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Mouldlife

MOULDING • CASTING • PROTOTYPING • SFX

Safety Data Sheet

Transil 20/Transil 20 Purple Part A

According to regulation (EC) n° 1907/2006 Annex II

Section 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier: Transil 20/Transil 20 Purple Part A

1.2 Relevant Identified Uses of the Substance or Mixture and Uses Advised Against:

Identified uses: Moulding range of objects. Paramedical.

Uses advised against: None known.

1.3 Supplier:

Mouldlife Limited,

Unit D + E, Anglian Lane, Bury St Edmunds

IP32 6SR, Suffolk

Telephone: +44 (0) 1638 750 679

1.4 Emergency Telephone Number: +44 (0) 1638 750 679

Section 2: Hazards identification

2.1 Classification of the substance or mixture

The product has not been classified as hazardous according to the legislation in force.

Hazard summary:

Physical Hazards: No specific recommendations.

Health Hazards:

Inhalation: No specific symptoms noted.

Eye contact: No specific symptoms noted.

Skin Contact: No specific symptoms noted.

Ingestion: No specific symptoms noted.

Other Health Effects: No other information noted.

Inhalation: No specific symptoms noted.

Environmental hazards: Not regarded as dangerous for the environment.

2.2. Label elements

the product does not need to be labelled in accordance with EC directives or respective national laws.

2.3 Other hazards

Chemical compounds containing silicon – hydrogen bonds (SiH). This product may generate hydrogen gas. For further information, refer to Section 10: "Stability and Reactivity".

Section 3: Composition/information on ingredients

3.2 Mixtures

General information: Mixture of Polyorganosiloxanes, fillers. Pigment.

Section 4: First aid measures

General: Get medical attention if symptoms occur. Contaminated clothing to be placed in closed container until disposal or decontamination.

4.1 Description of first aid measures

Inhalation: Not relevant.

Eye contact: In the event of contact with the eyes, rinse thoroughly with clean water. Continue to rinse for at least 15 minutes.

Skin Contact: Remove contaminated clothing and shoes. Wash with soap and water.

Ingestion: Do not induce vomiting. Rinse mouth thoroughly.

4.2 Most important symptoms and effects, both acute and delayed: None known.

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

Hazards: No specific recommendations.

Treatment: No specific recommendations.

Section 5: Firefighting measures

General Fire Hazards: No specific recommendations.

5.1 Extinguishing media

Suitable extinguishing media: Extinguish with foam, carbon dioxide or dry powder. Water spray.

Unsuitable extinguishing media: None known.

5.2 Special hazards arising from the substance or mixture:

Combustible. For further information, refer to Section 10: "Stability and Reactivity".

5.3 Advice for Fire-Fighters:

Special fire-fighting procedures: Water spray should be used to cool containers.

Special protective equipment for fire-fighters: Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

Section 6: Accidental release measures

6.1 Personal Precautions, Protective Equipment and Emergency Procedures

Use personal protective equipment. See Section 8 of the MSDS for Personal Protective Equipment.

6.2 Environmental Precautions

Collect spillage. Do not discharge into drains, water courses or onto the ground.

6.3 Methods and Material for Containment and Cleaning Up

Containers with collected spillage must be properly labelled with correct contents and hazard symbol. Suitable containers: equipped with a degassing device. Absorb with sand or other inert absorbent. Do NOT use products which are basic. To clean the floor and all objects contaminated by this material, use an appropriate solvent. (cf. : § 9) Flush area with plenty of water.

Notification Procedures: Caution: Contaminated surfaces may be slippery. For waste disposal, see section 13 of the MSDS.

Section 7: Handling and storage

7.1 Precautions for Safe Handling:

No specific precautions.

7.2 Conditions for Safe Storage, including any Incompatibilities:

No special storage precautions noted. Material is stable under normal conditions. Avoid contact with oxidizing agents. Suitable containers: polyethylene. Plastic lined steel drum.

7.3 Specific end use(s): No specific recommendations.

Section 8: Exposure controls/personal protection

8.1 Control Parameters:

Occupational Exposure Limits: None of the components have assigned exposure limits.

8.2 Exposure controls

Appropriate engineering controls: No special precautions

Individual protection measures, such as personal protective equipment:

General information: No specific precautions.

Eye/face protection: Safety Glasses.

Skin protection:

Hand Protection: Use protective gloves made of: Nitrile. Polyvinyl chloride (PVC). Rubber or plastic.

Other: It is a good industrial hygiene practice to minimize skin contact. Wear suitable protective clothing.

Respiratory Protection: No specific precautions.

Hygiene measures: Provide eyewash station and safety shower.

Environmental Controls: No data available.

Section 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties Appearance

Physical state: Liquid

Form: Slightly viscous

Colour: Transil 20 - Translucent/blue

Transil 20 Purple - Purple

Odour: Odorless

Odor Threshold: No data available.

pH: Not applicable

Freezing point: No data available.

Boiling Point: No data available.

Flash Point: Estimated > 200 °C

Evaporation Rate: No data available.

Flammability (solid, gas): No data available.

Flammability Limit - Upper (%)-: No data available.

Flammability Limit - Lower (%)-: No data available.

Vapor pressure: No data available.

Vapor density (air=1): No data available.

Relative density: Approximate 1,10 (20 °C)

Solubility(ies):

Solubility in Water: Practically Insoluble.

Solubility (other):

Acetone.: Very slightly soluble.

