

SAFETY DATA SHEET - FLINTSDEX

1. IDENTIFICATION OF SUBSTANCE/PREPARATION & COMPANY

1.1. Product identifier:

Product Name / Code: Flintsdex, ADH089

REACH Key Notes: -

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

Application of Substance: Quick grab adhesive

1.3. Details of the supplier of the safety data sheet:

Company: Flints Theatrical Chandlers Ltd
Unit 9 Deptford Trading Estate
Blackhorse Road
SE8 5HY

Telephone: +44 (0) 20 7703 9786

Email: sales@flints.co.uk

Telephone operated from 08:30 - 17:30 Monday to Friday, 09:00 - 14:00 Saturday.
In an emergency, seek advice from a medical professional.

2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture Classification (EC 1272/2008)

Physical hazards: Not Classified

Health hazards: Not Classified

Environmental hazards: Not Classified

Human health: The product is considered to be a low hazard under normal conditions of use. May be slightly irritating to skin.

Environmental: The product is not expected to be hazardous to the environment.

Physicochemical: When handled correctly, undamaged units represent no danger.

2.2. Label elements:

Hazard statements: NC Not Classified

2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

3. COMPOSITION / INFORMATION ON INGREDIENTS

3.2. Mixtures

Composition comments: Contains natural rubber latex. May cause an allergic reaction Chemical Nature chemical nature

4. FIRST AID MEASURES

4.1. Description of first aid measures

General information: Move affected person to fresh air at once. Get medical attention if any discomfort continues.

Inhalation: Move affected person to fresh air at once. Get medical attention if any discomfort continues.

Ingestion: Do not induce vomiting. Never give anything by mouth to an unconscious person. Do not induce vomiting. Rinse mouth thoroughly with water. Get medical attention.

Skin contact: Remove affected person from source of contamination. Get medical attention if irritation persists after washing.

Eye contact: Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

Protection of first aiders: First aid personnel should wear appropriate protective equipment during any rescue. It may be dangerous for first aid personnel to carry out mouth-to-mouth resuscitation.

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

General information: The severity of the symptoms described will vary dependent on the concentration and the length of exposure.

Inhalation: No specific symptoms known.

Ingestion: May cause stomach pain or vomiting.

Skin contact: No specific symptoms known.

Eye contact: May cause temporary eye irritation.

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

Notes for the doctor: No specific recommendations. If in doubt, get medical attention promptly.

Specific treatments: Treat symptomatically.

5. FIRE FIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media: Extinguish with the following media: Water spray, fog or mist. Foam. Carbon dioxide (CO₂). Dry chemicals, sand, dolomite etc.

Unsuitable extinguishing media: None known.

5.2. Special hazards arising from the substance or mixture

Specific hazards: Thermal decomposition or combustion products may include the following substances: Irritating gases or vapours. Carbon dioxide (CO₂). Carbon monoxide (CO).

Hazrds combustion products: Does not decompose when used and stored as recommended.

5.3. Advice for firefighters

Protective actions during firefighting: Use water to keep fire exposed containers cool and disperse vapours.

Protective equipment for firefighters: Use air-supplied respirator, gloves and protective goggles.

6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Wear protective clothing as described in Section 8 of this safety data sheet.

For non-emergency personnel: Wear protective clothing as described in Section 8 of this safety data sheet.

For emergency responders: Wear protective clothing as described in Section 8 of this safety data sheet.

6.2. Environmental precautions

Environmental precautions: Avoid discharge into drains or watercourses or onto the ground.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up: Absorb in vermiculite, dry sand or earth and place into containers. Avoid the spillage or runoff entering drains, sewers or watercourses.

6.4. Reference to other sections

Reference to other sections: For personal protection, see Section 8.

7. HANDLING AND STORAGE

7.1. Precautions for safe handling

Usage precautions: Avoid spilling. Wear protective gloves, eye and face protection.

General occupational hygiene advice: Provide eyewash station. Good personal hygiene procedures should be implemented.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions: Store in tightly-closed, original container in a dry, cool and well-ventilated place. Store at temperatures above 5°C.

