Material Safety Data Sheet

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product Identifier

Product / Trade name	TEXXJET CF 250 C (Cyan), TEXXJET CF 250 M (Magenta), TEXXJET CF 250 Y (Yellow), TEXXJET CF 250 K (Black), TEXXJET CF 250 O (Orange), TEXXJET CF 250 R (Red), TEXXJET CF 250 B (Blue), TEXXJET CF 250 LK (Light Black), TEXXJET CF 250 LC (Light Cyan), TEXXJET CF 250 LM (Light Magenta), TEXXJET CF 250 Cleaner
Synonyms:	None
Proper shipping name:	None
Other means of identification:	None
Recommended use of the chemical and restrictions on use	A pigment for the Dye industry Industrial

1.2 Manufacturer or Supplier information

Supplier Name	ColorJet India Limited
Address	B-195, Phase II, Noida U.P.- 201305
Telephone	+91 120-4897992
Email	info@colorjetgroup.com

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

2.1.1 Classification according to Regulation (EC) No. 1272/2008 [CLP]

Skin Sens. 1, H317

2.1.2 Classification according to Directive 67/548/EEC

R43 May cause sensitization by skin contact

2.1.3 Additional information

No other information

2.2 Labels and other forms of warning according to GHS

Pictogram

Signal word	Warning
Hazard Substance	Dye
Hazard statements	May cause an allergic skin reaction May be harmful if swallowed
Precautionary statements	
Prevention	**P261** Avoid breathing mist/vapours/spray Contaminated work clothing should not be allowed out of the workplace **P280** Wear protective gloves/ protective clothing/ protective eye and face protection Wash hands/ area of contact thoroughly after handling. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Avoid release to the environment.
Response	**P302+P352** IF ON SKIN: Wash with plenty of soap and water. **P333+P313** If skin irritation or rash occurs: Get medical advice /attention. **P363** Wash contaminated clothing before reuse. Immediately call a Poison Center or doctor/ physician if you feel unwell. Collect spillage
Storage	Store locked up
Disposal	**P501** Dispose of contents/container in accordance with local/regional/national/international regulation.

2.3 Other hazards

The substance does not meet the criteria for PBT or vPvB substance

SECTION 3: Composition/information on ingredients

3.1 Information About Mixtures

Chemical Name	CAS No.	ELINCS No.	Weight % content	Classification according to 67/548/EEC	Classification according to Regulation (EC) No 1272/2008
Dye	Proprietary	Proprietary	<20%	R43	Skin sens., H317

SECTION 4: First Aid Measures

Inhalation: Remove the victim from exposure into fresh air if adverse effects (e.g. dizziness, drowsiness or respiratory irritation) occur. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical advice if cough or other symptoms appear.

Skin contact: Wash affected skin area with plenty of water and soap for at least 15 minutes while removing contaminated clothing and shoes. Seek medical advice if irritation develops and persists.

Eye contact: Immediately wash eyes with plenty of running water for at least 15 minimums. Remove contact lenses after the initial 1-2 minutes and continue flushing for several additional minutes. Occasionally lift the upper and lower eyelids. Seek medical advice if irritation develops and persists.

Ingestion: Seek medical advice if the victim feels unwell. Wash out mouth with plenty of water and give 2-4 cups of water or milk to drink. Never give anything by mouth to an unconscious person. Do not induce vomiting.

SECTION 5: Firefighting measures

Suitable Extinguishing media

Water fog or fine spray, dry chemical fire, carbon dioxide extinguishers and foam; alcohol resistant foam (ACT type) are preferred; general purpose synthetic foams (including AFFF) or protein foams may function, but will be less effective.

Unsuitable extinguishing media

Direct water stream.

Exposure hazards (combustion products)

During a fire, smoke may contain the original material in addition to combustion products of varying composition which may be toxic and/ or irritating. Combustion products may include and are not limited to: Carbon monoxide, carbon dioxide and nitrogen oxide.

Unusual Fire and Explosion Hazards

Container may rupture from gas generation in a fire situation. Violent steam generation or eruption may occur upon application of direct water stream to hot liquids. Vapours are heavier than air and may travel a long distance and accumulate in low lying areas. Ignition and/or flash back may occur. Flammable mixtures may exist within the vapor space of containers at room temperature. Flammable concentrations of vapor can accumulate at temperatures above flash point.

