SAFETY DATA SHEET
DUCT SEALANT BLACK TINT

SECTION 1: Identification

1.1. Product Identifier

Product form	: Liquid Mixture
Trade name	: Duct Sealant Black Tint
Product code	: AG-DSBP

1.2 Relevant identified uses of the substance or mixture and uses advised against

1.2.1 Relevant identified uses
Colourants for tinting paints / coatings

1.2.2 Uses advised against
Not available

1.3 Details of the supplier of the Safety Data Sheet

Supplier:
Aeris Environmental Ltd, Level 1, Unit 5 / 26-34 Dunning Ave, Rosebery, NSW 2018
AUSTRALIA
Phone: +61 2 8344 1315 Fax: +61 2 96970944

1.4 Emergency telephone number

In Australia 02 83441315, from outside Australia +612 83441315

SECTION 2: Hazard identification

2.1 Classification of the substance or mixture

Classification according to GHS
Not Classified

2.2 Label elements

Hazard pictograms:
NONE

Signal word:
NONE

Hazard statement:
Not classified as hazardous

Precautionary statements:

Prevention	Observe good industrial hygiene practices.
Response	Wash hands after handling.
Storage	Store away from incompatible materials.
Disposal	Dispose of waste and residues in accordance with local authority requirements.

2.3 Other hazards

None known

SECTION 3: Composition/information on ingredients

3.1 Substance:

Not applicable

3.2. Mixture

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NAME	CAS no.	%	Classification according GHS/CLP
Carbon Black	1333-86-4	30 - <40	Not Classified
Propylene glycol	57-55-6	20 - 30	Not Classified
Other components below reportable levels	NA	30 - <40	-

SECTION 4: First aid

4.1 Description of first aid measures

First - aid measures after inhalation: Move to fresh air. Call a physician if symptoms develop or persist.

First-aid measures after skin contact: Wash off with soap and water. Get medical attention if irritation develops and persists.

First-aid measures after eye contact: Rinse with water. Get medical attention if irritation develops and persists.

First-aid measures after ingestion: Rinse mouth. Get medical attention if symptoms occur.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms/injuries: None known

Symptoms/injuries after inhalation: None known

Symptoms/injuries after skin contact: None known

Symptoms/injuries after eye contact: None known

Symptoms/injuries after ingestion: None known

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media: Powder. Alcohol resistant foam. Carbon dioxide (CO2).

Unsuitable extinguishing media: Do not use water jet as an extinguisher, as this will spread the fire.

5.2. Special hazards arising from the substance or mixture

During fire, gases hazardous to health may be formed.

5.3. Advice for firefighters:

Exercise caution when fighting any chemical fire.

Protective equipment for firefighters:

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

Fire fighting equipment/instructions:

Move containers from fire area if you can do so without risk.

Hazchem Code:

Not available

General fire hazards:

No unusual fire or explosion hazards noted.

Specific methods:

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

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Evacuate unnecessary personnel.

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6.1.2. For emergency responders
Protective equipment:
Wear protective gloves, and eye protection as in section 8

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

6.3. Methods and material for containment and cleaning up
Large Spills: Stop the flow of material, if this is without risk. Use water spray to reduce vapours or divert vapour cloud drift. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.
Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.
Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS.

6.4. Reference to other sections
Section 8. Exposure controls and personal protection

SECTION 7: Handling and storage

7.1. Precautions for safe handling
Precautions for safe handling: Observe good industrial hygiene practices.

7.2. Conditions for safe storage, including any incompatibilities
Store in original tightly closed container. Store away from incompatible materials (see Section 10 of the SDS)

SECTION 8: Exposure control and personal protection

8.1 Control parameters

Australia. National Workplace OELs (Workplace Exposure Standards for Airborne Contaminants, Appendix A) and OELs. (Adopted National Exposure Standards for Atmospheric Contaminants in the Occupational Environment)

Substance name	Cas No	TWA (ppm)	TWA (mg/m3)
Carbon black	1333-86-4		3
Propylene glycol	57-55-6		
(Total vapour and particulates)			474
Particulate			10

US. ACGIH Threshold Limit Values

Substance name	Cas No	TWA (ppm)	TWA (mg/m3)
Carbon black (Inhalable fraction)	1333-86-4		3

UK. EH40 Workplace Exposure Limits (WELs)

Substance name	Cas No	TWA (ppm)	TWA (mg/m3)	STEL (mg/m3)
Carbon black	1333-86-4		3.5	7
Propylene glycol	57-55-6			
(Total vapour and particulates)		150	474	
Particulate			10	

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

Appropriate engineering controls

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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.