Storage class: Unspecified storage.

7.3. Specific end use(s)

Specific end use(s): The identified uses for this product are detailed in Section 1.2.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

8.1. Control parameters Occupational exposure limits

POTASSIUM HYDROXIDE SOLUTION

Short-term exposure limit (15-minute): WEL 2 mg/m³

AMMONIA ...%

Long-term exposure limit (8-hour TWA): WEL 25 ppm 18 mg/m³

Short-term exposure limit (15-minute): WEL 35 ppm 25 mg/m³

SODIUM HYDROXIDE

Long-term exposure limit (8-hour TWA): WEL

Short-term exposure limit (15-minute): WEL 2 mg/m³

WEL = Workplace Exposure Limit

Butylated reaction product of p-cresol & dicyclopentadiene (CAS: 68610-51-5)

DNEL: Industry: Oral; Long term systemic effects: 0.8 mg/kg/day
Industry: Dermal; Long term systemic effects: 4 mg/kg/day
Industry: Inhalation; Long term systemic effects: 0.35 mg/m³

PNEC: STP; 150.9 mg/l

AMMONIA ...% (CAS: 1336-21-6)

DNEL: Industry - Dermal; Short term systemic effects: 6.8 mg/kg/day
Industry - Inhalation; Short term systemic effects: 47.6 mg/m³
Industry - Inhalation; Short term local effects: 36 mg/m³
Industry - Dermal; Long term systemic effects: 6.8 mg/kg/day
Industry - Inhalation; Long term local effects: 14 mg/m³

PNEC: Fresh water; 0.0011 mg/l
Marine water; 0.0011 mg/l

8.2. Exposure controls

Protective equipment



Appropriate engineering controls: Provide adequate general and local exhaust ventilation.

Eye/face protection: Wear chemical splash goggles. Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. Personal protective equipment for eye and face protection should comply with European Standard EN166.

Hand protection: Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. It is recommended that gloves are made of the following material: Nitrile rubber. To protect hands from chemicals, gloves should comply with European Standard EN374. The selected gloves should have a breakthrough time of at least 6 hours.

Other skin and body protection: Avoid contact with skin. Wear appropriate clothing to prevent skin contamination.

Hygiene measures: Wash at the end of each work shift and before eating, smoking and using the toilet. Do not smoke in work area.

Respiratory protection: If ventilation is inadequate, suitable respiratory protection must be worn. Wear a respirator fitted with the following cartridge: Combination filter, type A2/P3. Ensure all respiratory protective equipment is suitable for its intended use and is 'CE'-marked.

Thermal hazards: Contact with hot product can cause serious thermal burns.

Environmental exposure controls: Keep container tightly sealed when not in use.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance: Liquid.

Colour: White.

Odour: Characteristic.

Odour threshold: Not relevant.

pH: pH (concentrated solution): 8.0

Melting point: Not available.

Initial boiling point and range: 100°C @ 760 mm Hg

Flash point:	No information required.
Evaporation rate:	Not available.
Evaporation factor:	Not available.
Flammability (solid, gas):	Not available.
Upper/lower flammability or explosive limits:	Not relevant.
Other flammability:	Not available.
Vapour pressure:	Not available.
Vapour density:	Not available.
Relative density:	0.99 - - 1.01 @ @ 20°C
Bulk density:	Not applicable.
Solubility(ies):	Not determined. Miscible with water.
Partition coefficient:	Not available.
Auto-ignition temperature:	Not available.
Decomposition Temperature:	Not determined.
Viscosity:	7000- - 8000 cP @ 20°C
Explosive properties:	No information available.
Explosive under the influence of a flame:	No
Oxidising properties:	Not applicable.
Comments	Information declared as "Not available" or "Not applicable" is not considered to be relevant to the implementation of the proper control measures.
9.2. Other information	
Refractive index:	Not relevant.
Particle size:	Not available.
Molecular weight:	Not available.
Volatility:	Not applicable.
Saturation concentration:	Not available.
Critical temperature:	Not available.
Volatile organic compound:	Not relevant.

