

## 1 Identification

- Product identifier
- Trade name: RubberTop Seam Tape, RubberTop Cover Tape, RubberTop Flashing Tape
- Relevant identified uses of the substance or mixture. Adhesive
  
- Details of the supplier of the safety data sheet
- Manufacturer/Supplier:  
 IKO PLC  
 Appley Lane North  
 Appley Bridge  
 Wigan Lancashire  
 WN6 9AB
- Tel : 01257 256 779
- Emergency tel number: +44 (0)1257 256864 Opening Times: 0900 - 1700 Monday to Friday

## 2 Hazard(s) identification

- Classification of the substance or mixture  
 The product does not meet the criteria for classification as hazardous under the GHS and 453/2010

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- Label elements
- GHS label elements Void
- Hazard pictograms Void
- Signal word Void
- Hazard statements Void
- Additional information:  
 Exempt from regulation because this is an 'article' that does not release or otherwise result in exposure to a hazardous chemical under normal use under the OSHA Hazardous Communication standard 29 CFR 1910.1200
- Classification system:
- NFPA ratings (scale 0 - 4)



- HMIS-ratings (scale 0 - 4)



- Other hazards
- Results of PBT and vPvB assessment
- PBT: Not applicable.
- vPvB: Not applicable.

## 3 Composition/information on ingredients

- Chemical characterization: Mixtures
- Description: Adhesive

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- Dangerous components:  
and Non-Dangerous Components:

471-34-1	calcium carbonate	2.5-10%
1305-78-8	calcium oxide	2.5-10%
1333-86-4	Carbon black	2.5-10%
14807-96-6	Talc (Mg <sub>3</sub> H <sub>2</sub> (SiO <sub>3</sub> ) <sub>4</sub> )	2.5-10%
1314-13-2	zinc oxide	≤ 2.5%

#### 4 First-aid measures

- Description of first aid measures
- After inhalation:  
Supply fresh air or oxygen; call for doctor.  
In case of unconsciousness place patient stably in side position for transportation.
- After skin contact: Immediately wash with water and soap and rinse thoroughly.
- After eye contact: Rinse opened eye for 20 minutes under running water. Call a Doctor immediately.
- After swallowing: Seek medical treatment.
- Information for doctor:
- Most important symptoms and effects, both acute and delayed No further relevant information available.
- Indication of any immediate medical attention and special treatment needed  
No further relevant information available.

#### 5 Fire-fighting measures

- Extinguishing media
- Suitable extinguishing agents:  
CO<sub>2</sub>, extinguishing powder or water spray. Fight larger fires with water spray.  
Use fire fighting measures that suit the environment.
- Special hazards arising from the substance or mixture No further relevant information available.
- Advice for firefighters
- Protective equipment: Protective clothing and respiratory protective device.

#### 6 Accidental release measures

- Personal precautions, protective equipment and emergency procedures  
Wear protective equipment. Keep unprotected persons away.  
Ensure adequate ventilation
- Environmental precautions: Do not allow to enter sewers/ surface or ground water.
- Methods and material for containment and cleaning up:  
Dispose of contaminated material as waste in accordance with federal state and local regulations.
- Reference to other sections  
See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.

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## 7 Handling and storage

- Handling:
  - Precautions for safe handling
    - Avoid prolonged or repeated contact with skin.
    - Avoid contact with eyes.
    - Wash thoroughly after handling.
  - Information about protection against explosions and fires: No special measures required.
- Conditions for safe storage, including any incompatibilities
- Storage:
  - Requirements to be met by storerooms and receptacles: Store in a cool location away from direct heat.
  - Information about storage in one common storage facility: Store away from oxidizing agents.
  - Further information about storage conditions: Keep receptacle tightly sealed.
  - Specific end use(s) No further relevant information available.

## 8 Exposure controls/personal protection

- Additional information about design of technical systems: No further data; see item 7.