Individual protection measures, for example personal protective equipment (PPE)

Eye/face protection	Wear safety glasses with side shields (or goggles).
Skin protection	
Hand protection	Wear appropriate chemical resistant gloves. Suitable gloves can be recommended by the glove supplier.
Other	Wear suitable protective clothing.
Respiratory protection	In case of insufficient ventilation, wear suitable respiratory equipment.
Thermal hazards	Wear appropriate thermal protective clothing, when necessary.
Hygiene measures	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.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance:	
Physical state	Liquid
Form	Liquid
Colour	Black
Odour	Slight
Odour threshold	Not available
pH as supplied (typical):	8 – 10 estimated
Melting point/freezing point	Not available
Initial boiling point and boiling range:	>100°C (>212°F) estimated
Flash point:	>100°C (>212°F) estimated
Evaporation rate:	Not available
Flammability (solid, gas):	Not applicable
Upper/lower flammability or explosive limits:	Not available
Decomposition temperature	Not available
Vapour pressure:	Not available
Vapour density:	Not available
Specific gravity:	1.15 – 1.45 estimated
Solubility:	Not available
Partition coefficient n-octanol/water:	Not available
Viscosity:	Not available
Auto-ignition temperature	Not available
Decomposition temperature	Not available

SECTION 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 or normal use.

10.4 Conditions to avoid

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Contact with incompatible materials.

10.5 Incompatible materials

Strong oxidising agents

10.6 Hazardous decomposition products

No hazardous decomposition products are known.

SECTION 11: Toxicological information

Eye contact:

Direct contact with eyes may cause temporary irritation

Skin contact:

No adverse effects due to skin contact are expected

Inhalation:

No adverse effects due to inhalation are expected

Ingestion:

Expected to be a low ingestion hazard

Symptoms related to exposure	Coughing.

The following is the toxicology data of the ingredients:

Carbon black, Acute oral LD50	Rat >8000 mg/kg
Propylene glycol, Acute oral LD50	Dog 19g/kg, Guinea pig 18.4g/kg, Mouse 23.9g/kg, Rabbit 18g/kg, Rat 30 g/kg

*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/irritation	Direct contact with eyes may cause temporary irritation.
Respiratory sensitisation	Not a respiratory sensitiser.
Skin sensitisation	This product is not expected to cause skin sensitisation.
Germ cell mutagenicity	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.
Carcinogenicity	Risk of cancer cannot be excluded with prolonged exposure.
ACGIH Carcinogens	
Carbon black (CAS 1333-86-4)	A3 Confirmed animal carcinogen with unknown relevance to humans.
IARC Monographs. Overall Evaluation of Carcinogenicity	
Carbon black (CAS 1333-86-4)	2B Possibly 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 an aspiration hazard
Chronic effect	Prolonged exposure may cause chronic effects.
Other information	This product has no known adverse effect on human health.

SECTION 12: Ecological information

Ecotoxicity

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.

The following is the ecotoxicity of the components:

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Propylene glycol (CAS 57-55-6); Aquatic Crustacea EC50 Water flea (Daphnia magna) > 10000 mg/l, 48 hours; Fish, LC50, Fathead minnow (Pimephales promelas) 710 mg/l, 96 hours

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

Persistence and degradability
No data is available on the degradability of this product.

Bioaccumulative potential
Partition coefficient (n-octanol / water (log Kow)): Propylene glycol -0.92

Mobility in soil	No data available for this product
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.
Disposal methods	Collect and reclaim or dispose in sealed containers at licensed waste disposal site.
Residual Waste	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	Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

SECTION 14: Transport information

Transport Classification: Not classified as Dangerous goods by ADG, IATA, or IMDG regulations.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
All ingredients in this preparation are listed in AICS, IECSC, ENCS, ECL, NZ inventory, PICCS and TSCA

SECTION 16: Other information

"The information on this data sheet represents our current data and best opinion as to the proper use in handling of this product under normal conditions. Any use of the product which is not in conformance with this data sheet, which involves using the product, or otherwise that in accordance with instructions of use on product packaging is the responsibility of the user. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact the Aeris Environmental Ltd, on +61 2 83441315.

Date of SDS revision: 21 Mar 2018

END of SDS

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