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Mouldlife

MOULDING • CASTING • PROTOTYPING • SFX

Safety Data Sheet

Transil 20/Transil 20 Purple Part B

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 B

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:

5.1 Extinguishing media

Suitable extinguishing media: Foam. Powder. Carbon dioxide (CO₂).

Unsuitable extinguishing media: Do not use water jet as an extinguisher, as this will spread the fire. Alkaline powders.

5.2 Special hazards arising from the substance or mixture:

This product may generate hydrogen gas. Vapours may form explosive mixtures with air. 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. Use standard firefighting procedures and consider the hazards of other involved materials.

Section 6: Accidental release measures

6.1 Personal Precautions, Protective Equipment and Emergency Procedures

Wear appropriate personal protective equipment. See Section 8 of the MSDS for Personal Protective Equipment. Keep away from Alkalis and caustic products. Eliminate all sources of ignition.

6.2 Environmental Precautions

Collect spillage. Prevent entry into waterways, sewer, basements or confined areas. Mechanically ventilate the spillage area, in order to avoid the formation of explosive concentrations.

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:

Use mechanical ventilation in case of handling which causes formation of vapors. Do not mix with Incompatible materials. For further information, refer to Section 10: "Stability and Reactivity". Read and follow manufacturer's recommendations.

7.2 Conditions for Safe Storage, Including any Incompatibilities:

Store in a cool, dry place with adequate ventilation. Keep away from incompatible materials, open flames, and high temperatures. Store in tightly closed original container. equipped with a degassing device. Suitable containers: polyethylene. Steel drums coated with epoxy-resin.

7.3 Specific end use(s): No data available.

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: Avoid inhalation of vapors and spray mists.

Individual protection measures, such as personal protective equipment:

General information: Provide sufficient ventilation during operations which cause vapor formation.

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: Translucent 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 (%)-: 74 %(V) Hydrogen.

Flammability Limit - Lower (%)-: 4 %(V) Hydrogen.

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): Diethylether.: Miscible (in all proportions).

Aliphatic hydrocarbons.: Miscible (in all proportions).

Aromatic hydrocarbons.: Miscible (in all proportions).

Chlorinated solvents.: Miscible (in all proportions).

Acetone.: Very slightly soluble.

Alcohol: Very slightly soluble.

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

Autoignition Temperature: No data available.

Decomposition Temperature: No data available.

Viscosity: Approximate 5 000 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: No other information noted.

10.2 Chemical Stability: Material is stable under normal conditions.

10.3 Possibility of Hazardous Reactions: This product may generate hydrogen gas.

10.4 Conditions to Avoid: No other information noted.

10.5 Incompatible Materials:

A fire or explosion hazard arises because highly flammable gas (hydrogen) is released when it is in contact with: Strong oxidizing agents. Alkalis and caustic products. Chemical compounds with mobile hydrogen, in the presence of metal salts and complexes.

10.6 Hazardous Decomposition Products:

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapors. Amorphous silica. Quantity of hydrogen potentially released (l/kg of product): < 5.5

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. Do not empty the product into drains and waters.

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.