irrit. 2, H315 Eye Irrit. 2A, H319 STOT SE 3, H335 STOT RE 2, H373 (hearing organs)			
Asp. Tox. 1, H304			
Flam. Liq. 3, H226 Acute Tox. 4, H302 Acute Tox. 4, H312 Skin Irrit. 3, H316 Eye Irrit. 2B, H320 Repr. 2, H361 (Fertility) Aquatic Chronic 4, H413	556-67-2	≤0.3	octamethylcyclotetrasiloxane

% by weight

<8

<2

There are no ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

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

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: Response

: Prevention

: Storage

Ingredient name

ethylbenzene

xylene

: Disposal

: Supplemental label elements

: Other hazards which do not

result in classification

Section 4. First aid measures

Description of necessary first aid measures		
Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention following exposure or if feeling unwell.	:	Eye contact
Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. Seek medical attention. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.	:	Inhalation
Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Continue to rinse for at least 10 minutes. Get medical attention. Wash clothing before reuse. Clean shoes thoroughly before reuse.	:	Skin contact
Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.	:	Ingestion
Most important symptoms/effects, acute and delayed		
Potential acute health effects		
No known significant effects or critical hazards.	:	Eye contact
No known significant effects or critical hazards.	:	Inhalation
Causes mild skin irritation.	:	Skin contact
Irritating to mouth, throat and stomach.	:	Ingestion
Over-exposure signs/symptoms		
Adverse symptoms may include the following: pain or irritation watering redness	:	Eye contact
Adverse symptoms may include the following: reduced foetal weight increase in foetal deaths skeletal malformations	:	Inhalation
Adverse symptoms may include the following: irritation redness reduced foetal weight increase in foetal deaths skeletal malformations	:	Skin contact
Adverse symptoms may include the following: reduced foetal weight increase in foetal deaths skeletal malformations	:	Ingestion
Indication of immediate medical attention and special treatment needed, if nece	ss	ary
Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.	:	Notes to physician
No specific treatment.	:	Specific treatments

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.

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: Protection of first-aiders

Section 4. First aid measures

See toxicological information (Section 11)

Section 5. Firefighting measures

Extinguishing media

Use dry chemical, CO ₂ , water spray (fog) or foam.	:	Suitable extinguishing media
Do not use water jet.		Unsuitable extinguishing media
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.		Specific hazards arising from the chemical
Decomposition products may include the following materials: carbon dioxide carbon monoxide halogenated compounds metal oxide/oxides	:	Hazardous thermal decomposition products
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 actions 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.	:	Special protective equipment for fire-fighters
Section 6. Accidental release measures		
Personal precautions, protective equipment and emergency procedures		
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 non-emergency personnel
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".	:	For emergency responders
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).	:	Environmental precautions
Methods and material for containment and cleaning up		
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.	:	Small 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 (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent	:	Large spill

X.International.

Section 6. Accidental release measures

material may pose the same hazard as the spilt product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

Section 7. Handling and storage

Precautions for safe handling

Put on appropriate personal protective equipment (see Section 8). Avoid exposure - : **Protective measures** obtain special instructions before use. Avoid exposure during pregnancy. Do not handle until all safety precautions have been read and understood. Do not get in eyes or on skin or clothing. Do not breathe vapour or mist. Do not ingest. 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.

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.

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. Store locked up. Eliminate all ignition sources. 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.

- : Advice on general occupational hygiene
- : Conditions for safe storage, including any incompatibilities

Section 8. Exposure controls/personal protection

Control parameters

Occupational exposure limits

Exposure limits	Ingredient name
ACGIH TLV (United States, 3/2017). STEL: 651 mg/m ³ 15 minutes. STEL: 150 ppm 15 minutes. TWA: 434 mg/m ³ 8 hours. TWA: 100 ppm 8 hours.	xylene
ACGIH TLV (United States, 3/2015). TWA: 20 ppm 8 hours.	ethylbenzene

Use only with adequate ventilation. 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.

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.

