

6369 Peachtree Street, Norcross, GA 30071
Phone: 770 277 8819 Fax: 770 277 8809
www.deltacolours.com

THIS SHEET SUPERSEDES THE ONE DATED: 12/05/03

1 - PRODUCT IDENTIFICATION

PRODUCT NAME:

CPR14702, CPR14703, CPR14704, CPR 14705, CPR14706, CPR14707, CPR14708, CPR1570, CPR1904, CPR2360, CPR2000, CPR2700, CPR2800, CPR30, CPR3500, CPR3642, CPR3680, CPR3682, CPR3683, CPR3684, CPR3685, CPR4530, CPR4540, CPR4550, CPR4560, CPR4570, CPR4580, CPR5000, CPR5090, CPR5500, CPR6000, CPR6800, CPR6900, CPR32100, CPR35134, CPR35136, CPR35137, CPR35139, CPR690, CLR106, CLR1146, CLR107, CLR145, CLR165, CLR182, CLR6777, CLR90

CHEMICAL NAME: CADMIUM SULPHOSELENIDE RED PIGMENT 108
SYNONYMS: PIGMENT RED 108
CAS NUMBER: 58339-34-7
EINECS NUMBER: 261-218-1

2 - COMPOSITION / INFORMATION ON INGREDIENTS

COMPONENTS OR IMPURITIES CONTRIBUTING TO HAZARDS:

Component	CAS No.	%
CADMIUM SULPHOSELENIDE	58339-34-7	40-100
BARIUM SULFATE	7727-43-7	0-60

3 - HAZARDS IDENTIFICATION

HUMAN HEALTH EFFECTS

OVEREXPOSURE TO DUST FROM THIS PRODUCT MAY CAUSE RESPIRATORY TRACT IRRITATION. THIS MATERIAL MAY BE A SLIGHT HEALTH HAZARD IF INGESTED IN LARGE QUANTITIES. THE MIXTURE OF DUST AND AIR IS SUBJECT TO EXPLOSION.

4 - FIRST AID MEASURES

INHALATION

TAKE PERSON OUT OF THE CONTAMINATED AREA. REMOVE PATIENT TO FRESH AIR.
CALL A DOCTOR IN CASE OF DOUBT OR IF SYMPTOMS PERSIST.

SKIN CONTACT

WASH WITH SOAP AND WATER AND RINSE WITH WATER.

EYE CONTACT

WASH IMMEDIATELY (15MIN) WITH WATER, OPENING EYELIDS.
IF IRRITATION CONTINUES, SEE AN OPHTHAMOLOGIST.

INGESTION

IF SWALLOWED, SEEK IMMEDIATE MEDICAL ADVICE AND SHOW CONTAINER OR LABEL TO THE DOCTOR.

5 - FIRE FIGHTING MEASURES

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EXTINGUISHING MEDIA SUITABLE
PULVERIZED WATER, FOAM, CARBON DIOXIDE

SPECIFIC HAZARDS
IN CASE OF FIRE AND/OR EXPLOSION DO NOT BREATHE FUMES.
THE PIGMENT MAY GIVE OFF TOXIC FUMES UP TO 500 C

PROTECTION OF FIRE-FIGHTERS
WEAR INDIVIDUAL BREATHING APPARATUS.

6 - ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS
WEAR PROTECTIVE EQUIPMENT. REFER TO PROTECTIVE MEASURES LISTED IN SECTION 7 AND 8.

ENVIROMENTAL PRECAUTIONS
DISCHARGE IN SEWER PROHIBITED. TREAT WASHING WATER BEFORE DISCHARGE.

METHODS OF CLEANING UP RECOVERY
RECOVER PRODUCT BY VACUUMING. TO CLEAN THE FLOOR AND ALL OBJECTS CONTAMINATED BY THIS MATERIAL, USE SOAP AND WATER.

DISPOSAL
USE AUTHORIZED DISCHARGE OR BURN IN APPROVED INSTALLATION.

INCOMPATIBLE MATERIALS
NONE TO OUR KNOWLEDGE

7 - HANDLING AND STORAGE

HANDLING
HANDLE WITHOUT CAUSING DUST. TAKE PRECAUTIONARY MEASURES AGAINST ELECTROSTATIC DISCHARGES.

PREVENTION OF WORKER EXPOSURE
COLLECT DUST AT SOURCE. EQUIPMENT EARTHING.

SAFE HANDLING ADVICES
WHEN USING, WORKPLACE VENTILATION IS REQUIRED – NO SMOKING

STARAGE AND STORAGE CONDITION
PRODUCT IS STABLE UNDER NORMAL STORAGE CONDITIONS. KEEP CONTAINER DRY.

TO AVOID
TAKE AWAY FROM STRONG ACIDS OR OXIDIZER STORAGEES.

PACKAGING MATERIALS RECOMMENDED
PLASTIC BAGS.

