

1. Identification of the Substance / mixture and of the company undertaking

1.1 PRODUCT IDENTIFIER:

Product Names: **PREFORMED ANTISKID SHEETS**

1.2 RELEVANT IDENTIFIED USES OF THE SUBSTANCE OR MIXTURE AND USES ADVISED AGAINST

Identified uses: Preformed Thermoplastic AntiSkid Road marking.

1.3 DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET

Supplier Information: CID Trading LTD,
Unit 10,
Peckfield Business Park, Pheonix Ave,
Leeds, LS25 4DY
Tel: 0113 201 1340
Email: Sales@cidgroup.co.uk

1.4 EMERGENCY TELEPHONE NUMBER:

**Office hours only:
Tel: 0113 201 1340**

2. Hazards Identification

2.1 CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

Regulation (EC) No: 1272/2008
Not a hazardous substance / mixture according to GHS.

DIRECTIVES 67/548/EEC or 1999/45/EC

This substance is not classified as dangerous according to Directive 67/548/EEC

2.2 LABEL ELEMENTS

Regulation (EC) No: 1272/2008
Precautionary Statement: P281 Use personal protective equipment as required.

2.3 OTHER HAZARDS

Not classified as PBT or vPvB.

3. Composition / Information on Ingredients

General: Contains synthetic resin, highly refined mineral oil, aggregates, extenders, polymers, solid pigments.
Full Details of Risk and Hazard Phrases listed in Section 16.

4. First-aid measures

4.1 DESCRIPTION OF FIRST AID MEASURES

General Information.

In case of contact with skin do not try to remove material. No attempt should be made to remove thermoplastic or any clothing that may be fused to damaged area. Seek medical attention showing this sheet. Vapours and fumes can be released from the material and propane gas torch during application. Do not breathe fumes as may cause respiratory irritation.

Inhalation: Move affected person to fresh air. See medical attention if required.

Ingestion: Rinse mouth out with plenty of water. If any discomfort of the digestive tract seek medical attention.

Skin: The product is unlikely to cause any skin reactions but repeated handling without PPE may lead to abrasions due to rough texture. Molten product during application will bond strongly to skin. Do not try to remove. Seek medical attention.

Eyes: As above. Molten product during application will bond strongly to eyes. Do not try to remove. Seek medical attention.

4.2. Most important symptoms and effects, both acute and delayed

Not known.

4.3. Indication of any immediate medical attention and special treatment needed

This composition is soluble in aromatic solvents i.e. Toluene, Xylene or in chlorinated hydrocarbon solvents – Chloroform, Dichloromethane. These may be useful to soften and remove material from skin.

5. Fire-fighting measures

5.1. EXTINGUISHING MEDIA:

Not classified as flammable but will support combustion. Extinguish with foam, dry powder or Carbon Dioxide.

5.2. SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE:

Hazardous Combustion Products:

Smoke, Fumes, Incomplete combustion products, Oxides of Carbon, flammable hydrocarbons.

5.3. ADVICE FOR FIREFIGHTERS

Use appropriate protective equipment.

6. ACCIDENTAL RELEASE MEASURES

6.1. PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

For non-emergency personnel: Wear protective clothing as described in Section 8 of this safety data sheet. Contact with hot molten material will cause severe burns.

6.2. ENVIRONMENTAL PRECAUTIONS

Should not be released into the environment.

6.3. METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP

General - Dispose of safely in accordance with local and national regulations, See section 13.

6.4. REFERENCE TO OTHER SECTIONS

See Sections 8, 11 and 13.

7. HANDLING AND STORAGE

7.1. PRECAUTIONS FOR SAFE HANDLING

No special precautions. Care should be taken when lifting boxes if over 20Kgs.

7.1.2. ADVICE ON GENERAL OCCUPATIONAL HYGIENE

Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. Individuals having sensitive skin may find it beneficial to use a barrier cream or moisturizer when excessive or prolonged contact with the skin is likely.

See also Section 8 for additional information on hygiene measures.

7.2. CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well ventilated area, away from incompatible materials (see section 10) and food and drink. Store under cover where possible to prevent moisture ingress into material. Keep container tightly closed and sealed until ready for use. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination.

7.3. SPECIFIC END USE(S)

The identified end-use is detailed in Section 1.2.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1. CONTROL PARAMETERS

Ingredient Comments:

No exposure limits noted for the ingredients contained in this mixture.

8.2. EXPOSURE CONTROLS

INGREDIENT COMMENTS

No exposure limits noted for ingredient(s).

PROTECTIVE EQUIPMENT



ENGINEERING MEASURES

Use only with adequate ventilation. If user operations generate dust, fumes, gas, vapour or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits

HAND PROTECTION

Gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Use gloves approved to relevant standards e.g. EN 374 (Europe), F739 (US). Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Individuals having sensitive skin may find it beneficial to use a barrier cream or moisturizer when excessive or prolonged contact with the skin is likely. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

BODY PROTECTION :

Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

EYE PROTECTION

Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists or dusts. If operating conditions cause high dust concentrations to be produced, use dust goggles.

RESPIRATORY PROTECTION :

No specific recommendations. Protection may be required.

OTHER PROTECTION

Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

HYGIENE MEASURES

Wash at the end of each work shift and before eating, smoking and using the toilet.

