

# MATERIAL SAFETY DATA SHEET

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product name:** COLORIFIC PLASTICINE MODELING CLAY

**Product code:** Various

**Product type :** Modeling Clay based on wax and supplied in solid (dry) form

**Used of substance/preparation :** Modeling Clay in solid form for general use as modeling material for children 3 years old and above.

**Company:** ***Confidential - contact  
Colorific for any queries***

**Emergency phone:**

## 2. COMPOSITION / INFORMATION ON INGREDIENTS

**Substance formal name :** Modeling clay in solid (dry) form

**Substance chemical family:** Microcrystalline wax

**Common name :** Clay treated with proprietary ingredients

**CAS-no :** 64742-42-3

## 3. HAZARDS IDENTIFICATION

**Physical Chemical:** Not applicable

**Human Health Hazards:** No specific hazards. (non-hazardous)

**Environmental Hazards:** The product is not classified as dangerous to the environment.

**Other Hazards**

**(hot/molten material) :** Avoid skin contact with hot or molten product. If swallowed, this product can cause a laxative effect.

**Other information :** Not classified as dangerous for supply or conveyance. (See also point 11)  
Toxicological information (OSHA)

**4. FIRST AID MEASURES**

**Symptoms and effects :** Not expected to give rise to any acute hazard under normal conditions of use

**First Aid – Inhalation :** No specific measures. If product is in a molten state, move victim to fresh air to avoid fumes.

**First Aid – Skin:** No specific measures. If skin is burned by hot material, cool skin with large amounts of water. Do not remove material from skin. Wash skin with warm water using soap. Seek medical attention if pain or irritation persists

**First Aid – In Eyes:** If hot product enters the eyes, irrigate with large amount of luke-warm water.  
Seek medical attention if excessive tearing, redness, or pain persists

**First Aid –Ingestion:** If swallowed, no significant adverse health effects are anticipated. Do not induce vomiting. If large amounts are swallowed or discomfort occurs, seek medical attention immediately. This material can cause a laxative effect.

**Advice to physicians :** Treat symptomatically and supportive therapy as indicated. Check for bowel obstruction with ingestion of large quantities of material.

## 5. FIRE FIGHTING MEASURES

- Specific hazards :** Not classified as flammable but will melt if burned.  
NFPA Flammability Classification: NFPA Class IIIB-slightly combustible
- Extinguishing Media:** CO<sub>2</sub>, dry chemical., foam or water fog
- Special Properties :** Fight the fire from a safe distance. Cool surface with water fog . Molten material can form flaming droplets if ignited. Water or foam can cause frothing. Do not allow liquid to enter sewers or public waters.
- Unsuitable extinguishing media :** Water in jet
- Protective equipment :** Full protective clothing and self-contained breathing apparatus

## 6. ACCIDENTAL RELEASE MEASURES

- Protective measures** No specific measures.
- Personel precautions** Wear protective clothing specified for normal operations (see section 8).
- Environmental precautions** Prevent contamination of sewers and public water of hot material
- Clean-up methods** Large spillage of hot / molten material:  
Prevent from spreading by making a barrier with sand, earth or other containment material. Clean up by shoveling solids and place collected material in closed containers. Use a labelled, sealable container for product recovery or safe disposal.  
Treat residues as for small spillage. Small  
Small spillage of hot / molten material:  
Absorb or contain liquid with sand, earth or spill control material. Shovel up and place in a labeled, sealable container for subsequent safe disposal.  
Scrub contaminated surfaces with detergent solution.
- Other information** See Section 13 for information on disposal.

## 7. HANDLING AND STORAGE

- Handling:** Use normal precautions when handling
- Conditions to avoid:** Take special care if product is hot, molten liquid solution  
Do not breath fumes or vapor from heated material.  
Do not allow hot material to contact skin.  
Wash thoroughly after handling.
- Storage Classification :** Keep container tightly closed and dry a tall times  
Maximum storage time : 12 months.
- Unsuitable material :** Keep away from flame and open electrical coils.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- Occupational exposure standards:** None established. See occupational exposure guidelines (ACGIH) mentioned below.
- Engineering control measures :** Use local exhaust ventilation to keep airborne concentration of mists/or vapors from hot/molten product below the recommended exposure guidelines of ACGIH (USA) of TWA; 2mg/m<sup>3</sup>
- Respiratory protection :** No respiratory protection is usually required under normal conditions of use.
- Hand protection :** Prevent skin contact with hot / molten product. After normal use of product use good personel hygiene practices, i. e. wash hands and exposed skin with plenty of mild soap and water.
- Eye protection :** Mono-goggles if handling hot/molten material
- Body protection :** Handling hot / molten material use heat-resistant gloves and work clothes including safety shoes or boots – chemical resistant
- Other :** For cleaning do not gasoline, kerosine, solvents, or harsh abrasive skin cleaners

## 9. PHYSICAL AND CHEMICAL PROPERTIES

- Physical state:** Solid at ambient temperatures
- Color:** Clear to amber (molten) or white to off-white (solid) or coloured
- Odor:** Odourless to faint odour

**Melting point:** 45 C  
**Vapor pressure:** (H<sub>2</sub>O=1, at 4C) 0.8  
**Solubility in water:** Insoluble in cold water  
**Density :** 6.67 lbs./gal  
**% Volatile:** Negligible  
**PH :** Not applicable

## 10. STABILITY AND REACTIVITY

**Chemical Stability:** Stable  
**Conditions to avoid:** Keep away from extreme heat, open flame, and strongly oxidizing conditions.  
**Chemical Incompatibilities:** Strong oxidizers  
**Hazardous decomposition** Highly unlikely under normal use  
**Products:**

## 11. TOXICOLOGICAL INFORMATION

**Basis for assessment:** Product does not exhibit a hazard as defined in OSHA Hazard Classification Standard (29CFR 1910.1200)  
**Acute toxicity – oral :** None  
**Acute toxicity – dermal :** None  
**Acut toxicity – inhalation :** None  
**Eye irritation :** None  
**Skin irritation :** None  
**Skin sensitization :** None  
**Carcinogenic :** None

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity :** Ecotoxicological data have not been determined specifically for this product. Discharges are expected to cause only non-persistent environment damage.  
**Mobility :** Petroleum based (mineral) waxes normally float on water

### 13. DISPOSAL CONSIDERATIONS

**Product disposal :** Recover or recycle if possible and or dispose of in line with applicable federal, state/provincial and local regulations.

**Local legislation :** The recommendations given are considered appropriate for safe disposal. If local regulations may be more stringent then these must be complied with. See also RCRA regulations (see 40CFR 271) and or contact RCRA/Superfund hotline at (800)424-9346 for guidance concerning specific disposal.

### 14. TRANSPORTATION INFORMATION

**Other information :** Not dangerous for conveyance under UN codes.  
Non- hazardous material

### 15. REGULATORY INFORMATION

**EC /GB classification:** Not classified as dangerous or hazardous under EC/GB criteria.

**USA classification:** Not classified as dangerous or hazardous under USA criteria  
DOT transportation data (49CFR 172.701) non-hazardous.

### 16. OTHER INFORMATION

**Uses and restrictions :** Product use in its original state is intended to be used only as a component in the modeling of clay and play

with clay games for children age 3 and above. Advice in this document relates only to product as originally supplied. Other modeling clay / wax types will have different properties and hazards. Advice should be sought on their safe handling and use.

**Other information :**

MSDS distribution:

The information in this document should be made available to all who may handle the product.