

SAFETY DATA SHEET BB/008

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY

ADSEAL NO 12 COLOUR ENHANCER

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2. COMPOSITION / INFORMATION ON INGREDIENTS

Blend of acrylates and dimethylbenzene with special admixtures.

<u>Component</u>	<u>%</u>	<u>CAS Nr</u>	<u>EECS Nr</u>	<u>Index Number</u>
Acrylate	15 - 35	80-62-6		
Dimethylbenzene	10 - 75	1330-20-7	202-422-2/ 215-535-7	601-022-00-9
2 - Butanone	20 - 35	78-93-3	201-159-0	

3. HAZARDS IDENTIFICATION

Risk Phrases	R10	Flammable
	R20/21	Harmful by inhalation and contact with skin
	R38	Irritating to Skin
Labelling Requirement	Xn -	Harmful Xi - Irritant

4. FIRST AID MEASURES

Inhalation	Move the exposed person to fresh air. Keep warm and at rest. Perform artificial respiration if breathing has stopped. If breathing is difficult, give oxygen. Obtain medical attention urgently.
Skin Contact	Wash skin with soap and water. Remove contaminated clothing which should be washed or dry cleaned before reuse.
Eye Contact	Wash eyes with copious amounts of water while lifting the eyelids. Continue to rest for at least 15 minutes. Obtain medical attention urgently.
Ingestion	Rinse mouth thoroughly. Keep warm and at rest. Perform artificial respiration if breathing has stopped. If breathing becomes difficult, give oxygen. If conscious, give water to drink but do not induce vomiting because of risk of aspiration. Seek medical attention immediately.

5. FIRE-FIGHTING MEASURES

Fire-Fighting Procedures	Use dry chemical or Carbon Dioxide (CO ²). Do not use water jet as this will spread fire. Use water spray to reduce vapours. Keep fire-exposed containers cool with water spray. Wear self-contained breathing apparatus.
Special Hazards	None
Hazardous Combustion Products	Fire produces Smoke, Carbon Monoxide, Carbon Dioxide and Water.

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6. ACCIDENTAL RELEASE MEASURES	
Personal Precautions	Eliminate ignition sources. Wear Rubber or PVC gloves and goggles. Avoid Contact with liquid. Provide ventilation and confine spill.
Environmental Precautions	Do not allow runoff to sewer. If this occurs, inform authorities.
Methods of Cleaning	Absorb in dry sand, earth or vermiculite and place into containers.
7. HANDLING AND STORAGE	
Handling	Keep away from ignition sources. Avoid spilling, skin and eye contact. Ventilate well, avoid breathing vapours. Wear approved respirator if air contamination is above accepted level. Keep container closed at all times when not in use.
Storage	Keep away from oxidizers, heat, flames and direct sunlight. Store in cool, dry, well ventilated area in closed containers. Take precautionary measures to prevent static discharges.
Packaging Materials	Contain in mild or stainless steel containers. Plastics and rubbers are unsuitable.
8. EXPOSURE CONTROLS	
Maximum exposure limits and occupational exposure standards are listed in HSE's EH40 document which should be referred to for the most up to date data. (HSE's Toxicity Review Series TR26 document gives additional information).	
Exposure Limits	Long term exposure limit TWA 8 hr 100 ppm (441 mg/m ³). Short term exposure limit TWA 15 min 150 ppm (662 mg/m ³). SK = Can be absorbed through skin.
Respiratory Protection	If exposed to high concentrations of vapour wear self-contained breathing apparatus.
Hand Protection	Use protective gloves made of PVC or Butyl Rubber.
Skin Protection	Wear protective apron and boots.
Eye Protection	Wear chemical goggles. Provide eyewash station and safety shower.
9. PHYSICAL AND CHEMICAL PROPERTIES	
Appearance	Coloured solution
Odour	Aromatic
pH	Not applicable
Boiling Point	ca. 200°C
Freezing Point	Not applicable
Flammability	Flammable. Flammable limits 1.1—6.6 vol%.
Auto ignition temperature	500°C
Explosion Hazard	Low to Moderate
Oxidising Properties	Not Oxidising
Vapour Pressure	Approx. 8.0 mbar at 20°C
Solubility in Water	Immiscible
Solubility in Solvents	Soluble in most solvents

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10. STABILITY AND REACTIVITY	
Stability	Stable under normal conditions
Materials to avoid	Strong oxidizing agents and concentrated mineral acids, alcohols, water, amines
Conditions to avoid	Heat, Flames and other potential sources of ignition
Decomposition Products	Hazardous decomposition products but none when handled correctly.
11. TOXICOLOGICAL INFORMATION	
Toxicological Data:	LD ₅₀ (ORAL RAT) 4.8g/kg.
Inhalation	Concentrations of around 200-400 ppm will irritate nose, throat, and upper respiratory tract. Progressively higher levels cause flushing, dizziness, tremors, CNS depression and coma. Rpeated exposure may cause headaches, fatigue, drowsiness and possible dyspeptic disorders. No evidence of blood disorders.
Skin Contact	Irritations and Defatting of skin. Leading to dryness and possibly blistering or dermatitis. Absorbed through intact skin but unless contact is repeated or prolonged this is unlikely to be a significant hazard.
Eye Contact	Vapour concentrations in excess of 200 ppm cause irritation. Liquid causes conjunctival irritation with possible corneal burns.
Ingestion	Practically non-toxic. Irritates mouth and may cause sever gastrointestinal distress. Aspiration into lungs is hazardous because of risk of chemical pneumonitis. Ingestion of large amounts may produce depression or CNS.
12. ECOLOGICAL INFORMATION	
Do not allow to escape into waterways, waste water or soil.	
13. DISPOSAL CONSIDERATIONS	
The relevant EC Directives and local, regional and national regulations must be complied with.	
European Waste Catalogue (EWC) code: 080102 Waste products from MFSU of paint and varnish.	
14. TRANSPORT INFORMATION	
UN Number:	1307
Class:	3.0.0 Flammable Liquids
Packaging Group	III
RID/ADR	3 Inflammable Liquids
IMO Class	3.3 Flammable Liquids
IMDG Code Page Number	3394 Amdt 25-89
ICAO/IATA Class	3 Flammable Liquids
Kemler Code	30
Tremcard Number	TEC(R)33 OR 61G07C
CCT Number	2902 4490

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15. REGULATORY INFORMATION

Classification and Labeling according to EC directives.

Classification	Xn Harmful
Risk Phrases	R10 Flammable R20/21 Harmful by inhalation and contact with skin R38 Irritating to skin
Safety Phrases	S25 Avoid Contact with the eyes
(Also obligatory where substance or preparation is sold to the General Public)	S2 Keep out of Reach of Children
Applicable Legislation	Packaging and Labeling of Dangerous Substances Regulations 1990, Environmental Protection Act 1990, COSHH Regulations 1988, CHIP 1988.

IMPORTANT NOTE

This data sheet does not constitute a user's assessment of workplace risk as required by HSW Act, COSHH, Management of Health & Safety at Work Regulations or other Health & Safety legislation.

16. OTHER INFORMATION

Sources of Key Data:	Raw Material manufacturers safety data sheets, National and International Regulations.
Recommended Uses:	Sealing and coating of hard unglazed surfaces, e.g. block paving concrete, stone, etc..