Material Safety Data Sheet

SECTION 1.- PRODUCTS COMPANY INFORMATION

Manufacturer: Gelous London Limited

Emergency Telephone: 07931454704

ADDRESS: 1 mantles cottages, Holwood farm, Shirelane

Keston,BR2 6AA

Product Type: Gel Removal Paste

# SECTION 2-COMPOSITION/INGREDIENTS

|  |  |  |
| --- | --- | --- |
| COMPOSITION  | CAS  | PERCENTAGE %  |
| Bio-Cellulose  | 2322-17-65  | 60%  |
| Organic Weak Alkali  | 1336-21-6  | 30%  |
| Acrylate Monomer  | 61434-04-6  | 5%-10%  |
| Pigment  |   | +／—  |

# SECTION 3- HAZARDS IDENTIFICATION

HEALTH HAZARD DATA

EFFECTS OF A SINGLE OVEREXPOSURE

SWALLOWING

NO EVIDENCE OF HARMFUL EFFECTS FROM AVAILABLE INFORMATION.

SKIN ABSORPTION

NO EVIDENCE OF HARMFUL EFFECTS FROM AVAILABLE INFORMATION.

INHALATION

TRACE COMPONENT AND RESIDUAL MONOMER VAPOURS MAY BE

IRRITATING TO THE EYES, MUCOUS MEMBRANE, RESPIRATORY TRACT, AND MAY PRODUCE SYMPTOMS OF HEADACHE, NAUSEA IN POORLY VENTILATED AREAS.

SKIN CONTACT

PROLONGED CONTACT MAY CAUSE TRANSIENT REDDENING OF THE

SKIN. EYE CONTACT

DIRECT CONTACT MAY CAUSE EYE IRRITATION.

# SECTION 4- FIRST AID MEASURES

SWALLOWING

NO HARMFUL EFFECTS EXPECTED.

INHALATION

NO EMERGENCY CARE ANTICIPATED.

SKIN CONTACT

WASH SKIN WITH SOAP AND WATER UNTIL WATER IS NO LONGER CLOUDY. IF CLOTHING IS SOAKED, REMOVE AND WASH BEFORE REUSE.

EYE CONTACT

IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER. GET MEDICAL ATTENTION IF IRRITATION PERSISTS.

NOTES TO PHYSICIAN

TOXICOLOGY STUDIES HAVE SHOWN THIS OR SIMILAR MATERIAL TO BE OF VERY LOW ACUTE TOXICITY. THERE IS NO SPECIFIC ANTIDOTE.

TREATMENT OF OVEREXPOSURE SHOULD BE DIRECTED AT THE CONTROL OF SYMPTOMS AND THE CLINICAL CONDITION OF THE PATIENT.

# SECTION 5- FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

THIS PRODUCT IS A NON-FLAMMABLE AQUEOUS EMULSION. AFTER

WATER EVAPORATES, THE REMAINING MATERIAL WILL BURN. USE ALCOHOL-TYPE OR ALL-PURPOSE-TYPE FOAMS APPLIED BY

MANUFACTURER’S RECOMMENDED TECHNIQUES FOR LARGE FIRES. USE CARBON DIOXIDE OR DRY CHEMICAL MEDIA FOR SMALL FIRES. EXTINGUISHING MEDIA TO BE AVOIDED NONE.

SPECIAL FIRE FIGHTING PROCEDURES NONE.

SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS

USE SELF-CONTAINED BREATHING APPARATUS WHEN FIGHTING FIRES IN ENCLOSED AREAS.

UNUSUAL FIRE AND EXPLOSION HAZARDS

PRODUCT WILL NOT BURN BUT MAY SPATTER IF TEMPERATURE EXCEEDS BOILING POINT OF WATER. DRIED SOLIDS CAN BURN GIVING OFF OXIDES OF CARBON.

# SECTION 6- ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED

RESTRICT THE AREA TO ONLY THOSE PERSONNEL NEEDED. MAJOR

SPILLS SHOULD BE COLLECTED FOR DISPOSAL. MINOR SPILLS MAY BE FLUSHED TO SEWER IF PERMITTED BY NATIONAL, STATE AND LOCAL REGULATIONS.

# SECTION 7- HANDLING AND STORAGE

HANDLING

GENERAL HANDLING PRECAUTIONS

AVOID BREATHING VAPOURS IN TOP OF SHIPPING CONTAINER. USE WITH ADEQUATE VENTILATION.

