

Section 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier****Product name:** DURA GRIP E2 ANTI-SLIP EPOXY PAINT – PART A**Product code:** DRGRP-E2-A**1.2. Relevant identified uses of the substance or mixture and uses advised against****1.3. Details of the supplier of the safety data sheet****Company name:** SlipDoctors UK

4 Boundary Rd

Bursledon

SO31 8DS

United Kingdom

Tel: +44 (0)20 8895 6813**Email:** info@slipdoctors.co.uk**1.4. Emergency telephone number****Emergency tel:** +44 (0)116 274 2222

Poison centre contact:

England & Wales : NHS 111 - dial 111

Scotland : NHS 24 - dial 111

Republic of Ireland : Beaumont Hospital, Beaumont Road, Dublin 9, ROI.

dial +353 (0) 1 809 2566

Section 2: Hazards identification**2.1. Classification of the substance or mixture****Classification under CLP:** Eye Irrit. 2: H319; Flam. Liq. 3: H226**Most important adverse effects:** Flammable liquid and vapour. Causes serious eye irritation.**2.2. Label elements****Label elements:****Hazard statements:** H226: Flammable liquid and vapour.

H319: Causes serious eye irritation.

Hazard pictograms: GHS02: Flame

GHS07: Exclamation mark



SAFETY DATA SHEET

DURA GRIP E2 ANTI-SLIP EPOXY PAINT – PART A

Page: 2

Signal words: Warning

Precautionary statements: P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P241: Use explosion-proof equipment.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing.

Rinse skin with water .

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P370+P378: In case of fire: Use media other than water to extinguish.

2.3. Other hazards

Other hazards: In use, may form flammable / explosive vapour-air mixture.

PBT: This product is not identified as a PBT/vPvB substance.

Section 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients:

1-METHOXY-2-PROPANOL - REACH registered number(s): 01-2119457435-35-0002

EINECS	CAS	PBT / WEL	CLP Classification	Percent
203-539-1	107-98-2	-	Flam. Liq. 3: H226; STOT SE 3: H336	10-30%

XYLENE - REACH registered number(s): 01-2119488216-32-0007

215-535-7	1330-20-7	-	Flam. Liq. 3: H226; Acute Tox. 4: H332; Acute Tox. 4: H312; Skin Irrit. 2: H315	1-10%
-----------	-----------	---	---	-------

DIACETONE ALCOHOL

204-626-7	123-42-2	-	Eye Irrit. 2: H319	1-10%
-----------	----------	---	--------------------	-------

BUTAN-1-OL - REACH registered number(s): 01-2119484630-38-0001

200-751-6	71-36-3	-	Flam. Liq. 3: H226; Acute Tox. 4: H302; STOT SE 3: H335; Skin Irrit. 2: H315; Eye Dam. 1: H318; STOT SE 3: H336	1-10%
-----------	---------	---	---	-------

Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water.

Eye contact: Bathe the eye with running water for 15 minutes. Consult a doctor.

Ingestion: Wash out mouth with water. Consult a doctor.

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

[cont...]

SAFETY DATA SHEET

DURA GRIP E2 ANTI-SLIP EPOXY PAINT – PART A

Page: 3

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

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be irritation and redness. The eyes may water profusely.

Ingestion: There may be soreness and redness of the mouth and throat.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

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

Section 5: Fire-fighting measures

5.1. Extinguishing media

Immediate / special treatment: Eye bathing equipment should be available on the premises.

Extinguishing media: Alcohol resistant foam. Water spray. Carbon dioxide. Dry chemical powder. Use water spray to cool containers.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: Flammable. In combustion emits toxic fumes. Forms explosive air-vapour mixture.

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Refer to section 8 of SDS for personal protection details. If outside do not approach from downwind. If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Turn leaking containers leak-side up to prevent the escape of liquid. Eliminate all sources of ignition.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method. Do not use equipment in clean-up procedure which may produce sparks.

6.4. Reference to other sections

Reference to other sections: Refer to section 8 of SDS.

[cont...]

SAFETY DATA SHEET

DURA GRIP E2 ANTI-SLIP EPOXY PAINT – PART A

Page: 4

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area.
Do not handle in a confined space. Avoid the formation or spread of mists in the air.
Smoking is forbidden. Use non-sparking tools.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. Keep container tightly closed. Keep away from sources of ignition. Prevent the build up of electrostatic charge in the immediate area.
Ensure lighting and electrical equipment are not a source of ignition.

