SAFETY DATA SHEET

1. Identification of the substance / preparation and the Company
1.1 Identification of the substance or preparation
Code: P0XX
Product name: P0XX

1.2 Use of the substance / preparation
Intended use: **Powder coating for industrial application for the use of professional users only**

1.3 Company identification
Name **I.DEK S.R.L.**
Full address **VIA CANAZZA 46**
District and Country **20025 LEGNANO (MI) - ITALY**
Tel. +39 0331 542374
Fax +39 0331 807751
e-mail address of the competent person responsible for the Safety Data Sheet info@idek.it

1.4 Emergency telephone
For urgent inquiries refer to +39 0331 542374

2. Hazards Identification
The product is not classified as hazardous pursuant to the provisions set forth in EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements). However, since the product contains hazardous substances in concentrations such as to be declared in section no. 3, it requires a safety data sheet with appropriate information, compliant to EC Regulation 1907/2006 (REACH) and subsequent amendments.

Hazard classification and indication: -

Hazard statements: -

Precautionary statements:
P261 Avoid breathing dust

On the basis of available data, the product doesn't contain any PBT (Persistent Bioaccumulative and Toxic as for REACH Regulation) or vPvB (Very Persistent and very Bioaccumulative as for REACH Regulation) in percentage greater than 0,1%.

SAFETY DATA SHEET

3. Composition / Information on ingredients
3.1 Substances
Information not relevant

3.2 Mixtures
Contains:

Identification.	**Conc. %.**	**Classification 1272/2008 (CLP)**
BARIUM SULFATE		
CAS. 7727-43-7	8 ≤ x < 9	Substance with a community workplace exposure limit
EC. 231-784-4		
INDEX.		
Reg. no. 01-2119491274-35		

The full wording of hazard (H) phrases is given in section 16 of the sheet

4. First aid measures
4.1 Description of first aid measures
Not specifically necessary. Observance of good industrial hygiene is recommended.

4.2 Most important symptoms and effects, both acute and delayed
No episodes of damage to health ascribable to the product have been reported.

4.3 Indication of any immediate medical attention and special treatment needed
Information not available.

5. Fire-fighting measures
5.1 Extinguishing media
SUITABLE EXTINGUISHING EQUIPMENT
The extinguishing equipment should be of the conventional kind: carbon dioxide, foam, powder and water spray.
UNSUITABLE EXTINGUISHING EQUIPMENT
None in particular.

5.2 Special hazards arising from the substance or mixture
HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE
Do not breathe combustion products (carbon oxide, toxic pyrolysis products, etc).

SAFETY DATA SHEET

5.3 Advice for firefighters
GENERAL INFORMATION
Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of
contaminated water used for extinction and the remains of the fire according to applicable regulations.
SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS
Hardhat with visor, fireproof clothing (fireproof jacket and trousers with straps around arms, legs and waist), work gloves (fireproof, cut proof and dielectric), a depressurised mask with facemask covering the whole of the operator's face or a self-respirator (self-protector) in the event of large quantities of foam.

6. Accidental release measures
PERSONAL PRECAUTIONS
Use breathing equipment if fumes or powder are released into the air. These indications apply for both processing staff and those involved in emergency procedures.
ENVIRONMENTAL PRECAUTIONS
The product must not penetrate the sewer system, surface water, ground water and neighbouring areas.
METHODS FOR CLEANING UP
Confine using earth or inert material. Collect as much material as possible and eliminate the rest using jets of water
Contaminated material should be disposed of in compliance with the provisions set forth in point 13.

7. Handling and storage
Store in a well ventilated place, keeping the containers closed when not used. Do not smoke while handling. Keep far away from sources of heat, bright flames and sparks and other sources of ignition.

8. Exposure control / personal protection
8.1 Control parameters
During the risk assessment process, it's essential to take into consideration the ACGIH occupational exposure levels for inert particulate otherwise classified (PNOC respirable fraction: 3 mg/m3; PNOC inhalable fraction 10 mg/m3). For values above these limits, use a P type filter, whose class (1,2 or 3) must be chosen according to the outcome of risk assessment.

