

## MSDS SMOOSHY SAND

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

#### **1.1** Product identifier

Smooshy Sand in various colours.

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

As a toy and educational product.

#### **1.3 Details of the supplier of the substance or mixture**

Rainbow Eco Ltd  
Higher Whitnell Farm  
Binegar  
Nr Bath  
Somerset  
BA3 4UJ  
UK

#### **1.4 Emergency telephone number**

Phone: 0044 1749841728

### **SECTION 2: Hazard identification**

#### **2.1 Classification of the substance or mixture**

Classification (67/548/EEC, 1999/45/EC)

None

#### **2.2 Label elements**

Labelling (67/548/EEC, 1999/45/EC)

None

#### **2.3 Other hazards**

None known

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

#### **3.1 Substances**

not applicable

#### **3.2 Mixtures**

Product made of silicon dioxide

- Silicon Dioxide (CAS# 14808-60-7) 82%
- Silicon Oil (CAS#63148-62-9) 8%
- Bees Wax (CAS: 8006-40-4) 8%
- Sorbitol (CAS: 50-70-4) 1%
- Color Pigments (CAS: See bel) 1%

CAS#: 12240-15-2/980-26-7, 31837-42-0, 980-26-7, 980-26-7/31837-42—0, 12240-15-2,  
1328-53-6, 980-26-7,  
2519-30-4/980-26-7/31837-42-0

No hazard ingredients.

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

### **4.1 Description of first aid measures**

Eye contact

Flush with large amount of water. Remove contact lenses if easy to do. Continue rinsing. If signs/ symptoms persists, get medical attention.

#### **Skin contact**

No need for first aid is anticipated.

#### **Inhalation**

Not applicable

#### **If swallowed**

No need for first aid is anticipated.

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

No symptoms and effects are anticipated.

### **4.3 Indication of any immediate medical attention and special treatment required**

Not applicable.

## **SECTION 5: Firefighting measures**

### **5.1 Extinguishing media**

Water, Extinguishing powder, Foam, Carbon dioxide, Sand.

### **5.2 Special hazards arising from the substance or mixture**

Very small amounts of irritating vapours may be formed.

### **5.3 Advice for fire fighters**

No unusual fire or explosion hazards are anticipated.

Use respiratory protection independent of recirculated air.

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

### **6.1 Personal precautions, protective equipment and emergency procedures**

Not applicable.

### **6.2 Environmental precautions**

Not applicable.

### **6.3 Methods and material for containment and cleaning up**

Collect as much of spilled material as possible.

### **6.4 Reference to other sections**

Not applicable.

## **SECTION 7: Handling and storage**

### **7.1 Precautions for safe handling**

Spilled substance may increase risk of slipping.

Precautions against fire and explosion:

Observe the general rules for fire prevention.

### **7.2 Conditions for safe storage including any incompatibilities**

**Conditions for storage rooms and vessels:**

none known

**Advice for storage of incompatible materials**

not applicable

**Further information for storage:**

Keep containers closed to avoid contamination. Store in a cool and dry place.

**7.3 Specific end use(s)**

Recommendations: Normal room temperature and moisture levels are recommended for the end user.

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

**8.1 Control parameters**

Not applicable

**8.2 Exposure controls**

**8.2.1 Engineering controls**

No exposure limits noted for ingredients.

**8.2.2 Exposure in the work place limited and controlled**

General protection and hygiene measures:

Avoid contact with eyes. Do not eat, drink or smoke when handling.

Personal protection equipment:

**Respiratory protection**

Not required

**Hand/Skin protection**

Not required

**Eye protection**

Recommendation: protective goggles.