7.3. Specific end use(s)

Specific end use(s): No data available.

Section 8: Exposure controls/personal protection

8.1. Control parameters

Hazardous ingredients:

1-METHOXY-2-PROPANOL

Workplace exposure limits:

Respirable dust:

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	375 mg/m ³	560 mg/m ³	-	-

XYLENE

UK	220 mg/m ³	441 mg/m ³	-	-
----	-----------------------	-----------------------	---	---

BUTAN-1-OL

UK	-	154 mg/m ³	-	-
----	---	-----------------------	---	---

DNEL/PNEC Values

DNEL / PNEC No data available.

8.2. Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area. Ensure lighting and electrical equipment are not a source of ignition.

Respiratory protection: Self-contained breathing apparatus must be available in case of emergency.

Hand protection: Protective gloves.

Eye protection: Safety glasses. Ensure eye bath is to hand.

Skin protection: Protective clothing.

Section 9: Physical and chemical properties

[cont...]

SAFETY DATA SHEET

DURA GRIP E2 ANTI-SLIP EPOXY PAINT – PART A

Page: 5

9.1. Information on basic physical and chemical properties

State: Liquid

Colour: Various

Odour: Characteristic odour

Evaporation rate: No data available.

Oxidising: No data available.

Solubility in water: Insoluble

Viscosity: Viscous

Boiling point/range°C: No data available.

Flammability limits %: lower: No data available.

Flash point°C: 23 - 60

Autoflammability°C: No data available.

Relative density: 1.3

VOC g/l: 555

Melting point/range°C: No data available.

upper: No data available.

Part.coeff. n-octanol/water: No data available.

Vapour pressure: No data available.

pH: No data available.

9.2. Other information

Other information: No data available.

Section 10: Stability and reactivity

10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability

10.3. Possibility of hazardous reactions

Chemical stability: Stable under normal conditions. Stable at room temperature.

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.

Decomposition may occur on exposure to conditions or materials listed below.

10.4. Conditions to avoid

Conditions to avoid: Heat. Hot surfaces. Sources of ignition. Flames.

10.5. Incompatible materials

10.6. Hazardous decomposition products

Materials to avoid: Strong oxidising agents. Strong acids.

Haz. decomp. products: In combustion emits toxic fumes.

Section 11: Toxicological information

11.1. Information on toxicological effects

[cont...]

SAFETY DATA SHEET

DURA GRIP E2 ANTI-SLIP EPOXY PAINT – PART A

Page: 6

Hazardous ingredients:

1-METHOXY-2-PROPANOL

IVN	RAT	LD50	4200	mg/kg
ORL	MUS	LD50	11700	mg/kg
ORL	RAT	LDLO	3739	mg/kg

XYLENE

ORL	MUS	LD50	2119	mg/kg
ORL	RAT	LD50	4300	mg/kg
SCU	RAT	LD50	1700	mg/kg

BUTAN-1-OL

IVN	RAT	LD50	310	mg/kg
ORL	MUS	LD50	2680	mg/kg
ORL	RAT	LD50	790	mg/kg

Relevant hazards for product:

Hazard	Route	Basis
Serious eye damage/irritation	OPT	Hazardous: calculated

Symptoms / routes of exposure

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be irritation and redness. The eyes may water profusely.

Ingestion: There may be soreness and redness of the mouth and throat.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

Section 12: Ecological information

12.1. Toxicity

12.2. Persistence and degradability

Ecotoxicity values: No data available.

Persistence and degradability: Biodegradable.

12.3. Bioaccumulative potential

12.4. Mobility in soil

Bioaccumulative potential: No bioaccumulation potential.

Mobility: Readily absorbed into soil.

[cont...]

SAFETY DATA SHEET

DURA GRIP E2 ANTI-SLIP EPOXY PAINT – PART A

Page: 7

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects

Section 13: Disposal considerations

13.1. Waste treatment methods

Other adverse effects: Negligible ecotoxicity.

