

SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

Product name: VELSTONE ACTIVATOR
Supplier: Velstone International Ltd.
Monaghan Road, Castleblayney
Co. Monaghan
Ireland
Emergency telephone number: +353 (0)42 9746542
Fax No: +353 (0)42 9740865

2. COMPOSITION/INFORMATION ON INGREDIENTS

Identification of the preparation

Chemical Name	CAS-No	EEC-No	Class	Weight %
BENZOYL PEROXIDE	94-36-0	617-008-00-0	E; R2 Xi; R36 R43	1-20
DIISOBUTYL PHTHALATE	84-69-5		N; R50	30-60
TEXANOL BENZYL PHTHALATE	16883833		not a dangerous substance as defined in the above regulations	

3. HAZARDS IDENTIFICATION

Most important hazards: Irritating to eyes and skin. N - Dangerous for the environment.

4. FIRST AID MEASURES

General advice: Avoid contact with skin and eyes.
Inhalation: Move to fresh air, Consult a physician after significant exposure.
Skin contact: Wash off immediately with soap and plenty of water, If skin irritation persists, call a physician.
Eye contact: Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
Ingestion: Do not induce vomiting, Drink plenty of water, Call a physician immediately. If a person vomits when lying on his back, turn over on his side.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media: Water spray, foam, dry chemical.
Extinguishing media which must not be used for safety reasons:
Do not use a solid water stream as it may scatter and spread fire.
Special protective equipment for firefighters: Cool containers / tanks with water spray, In case of fire, wear a self contained breathing apparatus.
Specific methods: Standard procedure for chemical fires

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Avoid contact with skin and eyes, Ensure adequate ventilation, Remove all sources of ignition, Use personal protective equipment.
Environmental precautions: Avoid subsoil penetration, Do not let product enter drains.
Methods for cleaning up: Dam up, Scrape up, Soak up with inert absorbent material.

7. HANDLING AND STORAGE

Handling: Use only in area provided with appropriate exhaust ventilation, Do not smoke.
Storage: Keep containers tightly closed in a cool, well-ventilated place.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Chemical Name: **National occupational exposure limits:**
BENZOYL PEROXIDE 5 mgm-3
DIISOBUTYL PHTHALATE no data available
TEXANOL BENZYL PHTHALATE no data available
Engineering measures to reduce exposure Ensure adequate ventilation, especially in confined areas.

Product name:	VELSTONE ACTIVATOR
- Respiratory protection:	In case of insufficient ventilation, wear suitable respiratory equipment.
- Hand protection:	solvent-resistant gloves.
- Eye protection:	safety glasses, goggles.
- Skin and body protection:	Wear as appropriate.
Hygiene measures:	Keep away from food, drink and animal feeding stuffs. Wash hands before breaks and immediately after handling the product. Regular cleaning of equipment, work area and clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form:	paste.	Colour:	white.	Odour:	slight.
	g/l H ₂ O)				
Boiling point/range:	n/a		°C		
Flash point:	n/a		°C		
Melting point/range:	n/a		°C		
Relative density:	- lower	1.04		(20 °C)	

10. STABILITY AND REACTIVITY

Stability:	Decomposes on heating.
Conditions to avoid:	Heating can release vapours which can be ignited.
Materials to avoid:	strong acids and strong bases, strong oxidizing agents, amines.
Hazardous decomposition products:	carbon oxides, organic acids.

11. TOXICOLOGICAL INFORMATION

Acute toxicity:	LC50/inhalation/4h/rat = >22.4 mg/l
Local effects:	Severe eye irritation (rabbit)
Sensitization:	Repeated or prolonged skin contact may cause allergic reactions with susceptible persons.
Long term toxicity:	LD50/oral/rat = >5000mg/kg
Repeated or prolonged exposure:	Prolonged or repeated exposure may cause injuries to liver, kidneys, lungs, nerves and hereditary factors.

12. ECOLOGICAL INFORMATION

Mobility:	Bioaccumulation, Do not let product enter drains.
Persistence / degradability:	Assessment of biological degradability (Closed-Bottle Test): 60 %

13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products:	Dispose surplus of unexposed material as uncured plastic waste. In accordance with local and national regulations.
Contaminated packaging:	In accordance with local and national regulations.
European Waste Catalogue No.	08 04 09

14. TRANSPORT INFORMATION

Proper shipping name:	Not classified as dangerous in the meaning of transport regulations: UN, ADR/RID, IMO & IATA/ICAO.
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15. REGULATORY INFORMATION

Classification according to European directive on classification of hazardous preparations 93/21/EEC

- **Contains:** BENZOYL PEROXIDE
- **Symbol(s):**



Xi -Irritant



N

R -phrase(s): R 7 - May cause fire R43 - May cause sensitization by skin contact. R50 - Very toxic to aquatic organisms. R53 - May cause long-term adverse effects in the aquatic environment.
S -phrase(s): S14 - Keep away from flammable materials . S36/37/39 - Wear suitable protective clothing, gloves and eye/face protection.

16. OTHER INFORMATION

Recommended use: Activator for Velstone Adhesives.

Recommended restrictions:

When used in a mixture, read the labels and safety data sheets of all components. All metal parts of the mixing and processing equipment must be earthed.

Revision Date: 01/04/2003.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication