

SAFETY DATA SHEET

1. Identification of the substance or mixture and of the supplier

1.1 GHS product identifier	Maflowrap Moulding Compound 1190		
1.2 Other means of identification	Not available.		
1.3 Recommendations and restrictions on the use of substances or mixtures			
Recommended use	Not available.		
Recommended restrictions	Not available.		
1.4 Supplier's details			
Manufacturer			
Company name	Chase Protective Coatings Ltd		
Address	Harbour Road Rye, East Sussex, TN31 7TE United Kingdom		
Telephone	General Assistance	+44 (0)1797 223561	
Website	www.chasecorp.com		
E-mail	info@chaseprotectivecoatings.com		
Contact person	Not available.		
1.5 Emergency phone number	Not available.		

2. Hazards identification

2.1 GHS classification of substance or mixture, and national or regional information

Physical hazards	Not classified.	
Health hazards	Carcinogenicity	Category 1B
Environmental hazards	Not classified.	

2.2 GHS label elements

Hazard symbol(s)



Signal word	Danger
Hazard statement(s)	May cause cancer.
Precautionary statement(s)	

Prevention	Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required.
Response	IF exposed or concerned: Get medical advice/attention.
Storage	Store locked up.
Disposal	Dispose of contents/container in accordance with local/regional/national/international regulations.

2.3 Other hazards which do not result in GHS classification None known.

Supplemental information None.

3. Composition/information on ingredients

3.2 Mixture

Chemical identity	Common name and synonym	CAS number and other unique identifiers	Concentration or concentration range
DISTILLATES (PETROLEUM) SOLVENT-DEWAXED HEAVY PARAFFINIC		64742-65-0	1 - < 3
Other components below reportable levels			90 - 100

4. First-aid measures

4.1 Description of first-aid measures

Inhalation	Move to fresh air. Call a physician if symptoms develop or persist.
Skin contact	Wash off with soap and water. Get medical attention if irritation develops and persists.
Eye contact	Rinse with water. Get medical attention if irritation develops and persists.
Ingestion	Rinse mouth. Get medical attention if symptoms occur.

4.2 Most important symptoms/effects, acute and delayed

Coughing. Irritation of eyes and mucous membranes. Upper respiratory tract irritation. Skin irritation.

4.3 Indication of immediate medical considerations and important specific treatment that should be performed

Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.

General advice

IF exposed or concerned: Get medical advice/attention. Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

5. Fire-fighting measures

5.1 Prohibited extinguishing media and suitable extinguishing media

Suitable extinguishing media	Water fog. Foam. Dry chemical powder. Carbon dioxide (CO ₂).
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.

5.2 Specific hazards arising from chemicals

During fire, gases hazardous to health may be formed.

5.3 Special protective equipment and precautions for fire-fighters

Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

Fire fighting equipment/instructions

Use water spray to cool unopened containers.

General fire hazards

No unusual fire or explosion hazards noted.

Specific methods

Use standard firefighting procedures and consider the hazards of other involved materials.

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Keep unnecessary personnel away. Use personal protection recommended in Section 8 of the SDS.

6.2 Environmental precautions

Avoid discharge into drains, water courses or onto the ground.

6.3 Methods and materials for containment and cleaning up

Stop the flow of material, if this is without risk. Prevent entry into waterways, sewer, basements or confined areas. Following product recovery, flush area with water. For waste disposal, see section 13 of the SDS.

7. Handling and storage

7.1 Precautions for safe handling, use and storage

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Provide adequate ventilation. Should be handled in closed systems, if possible. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.

7.2 Conditions for safe storage, including any incompatibilities

Store locked up. Store in original tightly closed container. Store away from incompatible materials (see Section 10 of the SDS).

8. Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limits

No exposure limits noted for ingredient(s).

Biological limit values

No biological exposure limits noted for the ingredient(s).

8.2 Appropriate engineering controls Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

8.3 Personal protective measures

Eye/face protection If contact is likely, safety glasses with side shields are recommended.

Skin protection

Hand protection Wear appropriate chemical resistant gloves.

Other Use of an impervious apron is recommended.

Respiratory protection In case of insufficient ventilation, wear suitable respiratory equipment.

Thermal hazards Wear appropriate thermal protective clothing, when necessary.

General hygiene considerations Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

9. Physical and chemical properties

9.1 Appearance

Physical state Solid.

Form Solid. Putty

Color Beige.

9.2 Odor Mild.

9.3 Odor threshold limit Not available.

9.4 pH Not available.

9.5 Melting point/freezing point Not available.

9.6 Initial boiling point and boiling range Not available.

9.7 Flash point Not available.

9.8 Evaporation rate Not available.

9.9 Flammability (solid, gas) Not available.

9.10 Upper/lower flammability or explosive limits

Flammability limit - lower (%) Not available.

