Safety Data Sheet

prepared to UN GHS Revision 3

1. Identification of the Substance/Mixture and the Company/Undertaking

1.1 Product Identifier

747 BASE

Revision Date: 26/08/2020

Supersedes Date: 03/07/2018

Product Name: QwikJoint UVR - Base

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

Component of multi-component joint fillers and sealants.

1.3 Details of the supplier of the safety data sheet

Importer: Importer

Manufacturer:

StonCor Africa (Pty.) Ltd.
8 Cresset Road
Midrand Industrial Park, Chloorkop
P.O. Box 2205
2001, Johannesburg
South Africa

Regulatory / Technical Information:
+27 11 254 5500

Datasheet Produced by: Maritz, Rory - ehs@stoncor.com

1.4 Emergency telephone number:

CHEMTREC 1-800-424-9300 (Inside US)
CHEMTREC +1 703 5273887 (Outside US)
Giftinformasjonen: +47 22 59 13 00

2. Hazard Identification

2.1 Classification of the substance or mixture

Hazardous to the aquatic environment, Chronic, category 2
Carcinogenicity, category 2
Reproductive Toxicity, category 1A

2.2 Label elements

Symbol(s) of Product

Signal Word

Danger

Named Chemicals on Label

titanium dioxide

HAZARD STATEMENTS

Carcinogenicity, category 2	H351	Suspected of causing cancer.
Reproductive Toxicity, category 1A	H360-1A	May damage fertility of the unborn child.
Hazardous to the aquatic environment, Chronic, category 2	H411	Toxic to aquatic life with long lasting effects.

PRECAUTION PHRASES

P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P273	Avoid release to the environment.
P284	Wear respiratory protection.
P308+313	IF exposed or concerned: Get medical advice/attention.
P308+P313	IF exposed or concerned: Get medical advice/attention
P391	Collect spillage.

2.3 Other hazards

No Information

Results of PBT and vPvB assessment:

The product does not meet the criteria for PBT/VPvB in accordance with Annex XIII.

3. Composition/Information On Ingredients

3.2 Mixtures

Hazardous ingredients

Name According to EEC	EINEC No.	CAS-No.	%	Classifications
Bis(2-ethylhexyl) phthalate		117-81-7	25 - <50	H360
Diethylmethylbenzenediamine		68479-98-1	2.5 - <10	H302-312-319-373-4 00-410
titanium dioxide		13463-67-7	2.5 - <10	H351
silica, crystalline free		112945-52-5	1.0 - <2.5	
dibutyltin dilaurate		77-58-7	0.1 - <1.0	H301-314-317-341-3 60-370-400

CAS-No.	M-Factors
117-81-7	0
68479-98-1	0
13463-67-7	0
112945-52-5	0
77-58-7	1

Additional Information: The text for GHS Hazard Statements shown above (if any) is given in Section 16.

4. First-aid Measures

4.1 Description of First Aid Measures

GENERAL NOTES: No Information
AFTER INHALATION: Move to fresh air. Not required
AFTER SKIN CONTACT: Wash off with soap and plenty of water.
AFTER EYE CONTACT: If eye irritation persists, consult a specialist.
AFTER INGESTION: Gently wipe or rinse the inside of the mouth with water.

Self protection of the first aider:

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. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

4.2 Most important symptoms and effects, both acute and delayed

No Information

4.3 Indication of any immediate medical attention and special treatment needed

No information available on clinical testing and medical monitoring. Specific toxicological information on substances, if available, can be found in section 11.

5. Fire-fighting Measures

5.1 Extinguishing Media:

Carbon Dioxide, Dry Chemical, Foam

FOR SAFETY REASONS NOT TO BE USED: Alcohol, Alcohol based solutions, any other media not listed above.

5.2 Special hazards arising from the substance or mixture

No Information

5.3 Advice for firefighters

High volume water jet. Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide. None.

6. Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation.

6.2 Environmental precautions

No Information

6.3 Methods and material for containment and cleaning up

No special environmental precautions required. Prevent further leakage or spillage. After cleaning, flush away traces with water. Soak up with inert absorbent material.

6.4 Reference to other sections

Please refer to disposal requirements or country specific disposal requirements for this material. See Section 13 for further information.

7. Handling and Storage

7.1 Precautions for safe handling

INSTRUCTIONS FOR SAFE HANDLING: Take measures to prevent the build up of electrostatic charge. Provide sufficient air exchange and/or exhaust in work rooms. Provide appropriate exhaust ventilation at places where dust is formed.
PROTECTION AND HYGIENE MEASURES: When using do not eat or drink. General industrial hygiene practice.

