

**Precizioned SculptaClay PZ-A 3029L**

ACCORDING TO EC-REGULATIONS 1907/2006 (REACH), 1272/2008 (CLP) &amp; 2020/878

**SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING****1.1 Product identifier**Product Name **Precizioned SculptaClay PZ-A 3029L****1.2 Relevant identified uses of the substance or mixture and uses advised against**Identified Use(s) Production of disposable patterns and/or sprues for use in the art casting process.  
For industrial use only. Not intended for public use.

Uses Advised Against Not known.

**1.3 Details of the supplier of the safety data sheet****Manufacturer**Company Identification Precizioned distributed/manufactured by International Precision Casting Supplies  
Address of Manufacturer 1570 Terex Road  
Hudson, Ohio

Postal code 44236

Telephone: 3303420407

Fax 3303420409

E-mail cmackey@ipcs-uk.com

Office hours 08:00 - 17:00 EST

**Supplier**Company Identification International Precision Casting Supplies, Inc.  
Address of Supplier 1570 Terex Road  
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**1.4 Emergency telephone number**Emergency Phone No. 3303420407  
Contact Craig Mackey**SECTION 2: HAZARDS IDENTIFICATION****2.1 Classification of the substance or mixture**

Regulation (EC) No. 1272/2008 (CLP) Not classified as dangerous for supply/use.

**2.2 Label elements**

According to Regulation (EC) No. 1272/2008 (CLP)

Product Name **Precizioned SculptaClay PZ-A 3029L**

Hazard Pictogram(s) None.

Signal Word(s) None.

Hazard Statement(s) None.

Precautionary Statement(s) None.

**2.3 Other hazards**

None known.

**2.4 Additional Information**

None.

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS****3.1 Substances**

Not applicable.

**3.2 Mixtures**

Contains no non-classified vPvB substances.

Contains a non-classified substance with a Union workplace exposure limit. Paraffin wax, fume (8002-74-2)

For full text of H/P Statements see section 16.

**SECTION 4: FIRST AID MEASURES**

**Precizioned SculptaClay PZ-A 3029L****4.1 Description of first aid measures**

Inhalation If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.

Skin Contact Wash skin with water.

Eye Contact Flush eyes with water for at least 15 minutes.

Ingestion Wash out mouth with water.

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

None anticipated. Treat symptomatically.

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

Unlikely to be required but if necessary treat symptomatically.

**SECTION 5: FIREFIGHTING MEASURES****5.1 Extinguishing media**

Suitable Extinguishing media As appropriate for surrounding fire.

Unsuitable extinguishing media None.

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

None anticipated. Heating may cause decomposition.

**5.3 Advice for firefighters**

As appropriate for surrounding fire.

**SECTION 6: ACCIDENTAL RELEASE MEASURES****6.1 Personal precautions, protective equipment and emergency procedures**

Provide adequate ventilation. Wear suitable gloves if prolonged skin contact is likely.

**6.2 Environmental precautions**

Do not release large quantities into the surface water or into drains.

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

Sweep spilled substances into containers if appropriate moisten first to prevent dusting.

**6.4 Reference to other sections**

See Also Section 8, 13.

**SECTION 7: HANDLING AND STORAGE****7.1 Precautions for safe handling**

Not known.

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

Storage temperature

Ambient.

Storage life

Stable under normal conditions.

Incompatible materials

None known.

**7.3 Specific end use(s)**

Production of disposable patterns and/or sprues for use in the art casting process.  
For industrial use only. Not intended for public use.

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION****8.1 Control parameters****8.1.1 Occupational Exposure Limits**

| Occupational Exposure Limits |           |                     |                                    |            |                           |      |
|------------------------------|-----------|---------------------|------------------------------------|------------|---------------------------|------|
| SUBSTANCE.                   | CAS No.   | LTEL (8 hr TWA ppm) | LTEL (8 hr TWA mg/m <sup>3</sup> ) | STEL (ppm) | STEL (mg/m <sup>3</sup> ) | Note |
| Paraffin wax, fume           | 8002-74-2 |                     | 2                                  |            | 6                         |      |

Region United Kingdom Source UK Workplace Exposure Limits EH40/2005 (Fourth edition, published 2020)

Remark Notes



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**8.2 Exposure controls**

8.2.1. Appropriate engineering controls Ensure adequate ventilation.

8.2.2. Personal protection equipment



Eye Protection

Wear eye protection with side protection (EN ISO 16321-1).



Skin protection

Not normally required.



Respiratory protection

Normally no personal respiratory protection is necessary.



Thermal hazards

None known.

8.2.3. Environmental Exposure Controls Do not release large quantities into the surface water or into drains.

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

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

|  |   |
|--|---|
| Physical state   | Solid.  |
| Colour   | Brown   |
| Odour  | Characteristic  |
| Melting point/freezing point                             | ~137 °F   |
| Boiling point or initial boiling point and boiling range | Not known.  |
| Flammability   | Non-flammable.  |
| Lower and upper explosion limit                          | Not known.  |
| Flash Point  | Not applicable.   |
| Auto-ignition temperature                                | Not known.  |
| Decomposition Temperature                                | Not known.  |
| pH   | Not known.  |
| Kinematic Viscosity                                      | Not known.  |
| Solubility   | Solubility (Water) : Insoluble in water.<br>Solubility (Other) : Not known. |
| Partition coefficient n-octanol/water (log value)        | Not known.  |
| Vapour pressure  | Not known.  |
| Density and/or relative density                          | Relative density : 0.93 @ 77 °F   |
| Relative vapour density                                  | Not known.  |
| Particle characteristics                                 | Not known.  |

**9.2 Other information**

None.