Flammability limit - upper (%) Not available.

Explosive limit - lower (%) Not available.

Explosive limit - upper (%) Not available.

9.11 Vapor pressure Not available.

9.12 Vapor density Not available.

9.13 Relative density Not available.

9.14 Solubility

Solubility (water) Not available.

9.15 Partition coefficient: n-octanol/water Not available.

9.16 Auto-ignition temperature Not available.

9.17 Decomposition temperature Not available.

9.18 Viscosity Not available.

Other information

Density 1.99 g/cm³ estimated

Specific gravity 1.99 estimated

10. Stability and reactivity

10.1 Reactivity The product is stable and non-reactive under normal conditions of use, storage and transport.

10.2 Chemical stability Material is stable under normal conditions.

10.3 Possibility of hazardous reactions No dangerous reaction known under conditions of normal use.

10.4 Conditions to avoid Contact with incompatible materials.

10.5 Incompatible materials Acids. Fluorine.
10.6 Hazardous decomposition products No hazardous decomposition products are known.

11. Toxicological information

11.1 Information on likely routes of exposure

Ingestion Expected to be a low ingestion hazard.
Inhalation No adverse effects due to inhalation are expected.
Skin contact No adverse effects due to skin contact are expected.
Eye contact Direct contact with eyes may cause temporary irritation.

11.2 Symptoms related to physical, chemical and toxicological characteristics Coughing. Upper respiratory tract irritation. Irritation of eyes and mucous membranes. Skin irritation.

11.3 Delayed and immediate effects, including chronic effects from short- and long-term exposure Not available.

11.4 Numerical values of toxicity

Acute toxicity Not available.

Product	Species	Test Results
Maflowrap Moulding Compound 1190 (CAS Mixture)		
Acute		
<i>Oral</i>		
LD50	Mouse	8164.5571 mg/kg estimated
	Rat	8164.5571 mg/kg estimated

* Estimates for product may be based on additional component data not shown.

Skin corrosion/irritation Prolonged skin contact may cause temporary irritation.

Serious eye damage/eye irritation Direct contact with eyes may cause temporary irritation.

Respiratory or skin sensitization

Respiratory sensitization Not available.
Skin sensitization This product is not expected to cause skin sensitization.

Germ cell mutagenicity No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

Carcinogenicity May cause cancer.

ACGIH Carcinogens

DISTILLATES (PETROLEUM) SOLVENT-DEWAXED HEAVY PARAFFINIC (CAS 64742-65-0) A2 Suspected human carcinogen.

IARC. Monographs on the evaluation of carcinogenic risks to humans

DISTILLATES (PETROLEUM) SOLVENT-DEWAXED HEAVY PARAFFINIC (CAS 64742-65-0) 1 Carcinogenic to humans.

Reproductive toxicity This product is not expected to cause reproductive or developmental effects.

Specific target organ toxicity - single exposure Not classified.

Specific target organ toxicity - repeated exposure Not classified.

Aspiration hazard Not available.

12. Ecological information

12.1 Ecological toxicity The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Product	Species	Test Results
Maflowrap Moulding Compound 1190 (CAS Mixture)		
Aquatic		
Fish	LC50 Fish	70886.0781 mg/l, 96 hours estimated

* Estimates for product may be based on additional component data not shown.

12.2 Persistence and degradability	No data is available on the degradability of this product.
12.3 Bioaccumulative potential	Not available.
12.4 Mobility in soil	No data available.
12.5 Other adverse effects	No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

13. Disposal considerations

Disposal instructions	Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents/container in accordance with local/regional/national/international regulations.
Local disposal regulations	Dispose in accordance with all applicable regulations.
Waste from residues / unused products	Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).
Contaminated packaging	Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

14. Transport information

ADR

Not regulated as dangerous goods.

IATA

Not regulated as dangerous goods.

IMDG

Not regulated as dangerous goods.

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

15. Regulatory information

Federal regulations

Thailand. Notification of the Ministry of Interior, Re: Work Safety Relating to Dangerous Chemicals

Not regulated.

Thailand. Notification of the Ministry of Interior, Re: Work Safety Relating to More Dangerous Chemicals

Not regulated.

Thailand. Reportable Hazardous Substances (Notification of Ministry of Industry Re: Bases respecting report of quantity of hazardous materials under Department of Industrial Works, B.E. 2547)

Not regulated.

International Inventories

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	No
Canada	Domestic Substances List (DSL)	No
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	No
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	No
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Existing Chemicals List (ECL)	No
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	No

*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

16. Other information, including date of preparation or last revision

Issue date	04-17-2015
Version #	01

Disclaimer

The information offered in this data sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication, however, no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. This material is intended for industrial use only. No warranty, expressed or implied is made.