7.2 Conditions for safe storage, including any incompatibilities

CONDITIONS TO AVOID: No Information
STORAGE CONDITIONS: Keep in a well-ventilated place. Keep in properly labelled containers.

7.3 Specific end use(s)

No specific advice for end use available.

8. Exposure Controls/Personal Protection

8.1 Control parameters

Ingredients with Occupational Exposure Limits
(EU)

Name	CAS-No.	LTEL ppm	STEL ppm	STEL mg/m3	LTEL mg/m3
Bis(2-ethylhexyl) phthalate	117-81-7				
Diethylmethylbenzenediamine	68479-98-1				
titanium dioxide	13463-67-7				
silica, crystalline free	112945-52-5				
dibutyltin dilaurate	77-58-7				

Name	CAS-No.	OEL Note
Bis(2-ethylhexyl) phthalate	117-81-7	
Diethylmethylbenzenediamine	68479-98-1	
titanium dioxide	13463-67-7	
silica, crystalline free	112945-52-5	
dibutyltin dilaurate	77-58-7	

FURTHER INFORMATION: Refer to the regulatory exposure limits for the workforce enforced in each country.

8.2 Exposure controls

Personal Protection
RESPIRATORY PROTECTION: When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.
EYE PROTECTION: Safety glasses.
HAND PROTECTION: Rubber glovesImpervious gloves.
OTHER PROTECTIVE EQUIPMENT: No Information
ENGINEERING CONTROLS: Ensure adequate ventilation, especially in confined areas.

9. Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

Appearance: Viscous White Liquid

Physical State	Liquid
Odor	Almost Odourless
Odor threshold	Not determined
pH	>7.0
Melting point / freezing point (°C)	Not determined
Boiling point/range (°C)	N.D. - N.D.
Flash Point, (°C)	93
Evaporation rate	Slower than ether
Flammability (solid, gas)	Not determined
Upper/lower flammability or explosive limits	0.8 - 999
Vapour Pressure	Not determined
Vapour density	Heavier than air
Relative density	1.12 - 1.16
Solubility in / Miscibility with water	Partially Miscible
Partition coefficient: n-octanol/water	Not determined
Auto-ignition temperature (°C)	Not determined
Decomposition temperature (°C)	Not determined
Viscosity	1000 - 1500 cP
Explosive properties	Not determined
Oxidising properties	Not determined

9.2 Other information

VOC Content g/l: 0

Calculated grams of VOC per liter of coating product as applied.

Specific Gravity (g/cm3) 1.151

10. Stability and Reactivity

10.1 Reactivity
No reactivity hazards known under normal storage and use conditions.

10.2 Chemical stability
Stable under normal conditions.

10.3 Possibility of hazardous reactions
Hazardous polymerisation does not occur.

10.4 Conditions to avoid
No Information

10.5 Incompatible materials
No Information

10.6 Hazardous decomposition products
No Information

11. Toxicological Information

11.1 Information on toxicological effects

Acute Toxicity:

Oral LD50: No information

Inhalation LC50: No information

Irritation: No information available.

Corrosivity: No information available.

Sensitization: No information available.

Repeated dose toxicity: No information available.

Carcinogenicity: This product contains one or more carcinogenic substances. See hazard classification and precautionary statements in Section 2 for further information.

Mutagenicity: No information available.

Toxicity for reproduction: No information available.

STOT-single exposure: No information available.

STOT-repeated exposure: No information available.

Aspiration hazard: No information available.

If no information is available above under Acute Toxicity then the acute effects of this product have not been tested. Data on individual components are tabulated below:

CAS-No.	Chemical Name	Oral LD50	Dermal LD50	Vapor LC50	Gas LC50	Dust/Mist LC50
117-81-7	Bis(2-ethylhexyl) phthalate	30,600 mg/kg, oral, rat			0.000	0.000
13463-67-7	titanium dioxide	10000 mg/m3, oral (rat)			0.000	0.000
112945-52-5	silica, crystalline free	10000 mg/kg, oral, rat			0.000	0.000
77-58-7	dibutyltin dilaurate	175 mg/kg, oral, rat			0.000	0.000

Additional Information:

This product may contain Titanium Dioxide, which is listed by IARC as possibly carcinogenic to humans (Group 2B). This listing is based on inadequate evidence of carcinogenicity in humans and sufficient evidence in experimental animals. This classification is relevant when exposed to titanium dioxide in dust or powder form only, including cured product that is subject to sanding, grinding, cutting, or other surface preparation activities.

12. Ecological Information

12.1 Toxicity:

EC50 48hr (Daphnia):	No information
IC50 72hr (Algae):	No information
LC50 96hr (fish):	No information

12.2 Persistence and degradability: No information

12.3 Bioaccumulative potential: No information

12.4 Mobility in soil: No information

12.5 Results of PBT and vPvB assessment: The product does not meet the criteria for PBT/VPvB in accordance with Annex XIII.