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information

14.1. UN number

UN number: UN1263

14.2. UN proper shipping name

14.3. Transport hazard class(es)

Shipping name: PAINT

Transport class: 3

14.4. Packing group

14.5. Environmental hazards

Packing group: II

Environmentally hazardous: No

Marine pollutant: No

14.6. Special precautions for user

Special precautions: No special precautions.

Tunnel code: D/E

Transport category: 1

Section 15: Regulatory information

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

15.2. Chemical Safety Assessment

Specific regulations: Not applicable.

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

Section 16: Other information

[cont...]

SAFETY DATA SHEET

DURA GRIP E2 ANTI-SLIP EPOXY PAINT – PART A

Page: 8

Other information

Other information: according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

* indicates text in the SDS which has changed since the last revision.

Phrases used in s.2 and s.3: H226: Flammable liquid and vapour.

H302: Harmful if swallowed.

H312: Harmful in contact with skin.

H315: Causes skin irritation.

H318: Causes serious eye damage.

H319: Causes serious eye irritation.

H332: Harmful if inhaled.

H335: May cause respiratory irritation.

H336: May cause drowsiness or dizziness.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.

Section 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier****Product name:** DURA GRIP E2 ANTI-SLIP EPOXY PAINT – PART B**Product code:** DRGRP-E2-B**1.2. Relevant identified uses of the substance or mixture and uses advised against****1.3. Details of the supplier of the safety data sheet****Company name:** SlipDoctors UK

4 Boundary Rd

Bursledon

SO31 8DS

United Kingdom

Tel: +44 (0)20 8895 6813**Email:** info@slipdoctors.co.uk**1.4. Emergency telephone number****Emergency tel:** +44 (0)116 274 2222

Poison centre contact:

England & Wales : NHS 111 - dial 111

Scotland : NHS 24 - dial 111

Republic of Ireland : Beaumont Hospital, Beaumont Road, Dublin 9, ROI.

dial +353 (0) 1 809 2566

Section 2: Hazards identification**2.1. Classification of the substance or mixture****Classification under CLP:** Flam. Liq. 1: H224; Skin Irrit. 2: H315**Most important adverse effects:** Extremely flammable liquid and vapour. Causes skin irritation.**2.2. Label elements****Label elements:****Hazard statements:** H224: Extremely flammable liquid and vapour.

H315: Causes skin irritation.

Hazard pictograms: GHS02: Flame

GHS07: Exclamation mark



SAFETY DATA SHEET

DURA GRIP E2 ANTI-SLIP EPOXY PAINT – PART B

Page: 2

Signal words: Danger

Precautionary statements: P243: Take action to prevent static discharges.

P264: Wash hands, forearms and face thoroughly after handling.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing.

Rinse skin with water .

P332+P313: If skin irritation occurs: Get medical advice/attention.

P370+P378: In case of fire: Use media other than water to extinguish.

2.3. Other hazards

Other hazards: In use, may form flammable / explosive vapour-air mixture.

PBT: This product is not identified as a PBT/vPvB substance.

Section 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients:

XYLENE - REACH registered number(s): 01-2119488216-32-0007

EINECS	CAS	PBT / WEL	CLP Classification	Percent
215-535-7	1330-20-7	-	Flam. Liq. 3: H226; Acute Tox. 4: H332; Acute Tox. 4: H312; Skin Irrit. 2: H315	30-50%

Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: Remove all contaminated clothes and footwear immediately unless stuck to skin.

Drench the affected skin with running water for 10 minutes or longer if substance is still on skin. Consult a doctor.

Eye contact: Bathe the eye with running water for 15 minutes. Consult a doctor.

Ingestion: Wash out mouth with water. Do not induce vomiting. If conscious, give half a litre of water to drink immediately. Consult a doctor.

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

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

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be irritation and redness. The eyes may water profusely.

Ingestion: There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur. There may be vomiting.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

[cont...]

SAFETY DATA SHEET

DURA GRIP E2 ANTI-SLIP EPOXY PAINT – PART B

Page: 3

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

Immediate / special treatment: Not applicable.

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Alcohol or polymer foam. Carbon dioxide. Dry chemical powder. Use water spray to cool containers.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: Highly flammable. In combustion emits toxic fumes. Forms explosive air-vapour mixture. Vapour may travel considerable distance to source of ignition and flash back.

