



Jordan chalk manufacturing company
 Al Hussein bin Abdullah II Industrial Estate
 Area Code 61110, Karak industry city - Jordan P.O 32
 Fax: 00962 323 80014 Tel: 00962 238 0016
 E-mail:sales@jordanchalk.com
www.jordanchalk.com

Date : 27-07-2026

Ref :5/2026

MATERIAL SAFETY DATA SHEET

1. Product Identification:

Description:

Item: Colored Modeling

MC600S12D, MC12000S24D,
 MC12000S24D6R, MC12000S24D6S,

Modeling clay – Display

MC500S10P, MC550S11D, MC600S12D, MC1800S36P,
 MC1200S24D, MC2400S24P, MC1200S12D, MC2400S12P
 , MC2400S12D

Modeling clay – Carton Box

MC90R6C, MC90S6C, MC120R8C, MC150R10C,
 MC180R12C, MC360R24C, MC360R6CJ, MC37.5R6C, MC75R12C
 , MC37.5R6P-48, MC75R12P-24.

Modeling clay – Blister

MC37.5R6B1T, MC75R12B2T, MC90R6B3T, MC180R6N6SB4T,
 MC120R8B2T, MC120R8B2TR, MC150R10B4T, MC150R10B4TR
 MC180R12B4T, MC180R12B4TR, MC50S6B, MC90R6B
 MC120R8B, MC150R10B, MC180R12B, MC360R24B, MC100S2B
 MC200S4B, MC100S2B2T, MC200S4B4T, MC200S4B4TR.

Modelling clay - Plastic Bucket

MC150R12C2T, MC150R12M2T, MC150R12H2T, MC75R6P1T, MC150R12C2TR
 MC150R12M2TR, MC150R12H2TR, MC150R12P2T, MC100R6P, MC500R12P,
 MC1000R12P, MC2000R12P.

Manufacturer's Name and Address:

Jordan Chalk Manufacturing Company.
 Al Hussein bin Abdullah II Industrial Estate
 Area Code 61110 , P. O. Box 32 Karak – Jordan
 Tel.: 00962 32380016 Fax: 00962 323 80014
www.jordanchalk.com
 E-mail:sales@jordanchalk.com

2. Composition & Information on Ingredients

Modeling clay	1-24	Color	Chemical Component	wt%	CAS No
		Yellow-2	Calcium carbonate (CaCO ₃)	76.7	471-34-1
			Microcrystalline wax	9.2	64742-61-6
			White Petroleum jelly	13.8	8009-03-8
			Masterbatch Yellow No.2	0.15 – 0.45	6358-86-6

Modeling clay	2-24	Color	Chemical Component	wt%	CAS No
		Red -1	Calcium carbonate (CaCO ₃)	76.7	471-34-1
			Microcrystalline wax	9.2	64742-61-6
			White Petroleum jelly	13.8	8009-03-8
			MasterBatch Red No.1	0.15 – 0.45	5281-04-9 3520-72-7

Modeling clay	3-24	Color	Chemical Component	wt%	CAS No
		Light Green-86	Calcium carbonate(CaCO ₃)	76.7	471-34-1
			Microcrystalline wax	9.2	64742-61-6
			White Petroleum jelly	13.8	8009-03-8
			MasterBatch YellowGreen No.86	0.15 – 0.45	1328-53-6 6358-86-6

Modeling clay	4-24	Color	Chemical Component	wt%	CAS No
		Light Blue-62	Calcium carbonate (CaCO ₃)	76.7	471-34-1
			Microcrystalline wax	9.2	64742-61-6
			White Petroleum jelly	13.8	8009-03-8
			MasterBatch TurquoiseNo.62	0.15 – 0.45	13463-67-7 147-14-8

Modeling clay	5-24	Color	Chemical Component	wt%	CAS No
		Orange -4	Calcium carbonate (CaCO ₃)	76.7	471-34-1
			Microcrystalline wax	9.2	64742-61-6
			White Petroleum jelly	13.8	8009-03-8
			MasterBatch Orange No.4	0.15 – 0.45	3520-72-7

Modeling clay	6-24	Color	Chemical Component	wt%	CAS No
		Violet-83	Calcium carbonate (CaCO ₃)	76.7	471-34-1
			Microcrystalline wax	9.2	64742-61-6
			White Petroleum jelly	13.8	8009-03-8
			MasterBatch Violet Blue No.83	0.15 – 0.45	1326-03-0

Modeling clay	7-24	Color	Chemical Component	wt%	CAS No
		Pink -84	Calcium carbonate (CaCO ₃)	76.7	471-34-1
			Microcrystalline wax	9.2	64742-61-6
			White Petroleum jelly	13.8	8009-03-8
			MasterBatch Rose Pink No.84	0.15 – 0.45	13469-67-7 5160-02-1 18472-87-2

Modeling clay	8-24	Color	Chemical Component	wt%	CAS No
		- Brown 94Terracotta	Calcium carbonate (CaCO ₃)	76.7	471-34-1
			Microcrystalline wax	9.2	64742-61-6
			White Petroleum jelly	13.8	8009-03-8
			MasterBatch Brown No.94	0.15 – 0.45	6358-85-6 3520-72-7 5281-04-9 1333-86-4