Special protective equipment for firefighters

Wear positive-pressure self-contained breathing apparatus (SCBA) and protective firefighting clothing (includes firefighting helmet, coat, trousers, boots, and gloves). If protective equipment is not available or not used, fight fire from a protected location or safe distance.

Special methods/instructions

Keep people away. Isolate fire and deny unnecessary entry. Stay up wind. Keep out of low areas here gases (fumes) can accumulate. Water may not be effective in extinguishing fire. Use water spray to cool fire exposed containers and fire affected zone until fire is out and danger of reignition has passed. Fight fire from protected location or safe distance. Consider the use of unmanned hose holders or monitor nozzles. Immediately withdraw all personnel from the area in case of rising sound from venting safety device or discoloration of the container. Burning liquids may be extinguished by dilution with water. Do not use direct water stream. May spread fire. Eliminate ignition sources. Move container from fire area if this is possible without hazard. Burning liquids may be moved by flushing with water to protect personnel and minimize property damage.

SECTION 6: Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Wear appropriate personal protective equipment (see section 8) during cleaning. Avoid contact with eyes and skin. Avoid inhalation. No smoking in the area. Eliminate all sources of ignition in vicinity of spill or released vapour to avoid fire or explosion. Check area with combustible gas detector before re-entering area.

Environmental precautions

Prevent the material from entering surface water or sanitary sewer system. Do not discharge directly to a water source. If accidental spillage or washings enter drains or watercourses contact local Environment Agency.

Methods for cleaning up

Pick up with absorbent material. Sweep up absorbed substance, place in suitable and properly labelled waste containers for later disposal. Residual trace can be wiped away. Prevent entry into sewers and waterways. For large spills: Contain spilled material if possible. Ground and bond all containers and handling equipment. Pump with explosion-proof equipment. If available, use foam to smother or suppress.

Reference to other sections

Refer additionally to Section 8 and 13

SECTION 7: Handling and storage

7.1 Handling

Personal Precautions for safe handling

Wear personal protective equipment (see section 8). Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Avoid breathing vapour. No smoking, open flames or sources of ignition in handling and storage area.

Technical measures/Precautions:

Provide good ventilation (local exhaust) of the working area, safety showers and eye wash station near the workplace. Avoid release to the environment. Ground/Bond container and receiving equipment. Use explosion-proof electrical equipment. Use only non-sparking tools. Keep product away from heat, sparks, flame and other sources of ignition. Avoid exposure the sunlight, UV light or fluorescent light.

7.2 Storage

Technical measures/ Storage Conditions

Flammable mixtures may exist within the vapour space of containers at room temperature. Keep in the original container. Keep container tightly closed in a cool, dry, well-ventilated place. Keep product away from heat, sparks, flame and other sources of ignition and out of direct sunlight and away from incompatible materials.

Incompatible products

Strong oxidizing agents, bases and aqueous acids.

SECTION 8: Exposure Controls/Personal Protection

8.1 Occupational exposure limits

8.1.1 Control parameters

8 hours' time weighted average exposure limits (TWA): Data not yet available.

8.2 Exposure Controls

8.2.1 Technical measures:

Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapour or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment.

8.2.2 Organisational measures:

Only personnel who have received appropriate training and are authorized are allowed to handle the substance. Organize regular exposure monitoring to check that exposure levels of operators stay beyond the Exposure Limit. Sampling and analysis should be carried out according to accepted methods.

8.3 Personal protective equipment

Respiratory protection:

Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator. For emergency conditions, use an approved positive-pressure self-contained breathing apparatus. Use the following CE approved air-purifying respirator: Organic vapor cartridge, type A (boiling point >65 ºC) Recommended: NIOSH-approved respirator with minimum APF 10.

Hand protection

Chemical-resistant, impervious gloves complying with an approved standard EN374 should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. When prolonged or frequently repeated contact may occur, a glove with a protection class of 5 or higher (breakthrough time greater than 240 minutes according to EN 374) is recommended. When only brief contact is expected, a glove with a protection class of 1 or higher (breakthrough time greater than 10 minutes according to EN 374) is recommended. After contamination with product change the gloves immediately and dispose them off according to relevant national and local regulations.

Recommended: Butyl rubber, e thyl vinyl alcohol laminate ("EVAL"), natural rubber ("latex"), neoprene, nitrile/butadiene rubber ("nitrile" or "NBR"), polyvinyl chloride ("PVC" or "vinyl") and viton.

