



HS18 CADRAM STANDARD PIGMENTS May 2008

Cadram Standard Pigments

1. IDENTIFICATION OF SUBSTANCE OR PREPARATION

Product: Cadram Standard Pigments

Application: Pigment suspension in n-butyl acetate

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2. COMPOSITION/INFORMATION - HAZARDOUS INGREDIENTS

Pigment suspension in n-butyl acetate.

3. HAZARDS IDENTIFICATION

Flammable. (R11)
Repeated exposure may cause skin dryness or cracking, vapours may cause drowsiness and dizziness.

4. FIRST AID MEASURES

If in any doubt at all or if symptoms persist, seek medical advice immediately.

Inhalation

Remove from exposure. Keep warm and at rest. If there is respiratory distress give oxygen. If respiration stops or shows signs of failing, apply artificial respiration. Do not use mouth to mouth ventilation. Obtain medical attention urgently.

Ingestion

Wash out mouth with water. Give copious drinks of water. DO NOT induce vomiting. Seek immediate medical attention.

Skin Contact

Wash the affected area immediately with plenty of soap and water. If irritation persists or blistering occurs, seek medical attention.

Eyes

Irrigate immediately with water, continuing for at least 15 minutes. Seek medical attention.

5. FIRE FIGHTING MEASURES

Extinguishing Media

Foam, Carbon Dioxide,
Dry Powder (For large fires use alcohol resistant foam or water fog).

Combustible Products

Water. Do not use water jets!

Special Exposure Hazards

Highly flammable liquid, stable under normal conditions. Decomposes in heated air to liberate toxic fumes of carbon monoxide.

Protective Measures

Fire-fighters should wear breathing apparatus and full protective clothing.

6. ACCIDENTAL RELEASE MEASURES (SPILLAGE)

Personal Precautions

Avoid contact with the liquid and ventilate the area to dispel residual vapours.

Spill clean up methods

Extinguish all ignition sources. Small spillages can be wiped up with an absorbent cloth and placed into a suitable container for disposal. For larger spills, absorb with sand which can be swept up and placed in a suitable container for disposal.

Environmental Precautions

Do not allow liquid to enter sewers, the soil or surface waters. Cover drain openings to prevent entrance into water courses. However, if size of spillage warrants and has contaminated water courses, drains or vegetation – advise appropriate authorities.

7. STORAGE AND HANDLING (IN NORMAL USE)

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice (S26)
Use only in well ventilated areas (S51)
If swallowed, seek medical advice immediately and show this container or label (S46).

Do not eat, smoke or drink while using this product.

Storage Precautions

Keep in a cool place (S3)
Keep container tightly closed (S7)
Keep away from sources of ignition – No smoking (S16).

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Protective Equipment



Eye Protection

Goggles

Skin Protection

Rubber gloves (PVA.) (PE/EVAL) (Teflon)

Respiratory Protection

Normal to increased room ventilation is sufficient but it is recommended an adequate exhaust be installed. Chemical masks (Type A) must be worn if the quantities being used are large. Try to use within a closed system.

Exposure limit for butyl acetate in the UK is 710/mg/m³.

9. PHYSICAL/CHEMICAL PROPERTIES

Appearance: Opaque, viscous liquid (various colors)

Solubility: Slightly soluble in water. Miscible with many organic solvents. Soluble in many organic solvents.

Odour: Ester

Boiling Point: 124-128°C

SG: 0.878-0.883@20°C

Vapour Pressure: 13.00mbar @ 20°C

Flash Point: 27°C

Odour threshold (lower): 10.00ppm

Vapour Density (air=): 4

10. STABILITY AND REACTIVITY

Stability

Stable under the recommended storage and handling conditions.

Conditions to Avoid

Prevent exposure to direct sunlight, heat or ignition sources and static build-up. Acids and Alkalis.

Materials to Avoid

As above. Reacts dangerously with strong oxidising agents. Do not under any circumstances mix product with any other product except as directed. Destroys viton, polythene, pvc and some rubbers.

Hazardous Decomposition Products

Decomposes slowly when exposed to moisture or air, giving fumes Carbon monoxide (Co) Carbon Dioxide (Co₂).

11. TOXICOLOGICAL INFORMATION

Acute Effects

Liquid and vapour causes irritation to eyes, skin, respiratory and digestive tracts. May disintegrate or opacify conjunctival and corneal epithelium. Absorption into the body after ingestion may cause nausea and depression of the nervous system. Inhalation causes coughing, choking, dizziness and nausea. Swallowing concentrated Vapours may cause dizziness and drowsiness.

Chronic Effects

Liquid has a degreasing action on the skin and may produce a dry, scaly and fissured dermatitis, contact type erythema, cedema, papules.

12. ECOLOGICAL INFORMATION

Hazards.

LC50/leucisus idus/: 71mg/1/48h – LC50/Daphina magna/24h;205 mg/l (n-butyl-acetate).

13. DISPOSAL CONSIDERATIONS

General Information

Treat as spillages. (See accidental release measures). Transfer any hazardous waste to suitable containers for subsequent disposal. Dispose of any hazardous waste in accordance with waste disposal or water authority regulations.

Disposal Methods

DO NOT dump indiscriminately. It is possible to destroy hazardous waste by burning in suitable controlled incinerators.

14. TRANSPORT INFORMATION (REGULATIONS)

Land Transport

RID/ADR - Class 3 flammable liquids.
UN Number – 1123
Packaging Group – III
Hazard Label – 3Y
Description – Buytl Acetate

Maritime Transport IMDG

IMDG page number - 3314
UN Number – 1123
Packaging Group – III
Hazard Label – 3
Marine Pollutant – No
Sea transport class number 3 3

Air Transport ICAO-TI and IATA-DGR

ICAO/IATA Class - 3
UN Number – 1123
Packaging Group – III
Hazard Label – 3

Avoid storage with or near reactive chemicals or incompatible material. See stability and reactivity.

Recommended Uses and Restrictions

Use only as directed. DO NOT mix with other products (except as directed) as a potentially lethal reaction could take place.

This product is designed to be used SOLELY with CADRAM Infill Part A mixed in equal parts to CADRAM Infill Part B

There is no evidence to suggest that there are any other inherent hazards once these three products are mixed and so no data sheet is therefore required. Once mixed these products become completely inert after 48 hours under normal conditions.

Information Sources

HSE website www.hse.gov.uk

ISSUED BY

RegaLead Ltd
REVISION DATE 15/05/2008

15. REGULATORY INFORMATION (SUPPLY & LABELLING)

LABELLING



Irritant

Hazard Symbol

R10/-) Flammable

Risk Phrases

R10 Flammable
R36/37/38 Irritating to eyes, respiratory system and skin.

Safety Phrases

S3 Keep in cool place.
S7 Keep container tightly closed.
S16 Keep away from sources of ignition – No smoking.
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S51 Use only in well ventilated areas.
S46 If swallowed seek medical advice immediately and show this container or label.
S24/25 Avoid contact with skin and eyes.

16. OTHER INFORMATION

Training Advice

The user should be trained to handle chemicals and be fully aware of the products reaction/hazards. Read the label before opening the container.

DISCLAIMER

All information, recommendations and suggestions concerning the product and its use are believed to be reliable. The information is to the best of our knowledge correct and complete and is given in good faith but without warranty. It remains the user's own responsibility to make sure that the information is appropriate and in accordance with local legislation and for obtaining the necessary certificates and authorizations.