### · Control parameters

- Components with limit values that require monitoring at the workplace:

471-34-1 calcium carbonate (2.5-10%)

PEL	Long-term value: 15* 5** mg/m <sup>3</sup> *total dust **respirable fraction
REL	Long-term value: 10* 5** mg/m <sup>3</sup> *total dust **respirable fraction
TLV	TLV withdrawn

1305-78-8 calcium oxide (2.5-10%)

PEL	Long-term value: 5 mg/m <sup>3</sup>
REL	Long-term value: 2 mg/m <sup>3</sup>
TLV	Long-term value: 2 mg/m <sup>3</sup>

14807-96-6 Talc (Mg<sub>3</sub>H<sub>2</sub>(SiO<sub>3</sub>)<sub>4</sub>) (2.5-10%)

PEL	Long-term value: 20 mppcf ppm (containing <1% Quartz)
REL	Long-term value: 2* mg/m <sup>3</sup> *respirable dust
TLV	Long-term value: 2* mg/m <sup>3</sup> *as respirable fraction; E

1314-13-2 zinc oxide (≤2.5%)

PEL	Long-term value: 15* 5** mg/m <sup>3</sup> *total dust **respirable fraction and fume
REL	Short-term value: 10** mg/m <sup>3</sup> Long-term value: 5* 5** mg/m <sup>3</sup> Ceiling limit value: 15* mg/m <sup>3</sup> *dust only **fume

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TLV	Short-term value: 10* mg/m <sup>3</sup> Long-term value: 2* mg/m <sup>3</sup> *as respirable fraction
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- Additional information: The lists that were valid during the creation were used as basis.
  - Exposure controls
  - Personal protective equipment (see listings below)
  - General protective and hygienic measures:
    - Keep away from foodstuffs, beverages and feed.
    - Immediately remove all soiled and contaminated clothing.
    - Wash hands before breaks and at the end of work.
    - Avoid contact with the eyes.
    - Avoid contact with the eyes and skin.
  - Breathing equipment: Not necessary if room is well-ventilated.
  - Protection of hands:



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

- Material of gloves
  - Nitrile rubber, NBR
  - Chloroprene rubber, CR

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.
- Penetration time of glove material
  - The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
- Eye protection: Safety glasses with side shields.
- Body protection: Protective work clothing

## \* 9 Physical and chemical properties

- Information on basic physical and chemical properties
- General Information
- Appearance:
 

Form:	Solid
Colour:	Black
Odour:	Characteristic
Odour threshold:	Not determined

- pH-value: Not applicable.

- Change in condition
 

Melting point:	Undetermined.
Boiling point:	Undetermined.

- Flash point: 200 °C (392 °F)

- Flammability (solid, gaseous): Not determined.

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· Ignition temperature:	
Decomposition temperature:	Not determined.
· Auto igniting: Product is not selfigniting.	
· Danger of explosion: Product does not present an explosion hazard.	
· Flammable limits:	
Lower:	Not determined.
Upper:	Not determined.
· Vapour pressure: Not applicable.	
· Specific gravity: Not Determined	
· Relative density: Not determined.	
· Vapour density: Not applicable.	
· Evaporation rate: Not applicable.	
· Solubility in / Miscibility with Water: Insoluble.	
· Partition coefficient (n-octanol/water): Not determined.	
· Viscosity:	
Dynamic:	Not applicable.
Kinematic:	Not applicable.
· Solvent content:	
Organic solvents:	0.0 %
Solids content: 100.0 %	
· Other information: No further relevant information available.	

## 10 Stability and reactivity

- Reactivity
- Chemical stability
- Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.
- Possibility of hazardous reactions: No dangerous reactions known.
- Conditions to avoid heat, flames, sparks, hot surfaces, ignition sources.
- Incompatible materials: Reacts with oxidizing agents.
- Hazardous decomposition products: Carbon monoxide and carbon dioxide

## 11 Toxicological information

- Information on toxicological effects
- Acute toxicity:
- Primary irritant effect:
  - on the skin: May irritate the skin.
  - on the eye: May irritate the eye.
- Sensitization: No sensitizing effects known.
- Additional toxicological information:
  - When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

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Trade name: RubberTop Seam Tape, RubberTop Cover Tape, RubberTop Flashing Tape

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· Carcinogenic categories

· IARC (International Agency for Research on Cancer)

1333-86-4	Carbon black	2B
14807-96-6	Talc (Mg <sub>3</sub> H <sub>2</sub> (SiO <sub>3</sub> ) <sub>4</sub> )	2B

· NTP (National Toxicology Program)

None of the ingredients is listed.

