

Material Safety Data Sheet

BLUE OX™ SA 260 – Structural Acrylic

ADHESIVE®



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1. IDENTIFICATION OF PRODUCT

PRODUCT NAME - SA 260

INTENDED USE - No relevant information

2. COMPOSITION/INFORMATION OF INGREDIENTS

No relevant information. For details of substances presenting a health hazard within the meaning of the Chemicals (Hazard Information & Packing) regulations 1993 see under Section 8 of this Safety Data Sheet.

3. HAZARDS IDENTIFICATION

Prolonged contact with product may result in the removal of essential fats and may result in dermatitis unless good personal hygiene is used. May cause sensitisation by skin contact. Irritating to eyes and skin.

4. FIRST AID MEASURES

General: In all cases of doubt or when symptoms persist seek medical attention. Never give anything by mouth to an unconscious person.

First Aid for Inhalation: Remove to fresh air, keep warm and at rest. If breathing is irregular or stopped give artificial respiration. Give nothing by mouth. If unconscious place in recovery position and seek medical advice.

First Aid for Eye Contact: Contact lenses should be removed. Irrigate copiously with clean, fresh water for at least 10 minutes holding the eyelids apart, seek medical advice.

First Aid for Skin Contact: Remove contaminated clothing. Wash skin thoroughly with soap and water or use a proprietary skin cleaner. Do not use solvents or thinners.

First Aid for Ingestion: If accidentally swallowed obtain immediate medical attention. Keep at rest. DO NOT induce vomiting.

5. FIREFIGHTING MEASURES

Extinguishing Media: Carbon Dioxide, Dry Powder, Sand, Foam, Water Spray Mist.

NOT TO BE USED-

SPECIAL INSTRUCTIONS FOR FIRE FIGHTING PERSONNEL - Fire will produce dense black smoke containing hazardous products of combustion (see Section 10.) Decomposition products may be a hazard to health. Appropriate self-contained breathing apparatus may be required. Cool closed containers exposed to fire with a water spray. Do not allow water run off from fire fighting to enter drains or water courses.

6. ACCIDENTAL RELEASE MEASURES

Exclude sources of ignition and ventilate the area. Exclude non-essential personnel. Avoid breathing vapours. Refer to protective measures listed in sect.7 & 8. Do not allow large quantities to enter drains or water courses. If it does local water companies should be contacted, in case of contamination of streams or rivers or lakes the National Rivers Authority Contain and collect spillage's with non-combustible absorbent materials e.g. sand, earth and place in suitable container for disposal in accordance with the waste regulations.

7. HANDLING AND STORAGE

Avoid skin & eye contact. For personal protection see sect.8. Good housekeeping and regular removal of waste materials will minimise risks. Observe the label precautions. Store between 5 & 25°C in a dry well ventilated place away from sources of heat, ignition and direct sunlight. No smoking.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Measures - Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If extraction methods are insufficient to maintain concentrations of particulates and/or solvent vapours below relevant OEL's, suitable respiratory protective equipment should be worn.

Substance Name	% Conc Range	Symbol	OES 8 hr ppm	OES 15 min ppm	Risk Phrases	Notation
METHACRYLATE WITH THE EXCEPTION OF THOSE ELSEWHERE SPECIFIED	>25% & = <50%	Xi			36/37/38	
ACRYLIC ACID	>2.5% & = <10%	C	10.00	20.00	34-10	OES
aa-DIMETHYLBENZYL	>1% & = <2.5%	C,O			35-11	
HYDROPEROXIDE					36/37/38	SUP OES
SUBSTITUTED HYDRAZINE 5mg/m-3	>0% & = <1%	Xi				
OIL MIST						

NOTES

Notations = Sk - risk or absorption through skin Sen - respiratory sensitiser.

OES = Occupational Exposure Standard MEL - Maximum Exposure Limit.

OEL's are from EH40 except where marked SUP which are assigned by the supplier of the substance.

General Protection - All ppe, including rpe, used to control exposure to hazardous substances must be selected to meet the requirements of the COSHH regulations.

Respiratory Protection - If exposure to hazardous substances identified above cannot be controlled by provision of local exhaust ventilation & good general extraction, suitable respiratory protective equipment should be worn.

Hand Protection - Full physical protection is best. Seek relevant advice from glove manufacturers. Barrier cream may be of help but should not be applied after exposure has occurred.

Eye Protection - Eye protection designed to protect against liquid splashes should be worn.

Skin Protection - Cotton or cotton/synthetic overalls or coveralls are normally suitable. Grossly contaminated clothing should be removed and the skin washed with soap and water or a proprietary skin cleaner.

9. Physical & Chemical Properties

Physical State	Clear viscous liquid	Vapour Density	HEAVIER than Air
Flash Point		Lower Explosion Limit	
Viscosity	2000000 Method Brookfield	Solubility in Water	IMMISCIBLE
Specific Gravity	1.0 gms/cc Method Hydrometer		

10. STABILITY AND REACTIVITY

Stable under the recommended storage & handling conditions (see sect.7) Keep away from oxidising agents and strongly alkaline and acid materials to prevent the possibility of an exothermic reaction.

11. TOXICOLOGICAL INFORMATION

Acrylate components have irritant properties. Prolonged or repeated exposure with skin or mucous membrane may result in irritant symptoms such as redness, blistering or dermatitis. Splashes in the eye may cause irritation and reversible local damage.

12. ECOLOGICAL INFORMATION

Large quantities of the product should not be allowed to enter drains or water courses or be deposited where it can affect ground or surface waters.

13. DISPOSAL CONSIDERATIONS

Do not allow large quantities to enter the drains or water courses or dispose of where ground or surface waters may be affected. Wastes, including emptied containers, are controlled wastes and should be disposed of in accordance with regulations made under the Control of Pollution & Environmental Protection Acts. Residues in emptied containers should be neutralised with decontaminant (see sect.6)

14. TRANSPORT INFORMATION

Ship Name - Unlisted chemical substance - non restricted C490 Kgs

15. REGULATORY INFORMATION

The product is classified and labelled for supply in accordance with the \Chemicals (Hazard Information & Packaging) Regulations as follows:

Classification	Irritant to Skin	
Contains		
Risk Phrases	43	May cause sensitisation by skin contact
	36/38	Irritating to eyes and skin
Safety Phrases	2	Keep out of reach of children
	26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
	46	If swallowed seek medical advise immediately and show the container or label.

The information contained in this Safety Data Sheet does not constitute the user's own assessment of the workplace risks as required by other health & safety legislation. The provisions of the Health & Safety at work etc. Act and the Control of Substances Hazardous to Health Regulations apply to the use of this product at work.

16. OTHER INFORMATION

Text of any Risk Phrases listed in Section 8

R10	Flammable
R11	Highly Flammable
R34	Causes burns
R35	Causes severe burns
R36/37/38	Irritating to eyes, respiratory system and skin.

We believe the information contained herein is current and accurate as of this date of this Material Safety Data Sheet. Since the use of this information and these opinions and the conditions of use of this product are not under the control of ADHESIVE R&D[®], Inc. or it's agents or distributors, it is the user's obligation to determine the conditions of safe use of this product. The buyer should conduct its own tests of this product before use to determine proper preparation technique and suitability for proposed application. ADHESIVE R&D[®], Inc. warrants that the product conforms with ADHESIVE R&D[®]'s written specifications, and is free from defects and disclaims all other warranties, expressed or implied and is not responsible for loss claim of damages resulting from the use of it's products.

Rev 01/03