8.2 Exposure controls

SAFETY DATA SHEET

Comply with the safety measures usually applied when handling chemical substances.
HAND PROTECTION
None required
EYE PROTECTION
None required
SKIN PROTECTION
None required
RESPIRATORY PROTECTION
Use a type P filtering facemask, whose class (1,2 or 3) and effective need, must be defined according to the outcome of risk assessment. (see standard EN 149). The emissions generated by manufacturing processes, including those generated by ventilation equipment, should be checked to ensure compliance with environmental standards.

9. Physical and chemical properties

Odour	ODOURLESS
Phisic state	POWDER
Solubility	NOT SOLUBLE
Viscosity	Not available.
Vapour density	Not available.
Evaporation speed	Not available.
Comburent properties	Not available.
Partition coefficient: n-octanol/water	Not available.
pH.	Not available.
Melting point/freezing point	Not available
Initial boiling point	Not applicable.
Flash point	Not applicable.
Inflammability limits	Not available.
Explosive properties	Not available.
Vapour pressure	Not available.
Vapour density	Not available.
Specific gravity	1,35 Kg/l
Auto-ignition temperature	450-600°C
Decomposition temperature	Not available.
Lower limit exp.air	40-70 g/m3
Dry leftover	100%

10. Stability and reactivity
The product is stable even if the powders are potentially explosive when mixed with air. The usual precautions used for chemical products should be respected.

SAFETY DATA SHEET

11. Toxicological information
In the absence of experimental data for the product itself, health hazards are evaluated according to the properties of the substances it contains, using the criteria specified in the applicable regulation for classification.
It is therefore necessary to take into account the concentration of the individual hazardous substances indicated in section 3, to evaluate the toxicological effects of exposure to the product.

11.1 Information on toxicological effects
BARIUM SULFATE
LD50 (Oral) > 3000 mg/Kg mouse

12. Ecological information
Use this product according to good working practices. Avoid littering. Inform the competent authorities, should the product reach waterways or sewers or contaminate soil or vegetation.

13. Disposal consideration
Reuse, when possible. Neat product residues should be considered special non-hazardous waste.
Disposal must be performed through an authorized waste management firm, in compliance with national and local regulations.
Avoid littering. Don't contaminate soil, sewers and waterways.
Solid residues may be suitable for disposal in an authorized landfill site.
CONTAMINATED PACKAGING
Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.

14. Transport information
This substance is not dangerous under current provisions of the Code of International Carriage of Dangerous Goods by Road (ADR) and by Rail (RID), of the International Maritime Dangerous Goods Code (IMDG), and of the International Air Transport Association (IATA) regulations.

15. Regulatory information
Warning symbols: None.
Hazard sentences (R): None.
No chemical safety assessment has been processed for the mixture and the substances it contains.

16. Other information
GENERAL BIBLIOGRAPHY
1. Regulation (EU) 1907/2006 of the European Parliament;

SAFETY DATA SHEET

2. Regulation (EU) 1272/2008 of the European Parliament;
3. Regulation (EU) 790/2009 of the European Parliament;
4. Regulation (EU) 2015/830 of the European Parliament;
5. Regulation (EU) 286/2011 of the European Parliament;
6. Regulation (EU) 618/2012 of the European Parliament;
7. Regulation (EU) 487/2013 of the European Parliament;
8. Regulation (EU) 944/2013 of the European Parliament;
9. Regulation (EU) 605/2014 of the European Parliament;
10. Regulation (EU) 2015/1221 of the European Parliament;
11. Regulation (EU) 2016/918 of the European Parliament;

The Merck Index. - 10th Edition;
Handling Chemical Safety;
INRS - Fiche Toxicologique (toxicological sheet);
Patty - Industrial Hygiene and Toxicology;
N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition;
IFA GESTIS website
ECHA website
Database of SDS models for chemicals - Ministry of Health and ISS (Istituto Superiore di Sanità) - Italy

Notes:
Users must verify the suitability and thoroughness of provided information according to each specific use of the product .
This document must not be regarded as a guarantee on any specific product property.
The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations.
The producer is relieved from any liability arising from improper uses.