- : Appropriate engineering controls
- : Environmental exposure controls

Individual protection measures



Section 8. Exposure controls/personal protection

Section 6. Exposure controls/personal protection		
Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.	:	Hygiene measures
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. Use eye protection according to EN 166, designed to protect against liquid splashes. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles.	:	Eye/face protection
Skin protection		
Use chemical resistant gloves classified under Standard EN 374: Protective gloves against chemicals and micro-organisms. Recommended: Viton® or Nitrile gloves. When prolonged or frequently repeated contact may occur, a glove with a protection class of 6 (breakthrough time greater than 480 minutes according to EN 374) is recommended. When only brief contact is expected, a glove with a protection class of 2 or higher (breakthrough time greater than 30 minutes according to EN 374) is recommended. 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. NOTICE: The selection of a specific glove for a particular application and duration of use in a workplace should also take into account all relevant workplace factors such as, but not limited to: Other chemicals which may be 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 the exposed areas of the skin but should not be applied once exposure has occurred.	:	Hand 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.	:	Body 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.	:	Other skin protection
Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary according to EN529. 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.	•	Respiratory protection

Section 9. Physical and chemical properties

Appearance	
Liquid.	: Physical state
Black.	: Colour
Solvent.	: Odour
Not available.	: Odour threshold
Not applicable.	: pH
Not available.	: Melting point
Not available.	: Boiling point
Closed cup: 44°C (111.2°F)	: Flash point
Not available.	: Evaporation rate
Not available.	: Flammability (solid, gas)
Greatest known range: Lower: 0.8% Upper: 6.7% (xylene)	: Lower and upper explosive (flammable) limits
Not available.	: Vapour pressure

: 18/10/2018



Section 9. Physical and chemical properties

Not available.	: Vapour density
1.02	: Relative density
Insoluble in the following materials: cold water.	: Solubility
Not available.	: Partition coefficient: n- octanol/water
Not available.	: Auto-ignition temperature
Not available.	: Decomposition temperature
Kinematic (room temperature): 1726 mm ² /s (1726 cSt)	: Viscosity
Section 10. Stability and reactivity	

No specific test data related to reactivity available for this product or its ingredients.	: Reactivity
The product is stable.	: Chemical stability
Under normal conditions of storage and use, hazardous reactions will not occur.	: Possibility of hazardous reactions
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.	: Conditions to avoid
Reactive or incompatible with the following materials: oxidizing materials	: Incompatible materials
Under normal conditions of storage and use, hazardous decomposition products should not be produced.	: Hazardous decomposition products
Section 11. Toxicological information	

Section 11. Toxicological information

Information on toxicological effects

Acute toxicity

Exposure	Dose	Species	Result	Product/ingredient name
-	4300 mg/kg	Rat	LD50 Oral	xylene
4 hours	4000 ppm	Rabbit	LC50 Inhalation Gas.	ethylbenzene
-	17800 mg/kg	Rabbit	LD50 Dermal	
-	3500 mg/kg	Rat	LD50 Oral	
4 hours	36 g/m³	Rat	LC50 Inhalation Vapour	octamethylcyclotetrasiloxane
-	1770 mg/kg	Rat	LD50 Dermal	5 5
-	1540 mg/kg	Rat	LD50 Oral	

Irritation/Corrosion

Observation	Exposure	Score	Species	Result	Product/ingredient name
-	87 milligrams	-	Rabbit	Eyes - Mild irritant	xylene
-	24 hours 5 milligrams	-	Rabbit	Eyes - Severe irritant	
-	8 hours 60 microliters	-	Rat	Skin - Mild irritant	
-	24 hours 500 milligrams	-	Rabbit	Skin - Moderate irritant	
-	100 Percent	-	Rabbit	Skin - Moderate irritant	
-	500 milligrams	-	Rabbit	Eyes - Severe irritant	ethylbenzene
-	24 hours 15 milligrams	-	Rabbit	Skin - Mild irritant	
-	24 hours 500 milligrams	-	Rabbit	Eyes - Mild irritant	octamethylcyclotetrasiloxan

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Section 11. Toxicological information

- 24 hours 500 - Rabbit Skin - Mild irritant milligrams	
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Sensitisation

Not available.

Mutagenicity

Not available.

Carcinogenicity

Not available.

Reproductive toxicity

Not available.

Teratogenicity

Not available.

