

✓ 11-04-03

00501-3204

CADMIUM RED DEEP

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**Material Safety Data Sheet**

WINSOR & NEWTON GRIFFIN ALKYD COLOUR

CADMIUM RED DEEP

**Section I**

ColArt Americas, Inc  
11 Constitution Avenue  
Piscataway  
New Jersey 08855-1396

Emergency Telephone Number 1-800-628-3385  
Telephone Number for Information 732- 562- 0770  
Date prepared 30/05/00

**Section II Hazard Ingredients/Identity Information**

| Hazardous Components                | CAS No.    | OSHA PEL  | ACGIH TLV        |
|-------------------------------------|------------|-----------|------------------|
| Low aromatic petroleum hydrocarbons | 64742-47-8 | no data   | no data          |
| Cadmium sulphoselenide              | 12626-36-7 | 0.2 mg/m3 | 0.01 as Cd mg/m3 |

**Section III Physical/Chemical Characteristics**

|                       |                                      |                  |              |
|-----------------------|--------------------------------------|------------------|--------------|
| Boiling Point:        | > 200 ° C                            | Specific Gravity | 1.5 -        |
| Vapour pressure:      | no data                              | Melting Point:   | n/a ° C      |
| Vapour density:       | no data                              | Evaporation rate | BuAc = 1 < 1 |
| Solubility in water : | Insoluble                            |                  |              |
| Appearance and odour  | Soft red paste.Low hydrocarbon odour |                  |              |

**Section IV Fire and Explosion Hazard Data**

|                                    |                                   |            |                  |          |          |
|------------------------------------|-----------------------------------|------------|------------------|----------|----------|
| Flash Point                        | ca.70 ° C                         | closed cup | Flammable limits | LEL: 0.6 | UEL: 7.0 |
| Extinguishing Media                | Carbon dioxide,dry chemical,foam. |            |                  |          |          |
| Special Fire Fighting Procedures   | Combustible                       |            |                  |          |          |
| Unusual Fire and Explosion Hazards | none                              |            |                  |          |          |

**Section V Reactivity Data**

|                          |            |     |                       |      |
|--------------------------|------------|-----|-----------------------|------|
| Stability :              | Unstable   | no  | Conditions to avoid : | none |
|                          | Stable :   | yes |                       |      |
| Incompatibility:         | none known |     |                       |      |
| Hazardous Decomposition  | no         |     |                       |      |
| Hazardous Polymerisation | no         |     |                       |      |

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## Section VI Health Hazard Data

|  |  |                                     |                                    |                                     |            |                                     |
|--|--|-------------------------------------|------------------------------------|-------------------------------------|------------|-------------------------------------|
| Route of Entry   | Inhalation?                                  | <input checked="" type="checkbox"/> | Skin?                              | <input checked="" type="checkbox"/> | Ingestion? | <input checked="" type="checkbox"/> |
| <b>Health Hazards:</b>   |  |                                     |                                    |                                     |            |                                     |
| Inhalation of large quantities of vapour may cause dizziness, headache.  |  |                                     |                                    |                                     |            |                                     |
| Prolonged contact with skin may cause irritation. Soluble cadmium content in pigment is less than 5 ppm and should not represent a health hazard |  |                                     |                                    |                                     |            |                                     |
| Carcinogenicity :  | NTP:   | n/a                                 | IARC Monographs:                   | n/a                                 |            |                                     |
|  | OSHA Regulated                               | n/a                                 |                                    |                                     |            |                                     |
| WARNING: DO NOT SPRAY APPLY. This product contains cadmium, a chemical known to the State of California to cause cancer by means of inhalation.  |  |                                     |                                    |                                     |            |                                     |
| Signs and Symptoms of Exposure   |  |                                     | Nausea, headache.                  |                                     |            |                                     |
| Medical Conditions aggravated by exposure  |  |                                     | Pre-existing respiratory disorders |                                     |            |                                     |
| <b>First Aid Procedures</b>  |  |                                     |                                    |                                     |            |                                     |
| Eyes:  | Wash with water for 10 minutes               |                                     |                                    |                                     |            |                                     |
| Skin:  | Wash off with soap and water                 |                                     |                                    |                                     |            |                                     |
| Inhalation:  | Remove from exposure                         |                                     |                                    |                                     |            |                                     |
| Ingestion:   | Give water to drink<br>Get medical attention |                                     |                                    |                                     |            |                                     |

## Section VII Precautions for Safe Handling and Use

|  |                           |
|--|---------------------------|
| Steps to be taken if material is spilled               | Absorb on inert substrate |
| Sweep up immediately                                   |                           |
| Waste Disposal Method                                  | Controlled landfill       |
| As toxic waste   |                           |
| <b>Precautions to be taken in Handling and Storage</b> |                           |
| Normal hygiene   |                           |
| Avoid contact with skin                                |                           |
| Keep in closed containers                              |                           |
| Avoid extremes of temperature                          |                           |
| Other precautions                                      | None                      |

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## Section VIII Control Measures

|                            |  |  |                              |
|----------------------------|--|--|------------------------------|
| Respiratory protection     | If large quantities being used NIOSH mask. |  |                              |
| Ventilation                | Ensure good extraction/ventilation         |  |                              |
|                            | Local exhaust                              | fan                                      |                              |
|                            | Mechanical                                 | Fume hood advisable for large quantities |                              |
| Protective gloves          | Not required                               | Eye protection                           | If handling large quantities |
| Other protective equipment | Protective clothing                        |  |                              |
| Work/Hygenic Practices     | Avoid contact with skin and eyes           |  |                              |
|                            | Use barrier creams                         |  |                              |

This product has been evaluated by a toxicologist and is labeled for acute and chronic health hazards in conformity with the Labeling of Hazardous Art Materials Act and Federal regulation 16 CFR 1500.14 of the Federal Hazardous Substances Act.

This product conforms to ASTM D4236 Standard Practice for Labeling Art Materials for Chronic Adverse Health Hazards

WARNING: MAY BE HARMFUL BY BREATHING VAPOURS. OVEREXPOSURE MAY RESULT IN NAUSEA, HEADACHE, CONFUSION OR INSTABILITY. CONTAINS PETROLEUM DISTILLATES. Avoid breathing vapours. Use exhaust fan to ensure adequate cross ventilation.

KEEP OUT OF REACH OF CHILDREN.