ENVIRONMENTAL CONTROLS

Comply with applicable environmental regulations limiting discharge to air, water and soil. Protect the environment by applying appropriate control measures to prevent or limit emissions.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

Appearance /Physical state	: Plastic mass
Colour	: Various
Odour	: Slight.
Melting point range	: 75 - 130°C.
Flash point (Closed Cup)	: > 240°C.
Relative density	: 1.9 – 2.1 g/cm ³
Solubility(ies)	: Insoluble in water.
Decomposition temperature	: > 250°C.

9.2. OTHER INFORMATION

None.

10. STABILITY AND REACTIVITY

10.1. REACTIVITY

Material is stable under normal storage conditions.

10.2. CHEMICAL STABILITY

No decomposition if used as directed.

10.3. POSSIBILITY OF HAZARDOUS REACTIONS

Hazardous polymerization will not occur.

10.4. CONDITIONS TO AVOID

Avoid exposure to temperatures exceeding recommended processing conditions.

10.5. INCOMPATIBLE MATERIALS

Strong oxidisers

10.6. HAZARDOUS DECOMPOSITION PRODUCTS

Material does not decompose at ambient temperatures. In case of fire hazardous decomposition products may be produced such as:

Carbon Monoxide
Carbon Dioxide (CO₂)
Flammable hydrocarbons

11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

No information available.

INHALATION

Elevated temperatures or mechanical action may form vapours, mists or fumes which may be irritating to the eyes and respiratory tract.

INGESTION

Ingestion of powder may cause nausea, vomiting and diarrhoea.

SKIN CONTACT

Contact with hot material will cause burns.

EYE CONTACT

Dust may cause transient irritation

OTHER INFORMATION

For the product itself:

Dust may be irritating to the eyes and respiratory tract. Frequent inhalation of dust over a long period of time increases the risk of developing lung diseases.

12. ECOLOGICAL INFORMATION

The environmental impact of this product has not been fully investigated.

12.1. TOXICITY

No information available.

12.2. PERSISTENCE AND DEGRADABILITY

Biodegradation:

Material -- Expected to be persistent.

12.3. BIOACCUMULATIVE POTENTIAL

Material -- Potential to bioaccumulate is low.

12.4. MOBILITY IN SOIL

Material -- Low solubility and floats and is expected to migrate from water to the land.
Expected to partition to sediment and wastewater solids.

12.5. PERSISTENCE, BIOACCUMULATION AND TOXICITY FOR SUBSTANCE(S)

This product is not, or does not contain, a substance that is a PBT or a vPvB.

12.6. OTHER ADVERSE EFFECTS

No adverse effects are expected.

13. DISPOSAL CONSIDERATIONS

Disposal recommendations based on material as supplied. Disposal must be in accordance with current applicable laws and regulations, and material characteristics at time of disposal.

13.1. WASTE TREATMENT METHODS

Suitable routes of disposal are supervised incineration, preferentially with energy recovery, or appropriate recycling methods in accordance with applicable regulations and material characteristics at the time of disposal.

REGULATORY DISPOSAL INFORMATION

European Waste Code: 08 02 99 MFSU Other coatings wastes not otherwise specified

08 04 99 MFSU Adhesives and Sealants wastes not otherwise specified
17-02-03 Construction and Demolition Waste (Plastic)

NOTE: These codes are assigned based upon the most common uses for this material and may not reflect contaminants resulting from actual use. Waste producers need to assess the actual process used when generating the waste and its contaminants in order to assign the proper waste disposal code(s).

PACKAGING

METHODS OF DISPOSAL : The generation of waste should be avoided or minimised wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.

SPECIAL PRECAUTIONS :

This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Do NOT pour hot material down drains.

14. TRANSPORT INFORMATION

General Does - not contain any substances classified as dangerous for transport.

Customs Classification Number:	39 111 00 0
14.1. UN number	
UN No. (ADR/RID/ADN)	Not applicable
14.2 UN Proper shipping name	Not applicable
14.3 Transport hazard class(es)	
ADR/RID/ADN Class	Not classified for transportation.
14.4. Packing group	Not applicable
14.5. Environmental hazards	Not applicable
14.6. Special precautions for user	Not applicable

15. REGULATORY INFORMATION

15.1. SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE

Applicable EU Directives and Regulations:

1907/2006 [... on the Registration, Evaluation, Authorisation and Restriction of Chemicals ... and amendments thereto]

1272/2008 [on classification, labelling and packaging of substances and mixtures.. and amendments thereto]
Refer to the relevant EU/national regulation for details of any actions or restrictions required by the above Regulation(s)/Directive(s).

15.2. CHEMICAL SAFETY ASSESSMENT

REACH Information: A Chemical Safety Assessment has not been carried out for any of the substances present in the material.

16. OTHER INFORMATION

Guidance Notes:

Preventing Dermatitis at Work INDG 233

Medical aspects of occupational skin disease (MS 24)

Workplace Exposure Limits (EH 40)

The above publications are available from HMSO and HSE sources.

www.hse.gov.uk

www.opsi.gov.uk

NOTICE TO THE READER

This information is provided in accordance with the current status of our knowledge and experience. The Safety Data Sheet describes products with a view to relevant safety requirements. This information does not constitute a warranty of properties, features or qualities.