AVOID CONTACT WITH SKIN AND CLOTHING. WASH THOROUGHLY AFTER HANDLING.

VENTILATION

GENERAL (MECHANICAL) ROOM VENTILATION IS EXPECTED TO BE SATISFACTORY. USE LOCAL EXHAUST IF NEEDED TO CONTROL MIST AND VAPOURS. OTHER PRECAUTIONS NONE KNOWN.

STORAGE

KEEP CONTAINER CLOSED WHEN NOT IN USE.

# SECTION 8- EXPOSURE CONTROLS/PERSONAL PROTECTION

PERSONAL PROTECTION

RESPIRATORY PROTECTION

NONE SHOULD BE REQUIRED. IF NECESSARY, USE OSHA/NIOSH- APPROVED RESPIRATORS IN POORLY VENTILATED AREAS.

HAND PROTECTION / PROTECTIVE GLOVES

USE GLOVES IMPERVIOUS TO WATER AND SOAP. EYE PROTECTION

SAFETY GLASSES

OTHER PROTECTIVE EQUIPMENT

EYE BATH AND SAFETY SHOWER.

# SECTION 9- PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE...FLUID

COLOUR...VIOLET

ODOUR...MILD

MOLECULAR WEIGHT...MIXTURE

BOILING POINT...59-108 O C

FLASH POINT... 296 C

RELATIVE DENSITY (Water=1): 1.24—1.27

RELATIVE VAPOUR DENSITY (Air=1): 5.94

SOLUTILITY: BUT WITH MOST OF THE ACYLIC MONOMERS IMMISCIBLE

# SECTION 10- STABILITY AND REACTIVITY

STABILITY: EXPOSED TO LIGHT, HIGH TEMPERATURE CONDITIONS CAN AFFECT

ITS STABILITY

CONDITIONS TO AVOID

HIGH FEVER, BRIGHT LIGHT, ULTRAVIOLET LIGHT INCOMPATIBLE MATERIALS NONE.

BREAKDOWN PRODUCTS

PART OF CARBON, SULFUR< NITROGEN OXIDES.

POLYMERIZATION: WILL HAPPEN UNDER THE UV IRRADIATION POLYMERIZATION, AND IS ACCOMPANED BY SOME HEAT IS GENERATED.

# SECTION 11- TOXICOLOGICAL INFORMATION

ACUTE TOXICOLOGICAL INFORMATION

INFORMATION ON ANALOGOUS PRODUCT SHOWS MINIMAL TOXICITY CONCERNS.

OTHER TOXICOLOGICAL INFORMATION

INFORMATION ON ANALOGOUS PRODUCT SHOWS MINIMAL TOXICITY CONCERNS.

ADDITIONAL INFORMATION

**SECTION 12- ECOLOGICAL INFORMATION** PERSISTENCE AND DEGRADABILITY POLYMER IS NOT BIODEGRADABLE.

ENVIRONMENTAL RISKS NOT TOXIC TO FISH OR PLANTS.

OTHER INFORMATION

DOES NOT INHIBIT BACTERIA IN WASTE TREATMENT FACILITIES.

# SECTION 13- DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD(S)

RECYCLE OR INCINERATE OR ABSORB WATER AND BURY IN A

SUITABLE LANDFILL WHERE

PERMITTED UNDER APPROPRIATE NATIONAL AND LOCAL REGULATIONS.

# SECTION 14- TRANSPORT INFORMATION

DOT: Non-Hazardous For Transport: This Substance Is Considered To Be Non-Hazardous For Transport.

RID/ADR: Non-Hazardous For Transport: This Substance Is Considered To Be Non-Hazardous For Transport.

Iata: Non-Hazardous For Air Transport Imo: Non-Hazardous For Sea Transport REGULATIONS.

# SECTION 15- REGULATORYINFORMATION

ALL OTHER NATIONAL AND LOCAL REGULATIONS, IF APPLICABLE TO

THE USE,

TRANSPORT OR DISPOSAL OF THIS PRODUCT, SHOULD BE OBSERVED.

# SECTION 16- OTHER INFORMATION

RECOMMENDED USES AND RESTRICTIONS

PLEASE CONSULT THE RELEVANT PRODUCT AND/OR APPLICATION INFORMATION FOR THIS PRODUCT.

REVISED SECTIONS IN THIS ISSUE : ALL SECTIONS IN THIS ISSUE HAVE BEEN REVISED.