Alcohol: Dispersible

Diethylether.: Dispersible

Aliphatic hydrocarbons.: Dispersible

Aromatic hydrocarbons.: Dispersible

Chlorinated solvents.: Dispersible

Partition coefficient (n-octanol/water): No data available.

Autoignition Temperature: No data available.

Decomposition Temperature: No data available.

Viscosity: Approximate 4600 mm²/s (25 °C)

Explosive properties: No data available.

Oxidizing properties: According to the data on the components Not considered as oxidizing.
(evaluation by structure- activity relationship).

Section 10: Stability and reactivity

10.1 Reactivity: Not relevant.

10.2 Chemical Stability: Material is stable under normal conditions.

10.3 Possibility of Hazardous Reactions: No data available

10.4 Conditions to Avoid: No other information noted.

10.5 Incompatible Materials: Strong oxidizing agents. Strong oxidizers, strong acids, and strong bases.

10.6 Hazardous Decomposition Products:

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.
Amorphous silica.

Section 11: Toxicological information

Information on likely routes of exposure

Inhalation: No effects expected (assessment based on ingredients).

Ingestion: No effects expected (assessment based on ingredients).

Skin Contact: No effects expected (assessment based on ingredients).

Eye contact: No effects expected (assessment based on ingredients).

11.1 Information on toxicological effects:

Acute Toxicity – Oral:

Product: No effects expected (assessment based on ingredients).

Not classified for acute toxicity based on available data.

Acute Toxicity – Dermal:

Product: No effects expected (assessment based on ingredients).

Not classified for acute toxicity based on available data.

Acute Toxicity – Inhalation:

Product: No effects expected (assessment based on ingredients).

Repeated Dose Toxicity:

Product: No effects expected (assessment based on ingredients).

Skin Corrosion/Irritation:

Product: No effects expected (assessment based on ingredients).

Serious Eye Damage/Eye Irritation:

Product: No effects expected (assessment based on ingredients).

Respiratory or Skin Sensitization:

Product: No effects expected (assessment based on ingredients).

Germ Cell Mutagenicity – In Vitro:

Product: No effects expected (assessment based on ingredients).

Germ Cell Mutagenicity – In Vivo:

Product: No effects expected (assessment based on ingredients).

Carcinogenicity: No effects expected (assessment based on ingredients).

Product: No data available.

Reproductive Toxicity:

Product: No effects expected (assessment based on ingredients).

Reproductive Toxicity (Fertility):

Product: No data available.

Developmental Toxicity (Teratogenicity):

Product: No data available.

Specific Target Organ Toxicity – Single Exposure:

Product: No effects expected (assessment based on ingredients).

Specific Target Organ Toxicity – Repeated Exposure:

Product: No effects expected (assessment based on ingredients).

Aspiration Hazard:

Product: No effects expected (assessment based on ingredients).

Other Adverse Effects: None known.

Section 12: Ecological information

12.1 Toxicity:

Acute toxicity:

Fish:

Product: No effects expected (assessment based on ingredients).

Aquatic Invertebrates:

Product: No effects expected (assessment based on ingredients).

Chronic Toxicity:

Fish:

Product: No effects expected (assessment based on ingredients).

Aquatic Invertebrates:

Product: No effects expected (assessment based on ingredients).

Toxicity to Aquatic Plants:

Product: No effects expected (assessment based on ingredients).

12.2 Persistence and Degradability:

Bio-degradation:

Product: Not applicable

BOD/COD Ratio:

Product: No data available.

12.3 Bio-accumulative Potential:

Product: Not applicable.

12.4 Mobility in Soil: No data available.

12.5 Results of PBT and vPvB assessment: None Reported

12.6 Other Adverse Effects: None known.

Section 13: Disposal considerations

13.1 Waste treatment methods

General information: The user's attention is drawn to the possible existence of local regulations regarding disposal.

Disposal methods: Dispose of waste at an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal. Waste of this material should not be mixed with other waste. Provide measures such as vented bungs to ensure pressure relief in the waste container.

Contaminated packages should be as empty as possible and equipped with a degassing device. Dispose of waste at an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal. Recycle following cleaning or dispose of at an authorised site.

Section 14: Transport information

General: This material is not subject to transport regulations.

Other information: Packaging with a breathing/venting bung are FORBIDDEN for transport by air.

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

Section 15: Regulatory information

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

National Regulations:

15.2 Chemical safety assessment: No data available.

Section 16: Other information

Revision Information: Not relevant.

Key abbreviations or acronyms used:

Key literature references and sources for data: No data available.

Wording of the R-phrases and H-statements in section 2 and 3: None

Training information: No data available.

Inventory Status

Australia AICS: On or in compliance with the inventory

Canada DSL Inventory List: On or in compliance with the inventory

EINECS, ELINCS or NLP: On or in compliance with the inventory

Japan (ENCS) List: On or in compliance with the inventory

China Inv. Existing Chemical Substances: On or in compliance with the inventory

Korea Existing Chemicals Inv. (KECI): On or in compliance with the inventory

Philippines PICCS: On or in compliance with the inventory

US TSCA Inventory: On or in compliance with the inventory

New Zealand Inventory of Chemicals: On or in compliance with the inventory

Disclaimer: The information given is based on data available for the material, the components of the material, and similar materials. The information is believed to be correct. It is given in good faith.

This information should be used to make an independent determination of the methods to safeguard workers and the environment.