



SAFETY DATA SHEET

Black Polyurethane Pigment

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY

Product name Black Polyurethane Pigment
Company Easy Composites Ltd
 Unit 39
 Park Hall Business Village
 Longton, Stoke-on-Trent
 ST3 5XA
 United Kingdom

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2. HAZARDS IDENTIFICATION

Classification (EC 1272/2008)

Physical and Chemical Not classified.
Environment The product is not expected to be hazardous to the environment.
Risk Phrases Not Classified
Safety Phrases Not Classified
Other Hazards This product does not contain any PBT or vPvB substances.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Composition Comments This product contains no hazardous ingredients in accordance with the latest EC Directives

4. FIRST AID MEASURES

Description of first aid measures

General information No recommendation given, but first aid may still be required in case of accidental exposure, inhalation or ingestion of this chemical. If in doubt, GET MEDICAL ATTENTION PROMPTLY!

Inhalation Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.

Ingestion NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! Rinse mouth thoroughly. Drink plenty of water. Get medical attention if any discomfort continues.

Skin contact Remove affected person from source of contamination. Get medical attention if irritation persists after washing.

Eye contact Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

Most important symptoms and effects , both acute and delayed

General information No specific symptoms noted.

Indication of any immediate medical attention and special treatment needed

No specific antidote. Treatment of exposure should be directed at the control of symptoms and the clinical condition of the patient.

5. FIRE FIGHTING MEASURES

Extinguishing media

Extinguishing media Fire can be extinguished using: Alcohol resistant foam. Water spray, fog or mist. Carbon dioxide (CO₂). Small fires: Dry chemicals, soda ash, lime.

Special hazards arising from the substance or mixture

Hazardous combustion products During a fire, smoke may contain the original material in addition to combustion products of varying composition which may be toxic and/or irritating. Fire or high temperatures create: Carbon monoxide (CO). Carbon dioxide (CO₂).

Unusual Fire & Explosion Hazards Violent steam generation or eruption may occur upon application of direct water stream to hot liquids.

Advice for firefighters

Special Fire Fighting Procedures Keep people away. Isolate fire and deny unnecessary entry. Use water spray to cool fire exposed containers and fire affected zone until fire is out and danger of reignition has passed. Fight fire from protected location or safe distance. Consider the use of unmanned hose holders or monitor nozzles. Immediately withdraw all personnel from the area in case of rising sound from venting safety device or discolouration of the container. Do not use direct water stream. May spread fire. Move container from fire area if this is possible without hazard. Burning liquids may be moved by flushing water to protect personnel and minimize property damage. Contain fire water run-off if possible. Fire water run-off, if not contaminated may cause environmental damage. Review the "Accidental Release Measures" and the "Ecological Information" sections of this MSDS.

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

6. ACCIDENTAL RELEASE MEASURES

Personal precautions , protective equipment and emergency procedures

Isolate area. Keep unnecessary and unprotected personnel from entering the area. Spilled material may cause a slipping hazard.

Environmental precautions

Do not discharge into drains, water courses or onto the ground.

Methods and material for containment and cleaning up

Stop leak if possible without risk. Absorb in vermiculite, dry sand or earth and place into containers. Do not contaminate water sources or sewer.

Reference to other sections

For personal protection, see section 8. See section 11 for additional information on health hazards. For waste disposal, see section 13.

7. HANDLING AND STORAGE

Precautions for safe handling Wear full protective clothing for prolonged exposure and/or high concentrations.

Conditions for safe storage Store in tightly closed original container in a dry, cool and well-ventilated place. Keep in original container. Keep separate from food, feedstuffs, fertilisers and other sensitive material.

Specific end use (s) The identified uses for this product are detailed in Section 1.2

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters

No exposure limits noted for ingredient(s).

Exposure controls

Protective equipment

Process conditions	Use engineering controls to reduce air contamination to permissible exposure level.
Engineering measures	No particular ventilation requirements.
Respiratory equipment	No specific recommendation made, but respiratory protection may still be required under exceptional circumstances when excessive air contamination exists.
Hand protection	Use suitable protective gloves if risk of skin contact.
Eye protection	If risk of splashing, wear safety goggles or face shield.
Other Protection	Wear appropriate clothing to prevent any possibility of skin contact.
Hygiene measures	DO NOT SMOKE IN WORK AREA! Wash hands at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes wet or contaminated. Promptly remove any clothing that becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke.
Skin protection	Wear apron or protective clothing in case of contact.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Coloured paste.
Colour	Variable
Odour	Sweetish.
Initial boiling point and boiling range (°C)	100 760 mm Hg
Flash point (°C)	182 CC (Closed cup).

10. STABILITY AND REACTIVITY

Reactivity	Stable under normal temperature conditions and recommended use.
Chemical stability	No particular stability concerns.
Possibility of hazardous reactions	Will not polymerise.
Conditions to avoid	Avoid excessive heat for prolonged periods of time. Avoid contact with strong oxidisers. Avoid contact with: Water, moisture.
Incompatible materials	Materials To Avoid: Strong oxidising substances. Strong acids. The reaction of polyols and isocyanates generates heat. Isocyanates.
Hazardous decomposition products	Decomposition products depend upon temperature, air supply and the presence of other materials.

11. TOXICOLOGICAL INFORMATION

Toxic Dose 1 - LD 50	>2, 000 mg/kg (oral rat)
Toxic Dose 2 - LD 50	>2, 000 mg/kg (dermal rabbit)
Toxicological information	Not toxic
Health Warnings	No specific health warnings noted.

12. ECOLOGICAL INFORMATION

Toxicity	
Acute Toxicity - Fish	Not considered toxic to fish.
Persistence and degradability	The product is easily biodegradable.
Bio accumulative potential	The product is not bioaccumulating.
Mobility in soil	Not considered mobile.
Results of PBT and vPvB assessment	This product does not contain any PBT or vPvB substances.
Other adverse effects	Not applicable.

13. DISPOSAL CONSIDERATIONS

General information Dispose of waste and residues in accordance with local authority requirements.

14. TRANSPORT INFORMATION

Rail Transport Notes	Not classified.
Sea Transport Notes	Not classified.
Air Transport Notes	Not classified.
UN number	Not applicable.
UN proper shipping name	Not applicable.
Transport hazard class (es)	Not applicable.
Packing group	Not applicable.
Environmental hazards	None.

15. REGULATORY INFORMATION**Safety , health and environmental regulations / legislation specific for the substance or mixture**

Uk Regulatory References	The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).
Approved Code Of Practice	Classification and Labelling of Substances and Preparations Dangerous for Supply.
Guidance Notes	Workplace Exposure Limits EH40. Introduction to Local Exhaust Ventilation HS(G)37. CHIP for everyone HSG(108).
EU Legislation	Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments. Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments.
Chemical Safety Assessment	No chemical safety assessment has been carried out.

16. OTHER INFORMATION

Further information The information supplied in this Safety 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.