12.6 Other adverse effects: No information

CAS-No.	Chemical Name	EC50 48hr	IC50 72hr	LC50 96hr
117-81-7	Bis(2-ethylhexyl) phthalate	No information	No information	
68479-98-1	Diethylmethylbenzenediamine	No information	No information	
13463-67-7	titanium dioxide	>100 mg/l (EC50, 48h, Daphnia magna OECD202)ation	No information	>1000 mg/l
112945-52-5	silica, crystalline free	No information	No information	
77-58-7	dibutyltin dilaurate	2.28 mg/l	No information	2 mg/l

13. Disposal Considerations

13.1 WASTE TREATMENT METHODS: Can be landfilled, when in compliance with local regulations. Empty containers should be taken to an approved waste handling site for recycling or disposal.

14. Transport Information

14.1	**UN number**	Not applicable
14.2	**UN proper shipping name**	Not regulated for transport according to U.S. DOT, ADR/RID, IMDG, and IATA regulations.
	Technical name	Not applicable
14.3	**Transport hazard class(es)**	Not applicable
	Subsidiary shipping hazard	Not applicable
14.4	**Packing group**	Not applicable
14.5	**Environmental hazards**	Not applicable
14.6	**Special precautions for user**	Not applicable
	EmS-No.:	Not applicable
14.7	**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code**	Not applicable

15. Regulatory Information

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

National Regulations:

Denmark Product Registration Number:	Not available
Danish MAL Code:	Not available
Danish MAL Code - Mixture:	Not available
Sweden Product Registration Number:	Not available
Norway Product Registration Number:	Not available
WGK Class:	Not available

15.2 Chemical Safety Assessment:

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

16. Other Information

Text for GHS Hazard Statements shown in Section 3 describing each ingredient:

H301	Toxic if swallowed.
H302	Harmful if swallowed.
H312	Harmful in contact with skin.
H314	Causes severe skin burns and eye damage.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H341	Suspected of causing genetic defects.
H351	Suspected of causing cancer.
H360	May damage fertility or the unborn child.
H370	Causes damage to organs.
H373	May cause damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

Reasons for revision

No Information

List of References:

This Safety Data Sheet was compiled with data and information from the following sources:

The Ariel Regulatory Database provided by the 3E Corporation in Copenhagen, Denmark;
European Union Commission Regulation No. 1907/2006 on REACH as amended within Commission Regulation (EU) 2015/830;
European Union (EC) Regulation No. 1272/2008 on the classification, labelling and packaging of substances and mixtures (CLP Regulation) and subsequent technical progress adaptations (ATP);
EU Council Decision 2000/532/EC and its Annex entitled "List of Wastes".

Acronym & Abbreviation Key:

CLP	Classification, Labeling & Packaging Regulation
EC	European Commission
EU	European Union
US	United States

CAS	Chemical Abstract Service
EINECS	European Inventory of Existing Chemical Substances
REACH	Registration, Evaluation, Authorization of Chemicals Regulation
GHS	Globally Harmonized System of Classification and Labeling of Chemicals
LTEL	Long term exposure limit
STEL	Short term exposure limit
OEL	Occupational exposure limit
ppm	Parts per million
mg/m3	Milligrams per cubic meter
TLV	Threshold Limit Value
ACGIH	American Conference of Governmental Industrial Hygienists
OSHA	Occupational Safety & Health Administration
PEL	Permissible Exposure Limits
VOC	Volatile organic compounds
g/l	Grams per liter
mg/kg	Milligrams per kilogram
N/A	Not applicable
LD50	Lethal dose at 50%
LC50	Lethal concentration at 50%
EC50	Half maximal effective concentration
IC50	Half maximal inhibitory concentration
PBT	Persistent bioaccumulative toxic chemical
vPvB	Very persistent and very bioaccumulative
EEC	European Economic Community
ADR	International Transport of Dangerous Goods by Road
RID	International Transport of Dangerous Goods by Rail
UN	United Nations
IMDG	International Maritime Dangerous Goods Code
IATA	International Air Transport Association
MARPOL	International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978
IBC	International Bulk Container
RTI	Respiratory Tract Irritation
NE	Narcotic Effects

For further information, please contact: Technical Services Department

The information on this sheet corresponds to our present knowledge. It is not a specification and it does not guarantee specific properties. The information is intended to provide general guidance as to health and safety based upon our knowledge of the handling, storage, and use of the product. It is not applicable to unusual or non-standard uses of the product or where instructions and recommendations are not followed.