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Refer to section 8 of SDS for personal protection details. If outside do not approach from downwind. If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Turn leaking containers leak-side up to prevent the escape of liquid. Eliminate all sources of ignition.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method. Do not use equipment in clean-up procedure which may produce sparks.

6.4. Reference to other sections

Reference to other sections: Refer to section 8 of SDS.

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Do not handle in a confined space. Avoid the formation or spread of mists in the air. Smoking is forbidden. Use non-sparking tools.

[cont...]

SAFETY DATA SHEET

DURA GRIP E2 ANTI-SLIP EPOXY PAINT – PART B

Page: 4

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. Keep container tightly closed. Keep away from sources of ignition. Prevent the build up of electrostatic charge in the immediate area. Ensure lighting and electrical equipment are not a source of ignition.

7.3. Specific end use(s)

Specific end use(s): No data available.

Section 8: Exposure controls/personal protection

8.1. Control parameters

Hazardous ingredients:

XYLENE

Workplace exposure limits:

Respirable dust:

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	220 mg/m ³	441 mg/m ³	-	-

DNEL/PNEC Values

DNEL / PNEC No data available.

8.2. Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area. Ensure lighting and electrical equipment are not a source of ignition.

Respiratory protection: Self-contained breathing apparatus must be available in case of emergency.

Hand protection: Impermeable gloves.

Eye protection: Safety glasses. Ensure eye bath is to hand.

Skin protection: Impermeable protective clothing.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Liquid

Colour: Pale brown

Odour: Characteristic odour

Viscosity: Non-viscous

Flash point°C: 21 - 23

Relative density: 0.90

VOC g/l: 576

9.2. Other information

Other information: No data available.

[cont...]

SAFETY DATA SHEET

DURA GRIP E2 ANTI-SLIP EPOXY PAINT – PART B

Page: 5

Section 10: Stability and reactivity

10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability

10.3. Possibility of hazardous reactions

Chemical stability: Stable under normal conditions. Stable at room temperature.

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.

Decomposition may occur on exposure to conditions or materials listed below.

10.4. Conditions to avoid

Conditions to avoid: Heat. Hot surfaces. Sources of ignition. Flames.

10.5. Incompatible materials

10.6. Hazardous decomposition products

Materials to avoid: Strong oxidising agents. Strong acids.

Haz. decomp. products: In combustion emits toxic fumes.

Section 11: Toxicological information

11.1. Information on toxicological effects

Hazardous ingredients:

XYLENE

ORL	MUS	LD50	2119	mg/kg
ORL	RAT	LD50	4300	mg/kg
SCU	RAT	LD50	1700	mg/kg

Relevant hazards for product:

Hazard	Route	Basis
Skin corrosion/irritation	DRM	Hazardous: calculated

Symptoms / routes of exposure

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be irritation and redness. The eyes may water profusely.

Ingestion: There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur. There may be vomiting.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

[cont...]

SAFETY DATA SHEET

DURA GRIP E2 ANTI-SLIP EPOXY PAINT – PART B

Page: 6

Section 12: Ecological information

12.1. Toxicity

Ecotoxicity values: No data available.

12.2. Persistence and degradability

12.3. Bioaccumulative potential

Persistence and degradability: Biodegradable.

Bioaccumulative potential: No bioaccumulation potential.

12.4. Mobility in soil

12.5. Results of PBT and vPvB assessment

Mobility: Readily absorbed into soil.

PBT identification: This product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects

Section 13: Disposal considerations

13.1. Waste treatment methods

Other adverse effects: Negligible ecotoxicity.

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information

14.1. UN number

UN number: UN1263

14.2. UN proper shipping name

14.3. Transport hazard class(es)

Shipping name: PAINT

Transport class: 3

14.4. Packing group

14.5. Environmental hazards

Packing group: I

Environmentally hazardous: No

Marine pollutant: No

14.6. Special precautions for user

Special precautions: No special precautions.

Tunnel code: D/E

[cont...]

SAFETY DATA SHEET

DURA GRIP E2 ANTI-SLIP EPOXY PAINT – PART B

Page: 7

Transport category: 1

Section 15: Regulatory information

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

15.2. Chemical Safety Assessment

Section 16: Other information

Other information

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830.

* indicates text in the SDS which has changed since the last revision.

Phrases used in s.2 and s.3: H224: Extremely flammable liquid and vapour.