NOT SUITABLE
NONE TO OUR KNOWLEDGE

8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

OCCUPATIONAL EXPOSURE LIMITS (TLV-TWA, TLV-STEL)

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PRODUCT NAME

CADMIUM PIGMENTS (RESPIRABLE DUST)

8 HOURS (TLV-TWA) PPM	MG/M3 0.015	SHORT PERIOD (TLV-STEL) PPM	MG/M3 0.06	ACCORDING TO TRGS 900 (GER) AS CD
8 HOURS (TLV-TWA) PPM	MG/M3 0.002	SHORT PERIOD (TLV-STEL) PPM	MG/M3	ACCORDING TO GIH2002 (USA) AS CD
8 HOURS (TLV-TWA) PPM	MG/M3 0.05	SHORT PERIOD (TLV-STEL) PPM	MG/M3	ACCORDING TO INRS1999 (FR.) EN CD

PRODUCT NAME

BARIUM SULFATE (RESPIRABLE DUST)

8 HOURS (TLV-TWA) PPM	MG/M3 0.5	SHORT PERIOD (TLV-STEL) PPM	MG/M3 2	ACCORDING TO TRGS 900 (GER) AS BA
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RECOMMENDED MONITORING PROCEDURES

BIOLOGICAL MONITORING CONSISTING OF BLOOD AND URINE CADMIUM ANALYSIS IS RECOMMENDED IN CASE OF SIGNIFICANT EXPOSURES

PERSONAL PROTECTIVE EQUIPMENT / RESPIRATORY PROTECTIVE EQUIPMENT

WEAR DUSTPROOF MASK

HAND PROTECTION

WEAR SUITABLE GLOVES.

EYE PROTECTION

WEAR GLASSES.

SPECIFIC HYGIENE MEASURESWHEN USING **DO NOT** EAT, DRINK OR SMOKE. WASH HANDS AFTER USING.**9 - PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE/ PHYSICAL STATE:	SOLID POWDER
COLOR:	RED
pH:	3.5 to 7.5
DECOMPOSITION TEMPERATURE:	>500 C
DENSITY RELATIVE DENSITY (WATER):	4.5 - 5.5
SOLUBILITY IN WATER:	INSOLUBLE

10 - STABILITY AND REACTIVITY**STABILITY**

STABLE UNDER NORMAL STORAGE CONDITION.

HAZARDOUS DECOMPOSITION PRODUCTS

STRONG ACIDS CAN CAUSE FORMATION OF HYDROGEN SULFIDE

11 - TOXICOLOGICAL INFORMATION

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ACUTE TOXICITY LD 50

LD 50 > 5000 MG/KG (ORAL RAT) FIELDER AND DALE, 1983 CITED IN KRAJNS ETAL 1987)

SKIN IRRITATION

MIDLY IRRITANT FOR RABBIT

EYE IRRITATION

MIDLY IRRITANT FOR THE RABBIT

CARCINOGENICITY

LONG LASTING STUDIES ABOUT ADMINISTRATION OF CADMIUM PIGMENT TO ANIMALS DID NOT REVEAL CARCINOGENIC POTENTIAL.

12 - ECOLOGICAL INFORMATION**POSSIBLE ENVIRONMENTAL IMPACT / ECOTOXICITY**

USE ACCORDING TO THE RULES OF GOOD PRACTICE. DO NOT DISPOSE OF IN THE ENVIROMENT.

13 - DISPOSAL CONSIDERATIONS**MEASURES FOR DISPOSAL**

CONSIDER REGULATIONS IN FORCE.

MEASURES AFTER SPILAGE OR LEAKAGE

DISCHARGE PROHIBITED INTO SEWERS AND NATURAL ENVIRONMENTS.

NEUTRALIZING OR DESTROYING PROCEDURE OF PRODUCT

TREATMENT IN SPECIALISED CENTRE.

DISTROYING PROCEDURE OF CONTAMINATED PACKAGING

INCINERATION IN APPROVED INSTALLATION.

14 - TRANSPORT INFORMATION**INTERNATIONAL REGULATION**

NOT CONCERNED BY LEGISLATION.

15 - REGULATORY INFORMATION**EEC REGULATIONS**

EEC DIRECTIVE 91/338 RESTRICTS THE USE OF CADMIUM PIGMENTS IN CERTAIN PLASTIC MATERIALS. PLEASE DO CONTACT US FOR ANY FURTHER INFORMATION. YOU MAY REQUIRE.

DIRECTIVE 91/155/EEC AMENDED BY DIRECTIVE 93/112/EEC AND DIRECTIVE 2001/58/EC : SAFETY DATA SHEETS.

DENGEROUS PREPARATIONS : DIRECTIVE 99/45 AMENDED BY DIRECTIVE 2001/50/EEC.

DIRECTIVE 2001/59/EEC ADAPTING TO TECHNICAL PROGRESS FOR THE 28TH TIME DIRECTIVE 67/548/EEC. IN ACCORDANCE WITH THE DIRECTIVE 94/62/CE, THE CONCENTRATION LEVELS OF LEAD, CADMIUM, MERCURY AND HEXAVALENT CHROMIUM PRESENT IN PACKAGING OR PACKAGING COMPONENTS MUST NOT EXCEED: 100 PPM BY WEIGHT IN ACCORDANCE WITH THE DIRECTIVE 2000/53/CE, MATERIALS AND COMPONENTS OF VEHICLES PUT ON THE MARKET AFTER JULY 1, 2003 MUST NOT CONTAIN LEAD, MERCURY, CADMIUM OR HEVALENT CHROMIUM

(THICK FILM PASTES: EXEMPTION UNTIL JULY 1, 2006)

ECC LABELLING

THIS PRODUCT IS NOT LABELLED.

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