



Macie Industries Limited

EEC - Safety Data Sheet

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

Product Name: Chromat

Supplier: Macie Industries Limited
6 Metnor Business Park
Hadrian Road, Wallsend
Tyne & Wear
NE28 6HH - ENGLAND

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2. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NATURE OF THE PREPARATION SYNONYMS

Granules of polyester resin and aluminium hydroxide (various grades)

HAZARDOUS COMPONENTS:

Not known

3. HAZARDOUS IDENTIFICATION

SPECIFIC HAZARDS

No significant adverse health effects are to be expected from either single or repeated exposure, provided that dust inhalation is controlled.

4. FIRST AID MEASURES

INHALATION

Remove to fresh air in case of accidental inhalation of dust and obtain medical advice if symptoms persist.

SKIN CONTACT

Wash with soap and plenty of water.

EYE CONTACT

Rinse immediately with plenty of water for 15 minutes

INGESTION

Wash out mouth thoroughly with water, give plenty of water to drink and obtain medical advice.

5. FIRE FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA

This product is not combustible. If it is involved in a fire use an extinguisher suitable for the surrounding fire.

EXTINGUISHING MEDIA WHICH MUST NOT BE USED FOR SAFETY REASONS

None

SPECIFIC HAZARDS

Fire may produce carbon monoxide and dioxide, nitrogen oxide (NOx).

SPECIAL PROTECTIVE EQUIPMENT FOR FIRE FIGHTERS

In case of fire, wear a self contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

Before tackling a spillage wear a suitable dust mask and goggles.

METHODS FOR CLEANING UP

Damp down spillage and vacuum or shovel up into labeled containers for disposal.

7. HANDLING AND STORAGE

HANDLING

SAFE HANDLING ADVICE

When handling all chemicals, observe good standard of industrial hygiene.

Avoid swallowing, inhaling fumes/dust and eye or skin contact, by the use of suitable respiratory protection, goggles or gloves as appropriate.

In particular, use respiratory protection if personal exposure may exceed the levels below 5 mg/m³ and wear goggles when handling large quantities.

TECHNICAL MEASURES/STORAGE CONDITIONS

DIRECTIONS ON FIRE AND EXPLOSION PREVENTION:

STORAGE

If this product is kept or supplied in containers, replace the lid after use to prevent absorption of moisture.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING MEASURES >> TO REDUCE EXPOSURE<<

Handle/weigh and use this product under conditions of local exhaust ventilation to avoid creating and breathing dust. Personal measures must be kept below 5mg/m³ respirable dust. If this is not possible, use respirators or suitable alternative respiratory protection. When handling large quantities, goggles may be necessary to avoid eye discomfort from physical effects.

PERSONAL PROTECTION EQUIPMENT

RESPIRATORY PROTECTION

If occupational exposure cannot be adequately controlled by local exhaust ventilation wear an appropriate dust mask manufactured to an approved national or international standard.

EYE PROTECTION

Wear safety glasses.

9. PHYSICAL AND CHEMICAL PROPERTIES

FORM: powder or granules

COLOUR: multi-colour ODOUR: none

CHANGE IN PHYSICAL STATE:

MELTING POINT:

Decomposes above 200°C

FLASH POINT:

N/A

FLAMMABILITY

Not flammable

IGNITION TEMPERATURE:

N/A

AUTOIGNITION TEMPERATURE:

N/A

RELATIVE DENSITY:

1.8 g/cm³

PH

G/L H₂O

SOLUBILITY IN WATER

insoluble in water

10. STABILITY AND REACTIVITY

HAZARDOUS DECOMPOSITION PRODUCTS

Fire may produce: Carbon monoxide and dioxide, nitrogen oxide (NO_x)

HAZARDOUS DECOMPOSITION PRODUCTS

None Known

11. TOXICOLOGICAL INFORMATION

FURTHER INFORMATION

There is a little or no evidence of adverse effects from ingestion or skin or eye contact. provided that inhalation of particles is controlled within the occupational exposure standard no adverse human effects are anticipated.

12. ECOLOGICAL INFORMATION

FURTHER INFORMATION:

The filler maintains low water solubility and is incapable of being further oxidized. If present in small amounts in water, it is unlikely to present a threat to aquatic life. Large discharges to the aquatic environment should be avoided since they may lead to localised adverse effects arising from the product's physical properties.

13. DISPOSAL CONSIDERATION

WASTE FROM RESIDUES/UNUSED PRODUCTS

For disposal of non-recoverable spillage or waste, this product is not classified as a hazardous, dangerous or toxic waste under UK or EEC regulations.

However, local regulations should be consulted and waste should be disposed of only through licensed waste material handling companies.

14. TRANSPORT INFORMATION

UN NO./DESCRIPTION: Not classified PACKAGING GROUP: N/A

PROPER SHIPPING NAME: Not classified/Not a transport hazard

15. REGULATORY INFORMATION

CLASSIFICATION:

Not classified as dangerous

HAZARDOUS COMPONENT(S) FOR LABELLING

None

OTHER REGULATIONS, RESTRICTIONS AND PROHIBITING STIPULATIONS

Handle in accordance with good industrial hygiene and safety practice.

16. OTHER INFORMATION

This information describes exclusively the safety requirements for the product(s) and is based on the present level of our knowledge. It does not constitute a guarantee for the characteristics of the described product(s) as defined by the legal warranty regulations. The delivery specifications are contained in the corresponding product sheet.