H226: Flammable liquid and vapour.

H312: Harmful in contact with skin.

H315: Causes skin irritation.s

H332: Harmful if inhaled.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.

Safety Data Sheet

Identity (As used on Label and List)

DURA GRIP E2 ANTI-SLIP PAINT – PART C

CAS No. 1332-09-8

EINECS No. 310-127-6

ACID No. 99901E1050

TSCA Inventory: Listed as Pumice (CAS # 1332-09-8)

DSL: DSL: Listed as Pumice (CAS # 1332-09-8)

GHS STATEMENT: This product does NOT contain any harmful substances listed in GHS WHMIS STATEMENT: This product is classified as an UNCONTROLLED product according to WHMIS classification criteria.

REACH Statement: This product is EXEMPT from REACH registration in accordance with section 1.6.4 (Substances exempted from registration) of the Guidance for Registration of the REACH regulation. As such, the obligations for downstream users and the provisions on substance and dossier evaluation do not apply.

Note: Blank spaces are not permitted. If any item is not applicable, or information is not available, the space must be marked to indicate this.

(N/A = Not Applicable)

Section 1: Identification

Product Identification: Pumice / Amorphous Aluminum Silicate

Manufacture's Identification:

Contact Telephone Numbers

SLIPDOCTORS UK

+44 020 8895 6813

Address
4 Boundary Rd
Bursledon
Hampshire
SO31 8DS
United Kingdom

Emergency Telephone Number:
Poison Contact Centre:
+44 (0)116 274 2222
Prepared: **January 2018**
Reviewed: **January 2022**

Section 2: Hazards Identification

Material is considered non-hazardous

Signal Word:

GHS Hazard Phrases:

Based on evaluation of currently available data this substance is not classifiable according to GHS

GHS Precaution Phrases:

No phrases apply.

GHS Response Phrases:

No phrases apply

GHS Labeling Pictogram

No applicable pictogram

Section 3: Composition Information

Other principal inert components: **Complex silicates or oxides of AL,K, Na, Fe, Ca, Mg, Ti.**

Chemical Identity, major components: **Amorphous Aluminum Silicate (Al₂O₃)**

M_xO_y • SiO₂ (M=Al, Ca, Mg + other minor metal oxides, with bound amorphous silica (SiO₂))

Common Names: **Pumice, volcanic glass**

HMIS (Hazardous Materials Identification System Ratings – NPCA/CPCA)Based on hazard rating of 4 = Most severe

Health 0

Flammability 0

Reactivity 0

Personal Protection: Use approved dust mask; goggles to prevent eye irritation.

Section 10: Stability and Reactivity

Stability	Unstable	Conditions to Avoid
	Stable <u>X</u>	No special precautions

Incompatibility (Materials to Avoid): **No Incompatibility. (Reacts with hydrofluoric acid: soluble in HF)**

Hazardous Decomposition of Byproducts: **May react with hydrofluoric acid to form toxic silicon tetra-fluoride gas.**

Hazardous Polymerization	May Occur	Conditions to Avoid:
	Will Not Occur X	No special conditions

Section 11: Toxicological Information

Classified as Nuisance Dust only.

Route(s) of Entry: Inhalation: **Yes** Skin: **No** Ingestion: **Non-Hazardous**

Carcinogenicity: NTP? **No** IARC Monographs? **Vol. 68 (1997)** OSHA Regulated? **No**
Silica-Group 3. (Not classifiable as to carcinogenicity to humans.)

Signs and Symptoms of Exposure: **In extreme exposures, some congestion may occur.**

Medical conditions which may be aggravated by exposure: **Pre-existing upper respiratory and lung disease such as, but not limited to, Emphysema and Asthma.**

Acute health effects: **Transitory upper respiratory irritant.**

Chronic health effects: **Inhalation of high levels of any nuisance dust over long periods of time may cause lungs to be more vulnerable to pneumoconiosis (lung disease).**

Section 12: Ecological Information

No special considerations.

Section 13: Disposal Considerations

Bury as non-toxic waste in an approved landfill in accordance with all federal, state and local regulations.

Section 14: Transportation Information

Not controlled by IATA and to be considered as non-dangerous goods.

Section 15: Regulatory Information

Not regulated.

Section 16: Other

No other special considerations.