**SECTION 9: Physical and chemical properties**

**9.1 Information on basic physical and chemical properties**

**Physical state:** Semi solid

**Specific Physical Form:** Firm, mouldable, sand like

**Odour:** Odourless

**Colour:** originally white, can be coloured by adding pigment

**Melting point:** No data available

**Boiling point:** Not applicable

**Flammability (solid/gas):** Not classified

**Explosive properties:** Not applicable

**Oxidising properties:** Not applicable

**Flash point:** > 200 C

**Autoignition temperature:** No data available

**Lower Flammable/Explosive Limit(LEL):** Not applicable

**Upper Flammable/Explosive Limit(UEL):** Not applicable

**Vapour pressure:** Not applicable

**Relative density:** 1.6g/ml

**Water solubility:** Partly

**Partition coefficient: n-octanol/water:** No data available

**Evaporation rate:** Not applicable

**Vapour density:** Not applicable

**Viscosity:** Not applicable

## **9.2 Other information**

None

## **SECTION 10: Stability and reactivity**

### **10.1 Reactivity**

This material is considered to be non-reactive under normal use conditions

### **10.2 Chemical stability**

Stable.

### **10.3 Possibility of hazardous reactions**

Hazardous reactions or polymerisations will not occur.

### **10.4 Conditions to avoid**

None known.

### **10.5 Incompatible materials**

None known.

### **10.6 Hazardous decomposition products**

None known.

## **SECTION 11: Toxicological information**

### **11.1 Information on taxological effects**

Information is collected primarily from the suppliers SDS.

#### **11.1.1 Acute toxicity**

Based on available data no oral or dermal toxicity effects are to be expected after single exposure.

#### **11.1.2 Skin corrosion/irritation**

Based on available data the effect are expected to be none irritating.

#### **11.1.3 Serious eye damage/eye irritation**

Based on available data mechanical eye irritation may occur.

#### **11.1.4 Respiratory or skin sensitization**

Based on available data the effect are expected to be none respiratory or skin sensitization.

#### **11.1.5 Germ cell mutagenicity**

For this endpoint no toxicological test data is available for the whole product.

#### **11.1.6 Carcinogenicity**

For this endpoint no toxicological test data is available for the whole product.

#### **11.1.7 Reproductive toxicity**

For this endpoint no toxicological test data is available for the whole product.

#### **11.1.8 Specific target organ toxicity (single exposure)**

For this endpoint no toxicological test data is available for the whole product.

#### **11.1.9 Specific target organ toxicity (repeated exposure)**

For this endpoint no toxicological test data is available for the whole product.

#### **11.1.10 Aspiration hazard**

For this endpoint no toxicological test data is available for the whole product.

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

#### **12.1 Toxicity**

Product is not harmful for aquatic organisms. The assessment is done upon the data given in the SDS for each substance/mixture used in this product.

#### **12.2 Persistence and degradability**

Product is not biodegradable. Separated by sedimentation.

#### **12.3 Bio accumulative potential**

Bio accumulative potential is unlikely. The assessment is done upon the data given in the SDS for each substance/mixture used in this product.

#### **12.4 Mobility in soil**

Separated by sedimentation.

#### **12.5 Results of the PBT and vPvB assessment**

No known data.

#### **12.6 Other adverse effects**

No information available

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

#### **13.1 Waste treatment methods**

##### **13.1.1 Material**

Recommendation: Material that is not used and that cannot be recycled, must be waste treated by a authorized company according to local regulations.

##### **13.1.2 Uncleaned packaging**

Completely discharge containers. Containers may be re-used or recycled. Observe local/state/federal regulations.

### **SECTION 14: Transportation information**

#### **14.1- UN number ; UN proper shipping name; transport hazard class(es);**

#### **14.4 Packing Group**

Not dangerous goods for ADR(road), RID(railway), IMDG(sea) and ICAO/IATA(flight)

#### **14.5 Environmental hazards**

Not hazardous to the environment.

#### **14.6 Special precautions for user**

Not classified as dangerous in the meaning of transport regulations.  
Relevant information in other sections have to be considered.

#### **14.7 Transport in bulk according to AnnexII of MARPOL73/78 and the IBC Code**

No information available.

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

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

National and local regulations must be observed.

For information on labelling please refer to section 2 of this document.

#### **15.2 Chemical safety assessment**

No chemical safety assessment has been made for this product according to Regulation (EC) No. 1907/2006 (REACH).

### **SECTION 16: Other information**

#### **16.1 Material**

The details in this document are based on the state of our knowledge at the time of revision. They do not constitute an assurance of the described product properties in terms of statutory warranty

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Approved by: Bob Croker