

MATERIAL SAFETY DATA SHEET

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

SUPPLIER: METPREP LTD.
CURRIERS CLOSE
CHARTER AVENUE
COVENTRY CV4 8AW

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CHEMICAL NAME:

PRODUCT: CRYSTALLITE

PRODUCT NUMBERS: 11 99 15

2. COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL NATURE: Polyvinyl formal resin

INGREDIENT (S):	CAS NUMBER:	%:	HAZARD SYMBOL:	R PHRASES:
PV formal	81			
PV Acetate	9.5-13			
PV alcohol	5-6.5			

3. HAZARDS IDENTIFICATION

If handled and used for moulding purposes, the substance presents no critical hazards to man.

4. FIRST AID MEASURES

GENERAL INFORMATION: Remove contaminated or saturated clothing immediately.

INHALATION: Remove to fresh air. In case of irritation to respiratory system, seek medical attention.

SKIN: When contact with skin, rinse immediately with soap and water.

EYE: Irrigate with eyewash solution or clear water, holding the eyelids apart, for at least 5 minutes. Obtain immediate medical attention.

INGESTION: Do not induce vomiting. Wash out mouth with water and give 200-300 ml (half a pint) of water to drink.

Obtain medical attention. Never give anything by mouth to an unconscious person. Call a physician.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Dry Sand, foam, dry powder or CO₂. Keep fire exposed containers cool by spraying with water.

UNSUITABLE EXTINGUISHING MEDIA:

FIRE FIGHTING PROTECTIVE EQUIPMENT: A self-contained breathing apparatus and suitable protective clothing should be worn in fire conditions.

FURTHER INFORMATION: Burning produces Carbon Oxides, Nitrogen Oxides, and under certain conditions of combustion, traces of other toxic substances cannot be excluded.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS: Ensure adequate ventilation. Do not breathe vapour. Avoid ignition sources. Avoid contact with skin, eyes and clothing.

ENVIRONMENTAL PRECAUTIONS: Prevent entry into drains. Do not contaminate surface water. Avoid subsoil penetration. METHODS OF CLEANING UP: Pick - up mechanically. Dispose of absorbed material in accordance with regulations.

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7. HANDLING AND STORAGE

HANDLING: Provide exhaust ventilation if dust is formed. Suitable industrial vacuum cleaners or central exhaust ventilation equipment must be used for taking up dust

STORAGE: Keep only in original container. Store in cool, dry place away from heat, sparks, flame and direct sunlight.

Keep container closed to prevent water absorption and contamination. Keep away from sources of ignition – No Smoking.

IMPORTANT:

STORAGE TEMPERATURE: Preferably not exceeding 15 ° C - 23 ° C.

INDUSTRIAL HYGIENE PRACTICES: Wash face and hands thoroughly with the soap and water after use and before eating, drinking, smoking or applying cosmetics.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

COMPONENTS WITH WORKPLACE CONTROL PARAMETERS:

Total Dust	ACGIH TLV/TWA	15	mg /m ³
	OSHA PEL/TWA	15	mg /m ³
Respirable Dust		5	mg /m ³

ENGINEERING MEASURES: Use with local exhaust ventilation.

PERSONAL PROTECTIVE EQUIPMENT:

RESPIRATORS: Wear suitable respiratory protective equipment if exposure to levels above the occupational exposure limit is likely. A suitable mask with filter type A may be appropriate. In the event of formation of particularly high levels of dust a self-contained breathing apparatus may be appropriate.

EYE PROTECTION: Safety glasses or chemical splash goggles.

GLOVES: Wear suitable gloves. PVA/Polyethylene laminate and supported PVA gloves offer the best protection. Gloves should be changed regularly and if excessive exposure has occurred.

OTHER: Wear suitable protective clothing.

PROTECTIVE MEASURES: Do not breathe vapours/dust. Keep away from sources of ignition – No smoking. Avoid contact with skin, eye & clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

FORM:	Powder
COLOUR:	White to light Yellow
ODOUR:	Slightly pungent
PH	6 - 8 at 20 ° C
BOILING POINT:	NA ° C
MELTING POINT:	ca 110 ° C
THERMAL DECOMPOSITION:	NA ° C
IGNITION TEMPERATURE:	NA ° C
VAPOUR PRESSURE:	NA at 20 ° C
DENSITY:	1.82 – 1.88 g/cm ³
BULK DENSITY:	650 - 750 kg/m ³
WATER SOLUBILITY:	Insoluble
MISCIBILITY WITH WATER:	NA
VISCOSITY:	NA at 25 ° C

10. STABILITY AND REACTIVITY

CONDITIONS TO AVOID: No hazardous reactions known. Avoid heat, flames, sparks and other sources of ignition.

INCOMPATIBILITY (MATERIALS TO AVOID): Oxidising agents

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HAZARDOUS DECOMPOSITION PRODUCTS: Hazardous polymerisation will not occur.

11. TOXICOLOGICAL INFORMATION

ORAL TOXICITY:	LD50 rat	>5010 mg/kg	Practically nontoxic
DERMAL TOXICITY:	LD50 rabbit	> 2000 mg/kg	No more than slightly toxic
EYE IRRITATION:	Slightly Irritating		
SKIN IRRITATION:	Non irritating		
SENSITISATION:			

12. ECOLOGICAL INFORMATION

Based upon current information, there are no special regulations on degradability testing to be observed.

13. DISPOSAL CONSIDERATIONS

PRODUCT: Dispose in accordance with local, state and federal regulations for solid wastes.

14. TRANSPORTATION

LAND TRANSPORT:	
ADR	
REGULATION:	Not dangerous goods – full transport
RID:	
REGULATION:	Not dangerous goods – full transport
AIR TRANSPORT –	
IATA CLASS:	
REGULATION	Not dangerous goods – full transport
OCEAN TRANSPORT –	
IMDG CLASS:	
REGULATION	Not dangerous goods – full transport

15. REGULATORY INFORMATION

EC REGULATIONS –
 EINECS: all chemical listed
 EEC Classification:
 Risk Phrases:
 Safety Phrases:

HAZARDOUS COMPONENTS WHICH MUST BE LISTED ON THE LABEL:

NATIONAL LEGISLATION:

NOTIFICATION STATUS:	EINECS	Not Required
	TSCA	

16. ADDITIONAL INFORMATION

This data sheet was prepared in accordance with Directive 91/155/EEC.

The above information has been gathered from reliable sources and is believed to be correct. However, the information is provided without any warranty, either expressed or implied. MetPrep Ltd shall not be held liable for any damage resulting from the handling of or contact with the above product.