10. STABILITY AND REACTIVITY

10.1. Reactivity

Reactivity: There are no known reactivity hazards associated with this product.

10.2. Chemical stability

Stability: Stable at normal ambient temperatures and when used as recommended.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions: Not applicable. Not relevant.

10.4. Conditions to avoid

Conditions to avoid: Avoid exposure to high temperatures or direct sunlight.

10.5. Incompatible materials

Materials to avoid: Avoid contact with the following materials: Some metals.

10.6. Hazardous decomposition products

Hazardous decomposition: Thermal decomposition or combustion products may include the following substances: products

Irritating gases or vapours: Oxides of carbon.

11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Toxicological effects: No data recorded.

Acute toxicity - oral

Notes (oral LD₅₀): Not determined.

Acute toxicity - dermal

Notes (dermal LD₅₀): Not determined.

Acute toxicity - inhalation

Notes (inhalation LC₅₀): Not determined.

Skin corrosion/irritation

Animal data: Not determined.

Human skin model test: Not determined.

Extreme pH: Not applicable.

Serious eye damage/irritation

Serious eye damage/irritation: Based on available data the classification criteria are not met.

Respiratory sensitisation

Respiratory sensitisation:	Based on available data the classification criteria are not met.
Skin sensitisation	
Skin sensitisation:	Based on available data the classification criteria are not met.
Germ cell mutagenicity	
Genotoxicity - in vitro	Based on available data the classification criteria are not met.
Genotoxicity - in vivo	Based on available data the classification criteria are not met.
Carcinogenicity	
Carcinogenicity:	Not applicable.
Reproductive toxicity	
Reproductive toxicity - fertility:	Based on available data the classification criteria are not met.
Reproductive toxicity - development:	Does not contain any substances known to be toxic to reproduction.
Specific target organ toxicity - single exposure	
STOT - single exposure:	Based on available data the classification criteria are not met.
Target organs:	Not relevant.
STOT - repeated exposure:	Based on available data the classification criteria are not met.
Target organs:	Not relevant.
Aspiration hazard	
Aspiration hazard:	Not relevant.
General information	No specific health hazards known.
Inhalation	No specific health hazards known.
Ingestion	No specific health hazards known.
Skin contact	Skin irritation should not occur when used as recommended.
Eye contact	Particles in the eyes may cause irritation and smarting.
Acute and chronic health hazards	No specific health hazards known.
Route of entry	Skin and/or eye contact
Target organs	Not relevant.
Medical symptoms	No specific symptoms known.
Specific target organ toxicity - repeated exposure	
OLEIC ACID	
Acute toxicity - oral	

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Acute toxicity oral (LD₅₀ mg/kg) 2,050.0

Species Rat

ATE oral (mg/kg) 2,050.0

POTASSIUM HYDROXIDE SOLUTION

Acute toxicity - oral

Acute toxicity oral (LD₅₀ mg/kg) 350.0

Species Rat

ATE oral (mg/kg) 350.0

12. ECOLOGICAL INFORMATION

Ecotoxicity The product components are not classified as environmentally hazardous. However, large or frequent spills may have hazardous effects on the environment.

12.1. Toxicity

Acute toxicity - fish Not determined.

Acute toxicity
- aquatic invertebrates: Not determined.

Acute toxicity - aquatic plants Not determined.

Acute toxicity microorganisms Not determined.

Acute toxicity - terrestrial Not determined.

Chronic toxicity
- fish early life stage: Not determined.Short term toxicity -
embryo and sac fry stages Not determined.Chronic toxicity -
aquatic invertebrates Not determined.**OLEIC ACID**Acute toxicity - fish LC₅₀, 96 hours: >56 mg/l, AlgaeAcute toxicity - aquatic EC₅₀, 48 hours: 80 mg/l, Daphnia magna invertebrates**POTASSIUM HYDROXIDE SOLUTION**Acute toxicity - fish LC₅₀, 96 hours: 44 mg/l, Algae**12.2. Persistence and degradability**

Persistence and degradability The product is slowly degradable.

