



SAFETY DATA SHEET

METALLIC PIGMENT

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME:	METALLIC PIGMENT	CHEMICAL SPILL
PRODUCT CODES:		EMERGENCY PHONE: 800-255-3924
MANUFACTURER:	ANGEL EPOXY FLOORING	CHEMTEL PHONE:
DIVISION:	FLOOR COATING	OTHER CALLS:
ADDRESS:	2424 W 14TH STREET TEMPE AZ 85281	FAX PHONE:
PRODUCT USE:	FLOOR COATING	CHEMICAL NAME:
PREPARED BY:	ANGEL EPOXY FLOORING	CHEMICAL FAMILY:
		CHEMICAL FORMULA:

SECTION 2: HAZARDS IDENTIFICATION

CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

According to Regulation (EC) No. 1272/2008(CLP) :	not classified
According to Directive 67/548/EEC & Directive 1999/45/EC :	not classified
Additional information :	not available

LABEL ELEMENTS

GHS label elements :	not applicable
Hazard pictogram(s) :	not applicable
Signal word(s) :	not applicable
Hazard statement(s) :	not applicable
Precautionary statement(s) :	not applicable
Other hazards :	not known

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name		EINECS No.	Colour Index	Chemical composition	Hazard classification According to directive 67/548/EEC & Directive 1999/45/EC, Regulation (EC) No. 1272/2008(CLP)
MICA	12001-26-2	310-127-6	77019	12001-26-2	Not classified
IRON OXIDE	13463-67-7	236-675-5	77891	13463-67-7	Not classified
TITANIUM DIOXIDE	1309-37-1	215-168-2	77491	1309-37-1	Not classified
ULTRAMARINE BLUE	57455-37-5	309-928-3	77707	57455-37-5	Not classified

SECTION 4: FIRST AID MEASURES

DESCRIPTION OF FIRST AID MEASURES

EYES:	if contact with eyes directly, flush with gently flowing fresh water thoroughly; If eye irritation persists, get medical advice/attention
SKIN:	wash affected skin with plenty of water.
INGESTION:	if ingested, wash out mouth with water, drink milk or egg white.
INHALATION:	Remove to fresh air, if effect occurs. Consult medical personnel.
NOTES TO PHYSICIANS:	no special measures are required.

DESCRIPTION OF FIRST AID MEASURES

BOTH ACUTE AND DELAYED ACUTE	None
LONG TERM (REPEATED)	may cause irritation to the respiratory system. Cough. Increased difficulty in breathing

INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

RECOMMENDED	a. Chest XRay b. Lung functionality tests
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SAFETY DATA SHEET

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SECTION 5: FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

SUITABLE EXTINGUISHING MEDIA extinguish with waterspray, foam or dry chemical

UNSUITABLE EXTINGUISHING MEDIA carbon dioxide

SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE

THERMAL HAZARDS noncombustible. None anticipated

ADVICE FOR FIREFIGHTERS fire fighters should wear complete protective clothing including selfcontained breathing apparatus

SECTION 6: ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

PERSONAL PRECAUTIONS : do not breathe dust

PERSONAL PROTECTION EQUIPMENT : wear appropriate personal protective equipment, avoid direct contact

IN CASE OF EMERGENCY: a self contained breathing apparatus and suitable protective clothing should be worn in fire conditions

ENVIRONMENTAL PRECAUTIONS : do not allow to enter drains, sewers or watercourses

METHODS AND MATERIAL FOR collect mechanically and dispose of according to Section 13. Use vacuum equipment

CONTAINMENT AND CLEANING UP: for collecting spilt materials, where practicable

REFERENCE TO OTHER SECTIONS see sections 8 and 13

SECTION 7: HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING : avoid breathing dust

CONDITIONS FOR SAFE STORAGE

INCLUDING ANY INCOMPATIBILITIES : keep container in a wellventilated place

SPECIFIC END USE(S) : not known

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

CONTROL PARAMETERS provide adequate ventilation when using the material and follow the principles of good occupational hygiene to control personal exposures