**SECTION 10: STABILITY AND REACTIVITY**

**10.1 Reactivity**

None anticipated.

**10.2 Chemical Stability**

Stable under normal conditions.

**10.3 Possibility of hazardous reactions**

No hazardous reactions known if used for its intended purpose.

**10.4 Conditions to avoid**

None anticipated.

**10.5 Incompatible materials**

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Not known.

**10.6 Hazardous decomposition products**

No hazardous decomposition products known.

**SECTION 11: TOXICOLOGICAL INFORMATION****11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**

|                                |  |
|--------------------------------|--|
| Acute toxicity - Ingestion     | Self classification:<br>Low acute toxicity.  |
| Acute toxicity - Skin Contact  | Self classification:<br>Low acute toxicity.  |
| Acute toxicity - Inhalation    | Low acute toxicity   |
| Skin corrosion/irritation      | Self classification:<br>Non-irritant. The molten form can cause thermal burns if in contact with skin or eyes. |
| Serious eye damage/irritation  | Non-irritant   |
| Skin sensitization data        | Not classified   |
| Respiratory sensitization data | Not classified   |
| Germ cell mutagenicity         | There is no evidence of mutagenic potential.   |
| Carcinogenicity                | Self classification:<br>No evidence of carcinogenicity.  |
| Reproductive toxicity          | Self classification:<br>None anticipated.  |
| Lactation                      | Not classified   |
| STOT - single exposure         | Not classified   |
| STOT - repeated exposure       | Not classified   |
| Aspiration hazard              | Not classified   |

**11.2 Information on other hazards**

Not known.

**SECTION 12: ECOLOGICAL INFORMATION****12.1 Toxicity**

|                                    |                                |
|------------------------------------|--------------------------------|
| Toxicity - Aquatic invertebrates   | Low toxicity to invertebrates. |
| Toxicity - Fish                    | Low toxicity to fish.          |
| Toxicity - Algae                   | Low toxicity to algae.         |
| Toxicity - Sediment Compartment    | Not classified.                |
| Toxicity - Terrestrial Compartment | Not classified.                |

**12.2 Persistence and degradability**

Not known.

**12.3 Bioaccumulative potential**

Not known.

**12.4 Mobility in soil**

Insoluble in water. The product is predicted to have low mobility in soil.

**12.5 Results of PBT and vPvB assessment**

Not known.

**12.6 Endocrine disrupting properties**

None known.

**12.7 Other adverse effects**

Not known.

**SECTION 13: DISPOSAL CONSIDERATIONS****13.1 Waste treatment methods**

Dispose at suitable refuse site.

**13.2 Additional Information**

No special precautions are required for this product.

**SECTION 14: TRANSPORT INFORMATION****Not classified as hazardous for transport.**

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|   |                                       |
|---|---------------------------------------|
| <b>14.1 UN number or ID number</b>                                  | Not applicable                        |
| <b>14.2 UN proper shipping name</b>                                 | Not applicable                        |
| <b>14.3 Transport hazard class(es)</b>                              | Not applicable                        |
| <b>14.4 Packing group</b>   | Not applicable                        |
| <b>14.5 Environmental hazards</b>                                   | Not classified as a Marine Pollutant. |
| <b>14.6 Special precautions for user</b>                            | Not known                             |
| <b>14.7 Maritime transport in bulk according to IMO instruments</b> | Not known                             |

**SECTION 15: REGULATORY INFORMATION****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

European Regulations - Authorisations and/or Restrictions On Use

Candidate List of Substances of Very High Concern for Authorisation Not listed

REACH: ANNEX XIV list of substances subject to authorisation Not listed

REACH: Annex XVII Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles Not listed

Community Rolling Action Plan (CoRAP) Regulation (EU) N° 2019/1021 of the European Parliament and of the Council on persistent organic pollutants Not listed

Regulation (EC) N° 1005/2009 on substances that deplete the ozone layer Not listed

Regulation (EU) N° 649/2012 of the European Parliament and of the Council concerning the export and import of hazardous chemicals Not listed

**National regulations**

Other Not known.

**15.2 Chemical Safety Assessment**

A REACH chemical safety assessment has not been carried out.

**SECTION 16: OTHER INFORMATION**

The following sections contain revisions or new statements:

**LEGEND**

Hazard Pictogram(s) None.

Hazard Statement(s) None.

Precautionary Statement(s) None.

Acronyms

ATE : Acute Toxicity Estimate

CAS : Chemical Abstracts Service

CLP : Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures

DNEL : Derived No Effect Level

EC : European Community

EINECS : European Inventory of Existing Commercial Chemical Substances

LTEL : Long term exposure limit

PBT : Persistent, Bioaccumulative and Toxic

PNEC : Predicted No Effect Concentration

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REACH : Registration, Evaluation, Authorisation and Restriction of Chemicals  
STEL : Short term exposure limit  
STOT : Specific Target Organ Toxicity  
vPvB : very Persistent and very Bioaccumulative

Key literature references and sources for Regulation (EC) No. 1272/2008 (CLP)  
data used to compile the SDS  
Training Advice  
Disclaimers

Regular safety training as appropriate  
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