Phototransformation Not determined.

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Stability (hydrolysis)	Not determined.
Biodegradation	Inherently biodegradable.
Biological oxygen demand	Not determined.
Chemical oxygen demand	Not determined.
12.3. Bioaccumulative potential	
Bioaccumulative potential	No data available on bioaccumulation.
Partition coefficient	Not available.
12.4. Mobility in soil	
Mobility	The product is soluble in water.
Adsorption/desorption coefficient	Not determined.
Henry's law constant	Not determined.
Surface tension	Not determined.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment: This product does not contain any substances classified as PBT or vPvB.

12.6. Other adverse effects

Other adverse effects None known.

13. DISPOSAL INFORMATION**13.1. Waste treatment methods**

General information Dispose of waste product or used containers in accordance with local regulations

Disposal methods: Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

14. TRANSPORT INFORMATION

General The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1. UN number**14.2. UN proper shipping name****14.3. Transport hazard class(es)**

Transport labels: No transport warning sign required.

14.4. Packing group

14.5. Environmental hazards

Environmentally hazardous substance
/marine pollutant: No.

14.6. Special precautions for user

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

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

15. REGULATORY INFORMATION

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

National regulations The Chemicals (Hazard Information and Packaging for Supply)
Regulations 2009 (SI 2009 No. 716).

Rivers (Prevention of Pollution) Act 1961.

Control of Substances Hazardous to Health Regulations 2002 (as
amended).

EU legislation Regulation (EC) No 1272/2008 of the European Parliament and of the
Council of 16

December 2008 on classification, labelling and packaging of substances
and mixtures (as amended).

Regulation (EC) No 1907/2006 of the European Parliament and of the
Council of 18 December 2006 concerning the Registration, Evaluation,
Authorisation and Restriction of Chemicals (REACH) (as amended).

Guidance CHIP for everyone HSG228.

Approved Classification and Labelling Guide (Sixth edition) L131.

Authorisations

(Title VII Regulation 1907/2006): No specific authorisations are known for this product.

Restrictions

(Title VIII Regulation 1907/2006): No specific restrictions on use are known for this product.

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

16. OTHER INFORMATION

Abbreviations and acronyms used in the safety data sheet

ATE: Acute Toxicity Estimate.

ADR: European Agreement concerning the International Carriage of Dangerous
Goods by Road.

CAS: Chemical Abstracts Service.

DNEL:	Derived No Effect Level.
GHS:	Globally Harmonized System.
IATA:	International Air Transport Association.
ICAO-TI:	Technical Instructions for the Safe Transport of Dangerous Goods by Air.
IMDG:	International Maritime Dangerous Goods.
Kow:	Octanol-water partition coefficient.
LC₅₀:	Lethal Concentration to 50 % of a test population.
LD₅₀:	Lethal Dose to 50% of a test population (Median Lethal Dose).
PBT:	Persistent, Bioaccumulative and Toxic substance.
PNEC:	Predicted No Effect Concentration.
REACH:	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006.
RID:	European Agreement concerning the International Carriage of Dangerous Goods by Rail.
SVHC:	Substances of Very High Concern.
vPvB:	Very Persistent and Very Bioaccumulative. IARC: International Agency for Research on Cancer.
MARPOL 73/78:	International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978.
cATpE:	Converted Acute Toxicity Point Estimate.
BCF:	Bioconcentration Factor.
BOD:	Biochemical Oxygen Demand.
EC₅₀:	50% of maximal Effective Concentration.
LOAEC:	Lowest Observed Adverse Effect Concentration.
LOAEL:	Lowest Observed Adverse Effect Level.
NOAEC:	No Observed Adverse Effect Concentration.
NOAEL:	No Observed Adverse Effect Level.
NOEC:	No Observed Effect Concentration.
LOEC:	Lowest Observed Effect Concentration.
DMEL:	Derived Minimal Effect Level.
UN:	United Nations.
IBC:	International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk (International Bulk Chemical Code).

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Theatrical Chandlers

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