Specific target organ toxicity (single exposure)

Target organs	Route of exposure	Category	Name
Respiratory tract irritation	Not applicable.	Category 3	xylene
Respiratory tract irritation	Not applicable.	Category 3	ethylbenzene

Specific target organ toxicity (repeated exposure)

· J··· J···	Route of exposure	Category	Name
hearing organs	Not determined	Category 2	ethylbenzene

Aspiration hazard

Result	Name
ASPIRATION HAZARD - Category 1	xylene
ASPIRATION HAZARD - Category 1	ethylbenzene

Not available.	:	Information on likely routes of exposure
Potential acute health effects		
No known significant effects or critical hazards.	:	Eye contact
No known significant effects or critical hazards.	:	Inhalation
Causes mild skin irritation.	:	Skin contact
Irritating to mouth, throat and stomach.	:	Ingestion
Symptoms related to the physical, chemical and toxicological characteristics Adverse symptoms may include the following: pain or irritation watering redness	:	Eye contact
Adverse symptoms may include the following: reduced foetal weight increase in foetal deaths skeletal malformations	:	Inhalation

: 18/10/2018



Section 11. Toxicological information Adverse symptoms may include the following: irritation redness reduced foetal weight increase in foetal deaths skeletal malformations

Adverse symptoms may include the following: reduced foetal weight increase in foetal deaths skeletal malformations

: Ingestion

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Short term exposure Not available. : Potential immediate effects Not available. : Potential delayed effects Long term exposure Not available. : Potential immediate effects Not available. : Potential delayed effects Potential chronic health effects Not available. May cause damage to organs through prolonged or repeated exposure. : 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. : Developmental effects Suspected of damaging fertility. : Fertility effects

Numerical measures of toxicity

Acute toxicity estimates

ATE value	Route
15914.4 mg/kg	Dermal
127.3 mg/l	Inhalation (vapours)

Section 12. Ecological information

<u>Toxicity</u>

Exposure	Species	Result	Product/ingredient name
48 hours	Crustaceans - Palaemonetes pugio	Acute LC50 8500 µg/l Marine water	xylene
96 hours	Fish - Pimephales promelas	Acute LC50 13400 µg/l Fresh water	
96 hours	Algae - Pseudokirchneriella subcapitata	Acute EC50 3.6 mg/l Fresh water	ethylbenzene
48 hours	Daphnia - Daphnia magna - Neonate	Acute LC50 18.4 to 25.4 mg/l Fresh water	
96 hours	Fish - Menidia menidia	Acute LC50 5.1 to 5.7 mg/l Marine water	

Persistence and degradability

Section 12. Ecological information

Biodegradability	Photolysis	Aquatic half-life	Product/ingredient name
Readily	-	-	ethylbenzene

Bioaccumulative potential

Potential	BCF	LogPow	Product/ingredient name
low	8.1 to 25.9	3.12	xylene
low	15	3.6	ethylbenzene
high	13400	6.488	octamethylcyclotetrasiloxane

Mobility in soil

Not available.

: Soil/water partition coefficient (Koc)

: Other adverse effects

No known significant effects or critical hazards.

Section 13. Disposal considerations

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. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. 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.

Section 14. Transport information

ΙΑΤΑ	IMDG	UN	
UN1263	UN1263	UN1263	UN number
PAINT	PAINT	PAINT	UN proper shipping name
3	3	3	Transport hazard class(es)
Ш	Ш	Ш	Packing group
No.	No.	No.	Environmental hazards
-	-	-	Additional information

Not applicable.

: IMDG Code Segregation group



XInternational

: Disposal methods

Section 14. Transport information

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.

- : Special precautions for user
- : Transport in bulk according to Annex II of Marpol and the IBC Code

regulations specific for

: Safety, health and

environmental

the product

Section 15. Regulatory information

No known specific national and/or regional regulations applicable to this product (including its ingredients).

Section 16. Other information

Justification

Not available.

Justification	Classification
On basis of test data	Flam. Liq. 3, H226
Calculation method	Skin Irrit. 3, H316
Calculation method Calculation method	Repr. 2, H361 (Fertility) STOT RE 2, H373 (hearing organs)
History	
18/10/2018	: Date of printing
18/10/2018	: Date of issue/Date of revision
18/10/2018	: Date of previous issue
4.02	: Version
ATE = Acute Toxicity Estimate	: Key to abbreviations
BCF = Bioconcentration Factor	
GHS = Globally Harmonized System of Classification an	d Labelling of Chemicals
IATA = International Air Transport Association IBC = Intermediate Bulk Container	
IMDG = International Maritime Dangerous Goods	
LogPow = logarithm of the octanol/water partition coeffic	ient
MARPOL = International Convention for the Prevention of	
1973 as modified by the Protocol of 1978. ("Marpol" = ma UN = United Nations	
Not available.	: References
Indicates information that has changed from previou	sly issued version.

Indicates information that has changed from previously issued version.

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





Section 16. Other information

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.

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