## 12 Ecological information

- Toxicity
- Aquatic toxicity: No further relevant information available.
- Persistence and degradability No further relevant information available.
- Behaviour in environmental systems:
- Bioaccumulative potential No further relevant information available.
- Mobility in soil No further relevant information available.
- Additional ecological information:
- General notes: At present there are no ecotoxicological assessments.
- Results of PBT and vPvB assessment
- PBT: Not applicable.
- vPvB: Not applicable.
- Other adverse effects No further relevant information available.

## 13 Disposal considerations

- Waste treatment methods
- Recommendation: Must be specially treated adhering to official regulations.
- Uncleaned packagings:
- Recommendation: Disposal must be made according to official regulations.

## 14 Transport information

· UN-Number	
· DOT, ADR, ADN, IMDG, IATA	Void
· UN proper shipping name	
· DOT, ADR, ADN, IMDG, IATA	Void
· Transport hazard class(es)	
· DOT, ADR, ADN, IMDG, IATA	
· Class	Void
· Packing group	
· DOT, ADR, IMDG, IATA	Void
· Environmental hazards:	Not applicable.
· Special precautions for user	Not applicable.

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· Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code      Not applicable

· UN "Model Regulation":      -

## 15 Regulatory information

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

· Sara

· Section 355 (extremely hazardous substances):

None of the ingredients is listed.

· Section 313 (Specific toxic chemical listings):

1314-13-2    zinc oxide

· TSCA (Toxic Substances Control Act):

All components of this product are on the TSCA Inventory or are exempt from TSCA Inventory requirements.

· Proposition 65

· Chemicals known to cause cancer:

None of the ingredients is listed.

· Chemicals known to cause reproductive toxicity:

None of the ingredients is listed.

· (DSL) Canada Domestic Substance List

All components of this product are on the DSL(Canada Domestic Substance list) or are exempt from DSL requirements.

· Cancerogenity categories

· EPA (Environmental Protection Agency)

1314-13-2    zinc oxide      D, I, II

· TLV (Threshold Limit Value established by ACGIH)

1333-86-4    Carbon black      A4

14807-96-6    Talc (Mg<sub>3</sub>H<sub>2</sub>(SiO<sub>3</sub>)<sub>4</sub>)      A4

· MAK (German Maximum Workplace Concentration)

1333-86-4    Carbon black      3B

14807-96-6    Talc (Mg<sub>3</sub>H<sub>2</sub>(SiO<sub>3</sub>)<sub>4</sub>)      3B

· NIOSH-Ca (National Institute for Occupational Safety and Health)

1333-86-4    Carbon black

· OSHA-Ca (Occupational Safety & Health Administration)

None of the ingredients is listed.

· National regulations:

· Water hazard class: Water hazard class 1 (Self-assessment): slightly hazardous for water.

· Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

## 16 Other information

Although the information and recommendations set forth in this MSDS are presented in good faith and are believed to be correct as of the date of this MSDS, IKO makes no representations as to the

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completeness or accuracy thereof. Information is supplied on the condition that the persons receiving and using it will make their own determination as to the suitability for their purpose prior to use. In no event will IKO or any affiliate thereof be responsible for damages of any nature whatsoever resulting from the use or reliance on the information set forth in the MSDS.

· Department issuing MSDS: Health and Safety Department via OEM

· Abbreviations and acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

ACGIH: American Conference of Governmental Industrial Hygienists

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

NFPA: National Fire Protection Association (USA)

HMSI: Hazardous Materials Identification System (USA)

USA

## Version History.

Version 1.0 June 1st 2015 New release for Classification, Labelling Packaging Regulations