Eye protection

Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts.

Recommended: Safety goggles should be consistence with EN 166 or equivalent.

Skin and body protection

Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Recommended: Wear chemical-resistant protective clothing.

8.4 Hygiene measures

Keep away from foodstuffs, drinks and tobacco. Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing.

Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

8.5 Environmental exposure controls:

Procedural and/or control technologies are used to minimize emissions and the resulting exposure during cleaning and maintenance procedures. Transfer waste gases to a combustion unit or to a powder separator. Do not apply industrial sludge to natural soils. Sealing of all relevant soil surfaces in the facility.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Physical state	Liquid
Odour	Odourless
Odour threshold	No data available
pH	7.0-8.0
Melting point / Freezing point:	No data available
Boiling point	No data available
Flash point	No data available
Evaporation rate	No data available
Flammability (solid, gas)	No data available
Upper/lower flammability	No data available
Explosive limits	No data available
Vapour pressure:	No data available
Vapour density	No data available
Relative density:	No data available
Solubility(ies):	No data available
Partition coefficient: n-octanol/water	No data available
Auto-ignition temperature	Not applicable
Viscosity	8.0-10.0 cps@25℃
Decomposition temperature	No data available
Explosive properties	No data available
Oxidizing properties	No data available

SECTION 10: Stability and Reactivity

Chemical stability

Product is considered stable during storage and transportation under normal condition.

Conditions to be avoid

Static discharges. Keep product away from heat, sparks, flame and other sources of ignition. Avoid direct sunlight and UV light.

Material to be Avoid

Strong oxidizing agents, bases and strong acids.

Hazardous polymerization

Will not occur.

Hazardous decomposition products

Thermal decomposition and burning may produce carbon monoxide, nitrogen oxides and other toxic gases and vapours.

SECTION 11: Toxicological information

Routes of exposure	Skin, inhalation, ingestion, eye
ACUTE TOXICITY	
Acute oral toxicity, LD50	No data available
Acute dermal toxicity, LD50	No data available
Acute inhalation toxicity, LC50	No data available
LOCAL EFFECTS	
Skin irritation	No data available
Eye irritation	No data available
Skin sensitization	No data available
OTHER	
Repeated dose toxicity	No data available
Mutagenicity	No data available
Reproductive toxicity	No data available
Carcinogenicity	No data available

SECTION 12: Ecological information

ACUTE TOXICITY-Short-term toxicity	
LC50-Fish-96h	No data available
EC50-Algae-72h	No data available
IC50-Bacteria-3h	No data available
EC50-Invertebrate-24h	No data available
OTHER	
Biodegradation	No data available
Bioaccumulation	No data available
Inhibition of microbial activity	No data available
Adsorption coefficient	No data available
Results of PBT and vPvB assessment	No data available

SECTION 13: Disposal considerations

Waste from Residues

Any disposal practices must be in compliance with all national and provincial laws and any municipal or local by-laws governing hazardous waste. For used, contaminated and residual materials additional evaluations may be required. Do not dump into any sewers, on the ground, or into any body of water.

Container

Containers should be cleaned by appropriate method and then re-used or disposed by landfill or incineration as appropriate, in accordance with local and national regulations. Do not remove label until container is thoroughly cleaned.

SECTION 14: Transport information

United nations number (UN No.	Not classified as hazard transport goods
Transport hazardous class	Not classified as hazard transport goods
UN Proper shipping name	Not classified as hazard transport goods
Marine pollutant (YES/NO)	Not classified as hazard transport goods
ADR/RID	Not classified as hazard transport goods
IMDG/IMO	Not classified as hazard transport goods
IATA/ICAO	Not classified as hazard transport goods
Specific transport measures and precautionary conditions	Not classified as hazard transport goods

SECTION 15: Regulatory information

HMIS Classification

Health Hazard: 1 Flammability:0 Physical Hazards: 1 Personal Protection: B

NFPA Classification

Health Hazard: 1 Flammability: 0 Instability:1

SECTION 16: Other information

Shelf life	6 months after shipping date in sealed containers protected from light and air.	
Reference documents	European Chemical Substance Information System (ESIS) United States Environmental Protection Agency (US EPA) GUIDE TO THE CLASSIFICATION AND LABELLING OF UV/EB ACRYLATES	
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