|  |
| --- |
| ***1.Chemical Product Identification*** |
| ***Product Name : FCHL911***  ***Manufacturer :Zhongshan Zhongtai Pigment Co., Ltd.***  ***Address : 3rd floor, No.27, Tanbei west second road, Dongshengtown, Zhongshan .***  ***Tel : 0760-88618589/88633589***  ***Fax : 0760-88169969*** |
|  |
| ***2. Composition /information on ingredients*** |
| ***Key Ingredient CAS NO. EC NO. Target%***  ***Polyethylene terephthalate 25038-59-9 607-507-1 96.67***  ***Acrylates copolymer 25133-97-5 607-559-5 1.8***  ***Aluminum 7429-90-5 231-072-3 0.01***  ***FD&C Red 40 (CI.16035) 25956-17-6 247-368-0 0.52*** |
|  |
| ***3. Hazard identification*** |
| ***It does not have to be labeled according to the Preparation Guideline, respectively EU-directives 67/548/EEC or 1999/45/EC*** |
| ***No risks from this product regarding human health or environment are apparent. We therefore have no Knowledge of chronic or skin irritating effects when physical contacts has occurred*** |
|  |
| ***4.First aid measures*** |
| ***Effects and Symptoms:***  ***Effects of Overexposure : May cause mechanical irritation to eyes.***  ***Medical Conditions Aggravated by Exposure : Persons with respiratory conditions maybe at increased risk. Primary Route(s) of Entry : Inhalation, Ingestion and eyes.***  ***Emergency First Aid:***  ***Eye Contact : Flush eyes with water for at least 15 min. See physician if irritation persists.*** |

|  |
| --- |
| ***Skin Contact : Flush skin with soap and water for at least 15 min.***  ***Inhalation : Remove to fresh air. If breathing is difficult give oxygen. See physician.***  ***Ingestion : None needed for small amounts. For large amounts, if conscious, give water and call physician. Do not induce vomiting.*** |
|  |
| ***5. Fire-fighting measures*** |
| ***Flash Point (Closed Cup) : N/A***  ***Flammable Limits LEL/UEL % : N/A***  ***Extinguishing Media : Water, Dry Chemical, Foam, and CO2***  ***Special Fire Fighting Procedures : Self-contained breathing apparatus and protective clothing. Unusual Fire And Explosion Hazards : risk of dusk explosion(through Aluminium powder)*** |
|  |
| ***6.Accidental release measures*** |
| ***Personal Precautions : Eye contact and inhalation.***  ***Environmental Precautions : Prevent material from contaminating soil or entering sewerage and drainage systems. Spill response : Use appropriate NIOHS/MSHA approved respirator. Wear chemical gloves, goggles,***  ***and lab coat. Carefully contain spilled material. Deposit spilled material in appropriate waste container. Wash spill area with soap and water.*** |
|  |
| ***7.Handling and storage*** |

|  |
| --- |
| ***Handling : Avoid overheating through improper processing and dusting***  ***Local ventilation and airing guarantee, that all limits mentioned under point 8.1 are maintained Keep away from sources of ignition***  ***Storage : Store in tightly closed (original) containers. Store in dry place.*** |
|  |
| ***8. Exposure controls/personal protection*** |
| ***Personal protection:***  ***Eye Protection : Safety glasses with side shields or goggles Skin Protection : Rubber gloves, wash at meals and end of shifts***  ***Respiratory Protection : Use NIOSH/MSHA approved air-purifying respirator as needed to control exposure. Ventilation : Provide adequate general mechanical exhaust.*** |
|  |
| ***9. Physical and chemical properties*** |
| ***Boiling point (*℃*) : N/A Percent Volatile By Vol. (%): N/A***  ***Freezing Point (*℃*) : N/A Vapor Density (Air=1): N/A Melting point (*℃*) : 265~280* ℃ *Evaporation Rate (Buac=1):N/A Vapor Pressure (mm hg) : To be disregarded Solubility In Water: Insoluble***  ***Bulk Density (kg/ dm3) : 0.60~1.0 kg/dm3 Appearance & Odor: Holographic Dark Red Powder, Odorless***  ***Density (kg/dm3) : 1.4 kg/dm3*** |
|  |
| ***10.Stability and Reactivity*** |
| ***Stable : Yes***  ***Hazardous Polymerization : Will not occur***  ***Conditions To Avoid : Open flames and sparks, extreme heat, oxidizing materials Incompatibility : Oxidizing materials and strong caustic materials can cause a reaction. Hazardous Decomposition Products : Incomplete combustion can form CO,CO2,and dense smoke*** |
|  |
| ***11. Toxicological information*** |
| ***There is no toxicological data available***  ***According to our knowledge, the product does not cause any health defects, if proper handled and the product has been*** |

|  |
| --- |
| ***applied as intended***  ***The contact with the melted product can cause burn wounds. The inhalation of dust and decomposition gases Can cause health defects.*** |
|  |
| ***12. Ecological information*** |
| ***Ecological respectively ecotoxicological data is not available***  ***According to our knowledge, the product does not cause any damages to the environment, if proper handled and the product has been applied as intended*** |
|  |
| ***13.Disposal considerations*** |
| ***Method of Disposal: Dispose of in accordance with all applicable federal, state and local regulations. Material may be sent to an approved landfill or licensed treatment, storage and disposal facility.*** |
|  |
| ***14. Transport information*** |
| ***Non-hazardous materials in terms of ADR/GGVS, RID/GGVE, ICAO/IATA, IMDG*** |
|  |

|  |
| --- |
| ***15. Regulatory information*** |
| ***None in accordance to the EU Directive 67/548/EEC(substance directive),1999/45/EC(dangerous preparation directive) or in accordance to any other known EU regulations*** |
|  |
| ***16.Other information*** |
| ***Summary of the Risk-/Safety-Phrases(chapters 3.2) (rating of substance Aluminium) R-Phrases: R10 Flammable***  ***R15 Reacts with water under development of highly flammable gases***  ***S-Phrases: S(2) To be kept out of the reach of children S7/8 Keep the container dry and tightly sealed***  ***S43 To extinguish use dry power. Do not use water*** |
|  |
| ***DISCLAIMER OF LIABILITY***  ***The information in this MSDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability***  ***for loss, damage or expense arising out of or in anyway connected with the handling, storage, use or disposal of the product. This MSDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS information may not be applicable.***  ***------ END ------*** |