Modeling clay	9-24	Color	Chemical Component	wt%	CAS No
		Dark Blue-3	Calcium carbonate (CaCO ₃)	76.7	471-34-1
			Microcrystalline wax	9.2	64742-61-6
			White Petroleum jelly	13.8	8009-03-8
			MasterBatch Midnight Blue No.3	0.15 – 0.45	147-14-8

Modeling clay	10-24	Color	Chemical Component	wt%	CAS No
		Dark green-45	Calcium carbonate (CaCO ₃)	76.7	471-34-1
			Microcrystalline wax	9.2	64742-61-6
			White Petroleum jelly	13.8	8009-03-8
			MasterBatch Pin Green No.45	0.15 – 0.45	147-14-8 6358-86-6 1328-53-6

Modeling clay	11-24	Color	Chemical Component	wt%	CAS No
		Black -8	Calcium carbonate (CaCO ₃)	76.7	471-34-1
			Microcrystalline wax	9.2	64742-61-6
			White Petroleum jelly	13.8	8009-03-8
			MasterBatch Black No. 8	0.15 – 0.45	1333-86-4

Modeling clay	12-24	Color	Chemical Component	wt%	CAS No
		White-9	Calcium carbonate (CaCO ₃)	76.7	471-34-1
			Microcrystalline wax	9.2	64742-61-6
			White Petroleum jelly	13.8	8009-03-8
			MasterBatch White9	0.15 – 0.45	13463-67-7

Modeling clay	13-24	Color	Chemical Component	wt%	CAS No
		Cabalt Blue-39	Calcium carbonate (CaCO ₃)	76.7	471-34-1
			Microcrystalline wax	9.2	64742-61-6
			White Petroleum jelly	13.8	8009-03-8
			MasterBatch Midnight Blue No.39	0.15 – 0.45	13463-67-7 147-14-8 5281-04-9

Modeling clay	14-24	Color	Chemical Component	wt%	CAS No
		Scarlet Red -65	Calcium carbonate (CaCO ₃)	76.7	471-34-1
			Microcrystalline wax	9.2	64742-61-6
			White Petroleum jelly	13.8	8009-03-8
			MasterBatch Magenta 41	0.08 – 0.23	13463-67-7 147-14-8 5281-04-9
			MasterBatch Red 1	0.08- 0.23	5281-04-9 3520-72-7

Modeling clay	15-24	Color	Chemical Component	wt%	CAS No
		Flesh(peach)-96	Calcium carbonate (CaCO ₃)	76.7	471-34-1
			Microcrystalline wax	9.2	64742-61-6
			White Petroleum jelly	13.8	8009-03-8
			MasterBatch Flesh No.96	0.15 – 0.45	3520-72-7 6358-86-6 5281-04-9 1333-86-4

Modeling clay	16-24	Color	Chemical Component	wt%	CAS No
		Ivory -97	Calcium carbonate (CaCO ₃)	76.7	471-34-1
			Microcrystalline wax	9.2	64742-61-6
			White Petroleum jelly	13.8	8009-03-8
			MasterBatch Ivory No.97	0.15 – 0.45	3520-72-7 63588-56 5160-02-1

Modeling clay	17-24	Color	Chemical Component	wt%	CAS No
		Light Brown	Calcium carbonate (CaCO ₃)	76.7	471-34-1
			Microcrystalline wax	9.2	64742-61-6
			White Petroleum jelly	13.8	8009-03-8
			MasterBatch Raw Amber NO 52	0.13 – 0.39	6358-86-6 3520-72-7 1333-86-4
			MasterBatch Black NO 8	0.02 -0.07	1333-86-4

Modeling clay	18-24	Color	Chemical Component	wt%	CAS No
		Raw Umber-52	Calcium carbonate (CaCO ₃)	76.7	471-34-1
			Microcrystalline wax	9.2	64742-61-6
			White Petroleum jelly	13.8	8009-03-8
			MasterBatch Raw Umber No.52	0.15 – 0.45	6358-86-6 3520-72-7 1333-86-4

Modeling clay	19-24	Color	Chemical Component	wt%	CAS No
		Grey	Calcium carbonate (CaCO ₃)	76.7	471-34-1
			Microcrystalline wax	9.2	64742-61-6
			White Petroleum jelly	13.8	8009-03-8
			MasterBatch Black NO.8	0.15 – 0.45	1333-86-4

Modeling clay	20-24	Color	Chemical Component	wt%	CAS No
		Purple -59	Calcium carbonate (CaCO ₃)	76.7	471-34-1
			Microcrystalline wax	9.2	64742-61-6
			White Petroleum jelly	13.8	8009-03-8
			MasterBatch Violet No.59	0.15 – 0.45	5281-04-9 147-14-8 1333-86-4