EXPOSURE LIMIT VALUES not known

EXPOSURE CONTROLS

APPROPRIATE ENGINEERING CONTROLS provide adequate ventilation to ensure that the occupational exposure limit is not exceeded. Isolate the dispersive process step away from other operations. This can be achieved by local exhaust ventilation or general ventilation

EXPOSURE CONTROLS

HAND/EYE/FACE PROTECTION wear gloves, eye protection and an approved dust mask if dust is generated during handling. Goggles giving complete protection to eyes. Dust mask covering nose and mouth

SKIN PROTECTION apron or other light protective clothing, boots and plastic or synthetic rubber gloves

RESPIRATORY PROTECTION dust mask covering nose and mouth

THERMAL HAZARDS none

ENVIRONMENTAL EXPOSURE avoid dust generation. Avoid accumulation of dust

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

FORM	powder	DENSITY	3.2-3.3 kg/L
ODOUR	odourless	BULK DENSITY	31-35 g/100g
PH	6.0-9.0 (4% H ₂ O)	VAPOUR PRESSURE	not applicable
BOILING POINT, °C	not applicable	SOLUBILITY (IN WATER)	insoluble
MELTING POINT, °C	decomposes	PARTICLE SIZE	Particle size : 10-60µm
FREEZING POINT, °C	not applicable		



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METALLIC PIGMENT

SECTION 10: STABILITY AND REACTIVITY

REACTIVITY	there may be violent or incandescent reaction of the product with metals at high temperatures (e.g., aluminium; calcium; magnesium; potassium; sodium; zinc; lithium)
CHEMICAL STABILITY	stable under normal conditions
POSSIBILITY OF HAZARDOUS REACTIONS	none
CONDITIONS TO AVOID	high temperature
INCOMPATIBLE MATERIALS	strongly acidic, strongly alkaline, oxidizing agents
DECOMPOSITION PRODUCTS	no information available

SECTION 11: TOXICOLOGICAL INFORMATION

INFORMATION ON TOXICOLOGICAL EFFECTS

This inorganic pigment in general is considered to be practically nontoxic.

ACUTE TOXICITY	not available
CARCINOGENICITY	not available

SECTION 12: ECOLOGICAL INFORMATION

TOXICITY :	no data
PERSISTENCE AND DEGRADABILITY	insoluble in water. This product is predicted not to degrade in soil and water
BIOACCUMULATIVE POTENTIAL	no data
MOBILITY IN SOIL	not applicable
RESULTS OF PBT AND VPVB ASSESSMENT	not applicable
OTHER ADVERSE EFFECTS	not known

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE TREATMENT METHODS	dispose of contents in accordance with local, state or national legislation
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SECTION 14: TRANSPORT INFORMATION

NOT CLASSED AS DANGEROUS FOR TRANSPORT.

	DOT	IMO/IMDG	IATA (Cargo)
PROPER SHIPPING NAME:	NOT REGULATED	NOT REGULATED	NOT REGULATED
PACKAGING GROUP:	N/A	N/A	N/A
HAZARD PLACARD:	N/A	N/A	N/A
UN NUMBER:	N/A	N/A	N/A

SECTION 15: REGULATORY INFORMATION

ACCORDING TO DIRECTIVE 67/548/EEC & DIRECTIVE 1999/45/EC :	not classified as dangerous for supply/use
SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATIONS SPECIFIC FOR THE SUBSTANCE OR MIXTURE	not available



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EPOXY FLOORING

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SECTION 16: OTHER INFORMATION

Annex to the extended Safety Data Sheet (eSDS)

ADR	European Agreement concerning international carriage of Dangerous goods by Road
CAS	Chemical Abstracts Service
EC	European Community
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods
IATA	International Air Transport Association

DATA SOURCES

NPIRI Raw Material Handbook, Volume 4, Pigments, Second Edition, 2001

Book on "Safe Handling of Pigments", European Edition 1995, BCMA, EPSOM ETAD, VdMi

HSDB

NIOSH ICSC

Hazardous Substance Fact Sheet, New Jersey Department of Health and Senior Service

We have described our product concerning possible safety requirements by the abovementioned information given to the best of our knowledge and experience. All data given are never meant to guarantee any quality description nor product properties