Modeling clay	21-24	Color	Chemical Component	wt%	CAS No
		Blue Green-Turquoise	Calcium carbonate (CaCO ₃)	76.7	471-34-1
			Microcrystalline wax	9.2	64742-61-6
			White Petroleum jelly	13.8	8009-03-8
			MasterBatch Blue Green NO.14	0.15 – 0.45	147-14-8 1328-45-8

Modeling clay	22-24	Color	Chemical Component	wt%	CAS No
		Brown -60	Calcium carbonate (CaCO ₃)	76.7	471-34-1
			Microcrystalline wax	9.2	64742-61-6
			White Petroleum jelly	13.8	8009-03-8
			MasterBatch Brown NO.60	0.15 – 0.45	3520-72-7 1333-86-4

Modeling clay	23-24	Color	Chemical Component	wt%	CAS No
		Magenta-41	Calcium carbonate (CaCO ₃)	76.7	471-34-1
			Microcrystalline wax	9.2	64742-61-6
			White Petroleum jelly	13.8	8009-03-8
			MasterBatch Magenta No.41	0.15 – 0.45	13463-67-7 147-14-8 5281-04-9

Modeling clay	24-24	Color	Chemical Component	wt%	CAS No
		Dark Brown	Calcium carbonate (CaCO ₃)	76.7	471-34-1
			Microcrystalline wax	9.2	64742-61-6
			White Petroleum jelly	13.8	8009-03-8
			MasterBatch Raw Amber NO 52	0.12 – 0.34	6358-86-6 3520-72-7 1333-86-4
			MasterBatch Black NO 8	0.04 – 0.11	1333-86-4



Jordan chalk manufacturing company
Al Hussein bin Abdullah II Industrial Estate
Area Code 61110, Karak industry city - Jordan P.O 32
Fax: 00962 323 80014 Tel: 00962 238 0016
E-mail:sales@jordanchalk.com
www.jordanchalk.com

3. Hazards Identification

Emergency Overview: No an actual Hazard

4. First Aid Measures

In General:
after breathing: No Special measures is necessary
skin contact: Wash Skin with soap and water , seek medical attention in the unlikely
event that irritation occurs
eye contact: Flush eyes large amounts of water for at least fifteen minutes , contact Doctor
after swallowing: See Doctor

5. Fire Fighting Measures

Flash point: No Data
Fire and Explosion Hazard: Packaging may be subject to ignition by fire and may release toxic gases
Extinguishing Media: Extinguish fires with dry chemical, and / or CO² and / or water.
Special Fire-fighting Procedures. Fire fighters should be equipped with self-contained breathing apparatus.

6. Accidental Release Measures

This is a solid material, not volatile at ordinary ambient temperatures.

7. Handling and Storage

Storage: Store in cool and dry location, foods and beverages are not allowed to be kept in storage area , inner and outer packaging should be fully closed.
Handling: Contents will stain. The use of smocks and gloves to protect personal clothing is suggested . Wash hands and surfaces after use.

8. Exposure Control / Personal

Engineering Controls: Adequate ventilation and proper dust control measures are recommended for the safe use of this product.

Protection: Appropriate protective gloves and dust masks are recommended

9- Physical and chemical properties

Appearance:	circular /rectangler / Square	Physical State:	Pliable Solid
Molecular Weight:	n.u.	Melting Point:	n.u.
Specific Gravity:	n.u	PH:	n.u
Freezing Point:	n.u.	Viscosity:	n.u.
Percent Volatile:	n.d.	Vapor Pressure:	n.u.
Evaporation Rate: (70F):	n.d.	Solubility:	n.u
Boiling Point:	n.u.	Average Weight:	4.7g
Odor:	inodor	Vapor Density:	n.u



Jordan chalk manufacturing company
Al Hussein bin Abdullah II Industrial Estate
Area Code 61110, Karak industry city - Jordan P.O 32
Fax: 00962 323 80014 Tel: 00962 238 0016
E-mail:sales@jordanchalk.com
www.jordanchalk.com

10. Stability and Reactivity

Chemical Stability:	Stable
Incompatibility:	None
Hazardous Polymerization:	Will not occur

Hazardous Decomposition Products: Normal combustion forms typical pyrolysis including carbon dioxide, water vapor, and minor amounts of oxides of sulfur and nitrogen. Incomplete combustion can produce carbon monoxide.

11. Toxicological Properties

Acute toxicity:	According to our experience and information provided to us the product does not entail any known hazard .
skin irritation / rabbit:	irritating (insufficient for marking)
eye irritation / rabbit:	irritating
sensitization:	none
LD 50 / rat:	> mg/kg
subacute toxicity:	none

12. Ecological Information

Do not discard into drains.

13. Disposal Considerations

Collect the waste spilled and unused product into proper designated containers either for recycling or disposal in accordance with company's policy and local city, country and federal environmental, safety and health regulations

14. Transportation Information

The goods transported are not dangerous

15. Regulations

According to EU-Regulations: The goods transported are not dangerous.

Marking according to the EU-Regulations: Marking is not necessary

16. Other Information

These facts are in correspondence with our current knowledge. They should describe the products according to the safety regulations and cannot ensure certain properties.

n.u. = not usable

n.d. = not determined