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**SAFETY DATA SHEET**  
**Safetrack EPM Resin**

According to Regulation (EC) No 1907/2006

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

**PRODUCT NAME** Safetrack EPM Resin

**SUPPLIER** STIRLING LLOYD POLYCHEM LTD.  
UNION BANK, KING STREET,  
KNUTSFORD,  
CHESHIRE, WA16 6EF.  
UNITED KINGDOM  
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(Technical/Commercial enquiries)  
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**EMERGENCY TELEPHONE** For Chemical Emergency (Spill, Leak, Fire, Exposure or Accident) - Call CHEMTREC (Day/Night) on:-  
Within USA & Canada : 1-800-424-9300  
Outside USA & Canada : +1 703-527-3887

**2 HAZARDS IDENTIFICATION**

Highly flammable. May cause sensitisation by skin contact. Irritating to respiratory system and skin.  
This product does not contain any PBT or vPvB Substances.  
**CLASSIFICATION (1999/45)** Xi;R37/38. R43. F;R11.

**3 COMPOSITION/INFORMATION ON INGREDIENTS**

Name	EC No.	CAS-No.	Content %	Classification (67/548/EEC)
METHYL METHACRYLATE	201-297-1	80-62-6	30-60%	F;R11 R43 Xi;R37/38
N,N-DIMETHYL-PARA-TOLUIDINE	202-805-4	99-97-8	< 1%	T;R23/24/25 R33 R52/53

The Full Text for all R-Phrases is Displayed in Section 16

**4 FIRST-AID MEASURES**

**NOTES TO THE PHYSICIAN**

No specific first aid measures noted. Important to remove the substance from the skin immediately.

**INHALATION**

Remove victim immediately from source of exposure. Keep the affected person warm and at rest. Get prompt medical attention.

**INGESTION**

Do not induce vomiting. If vomiting occurs, the head should be kept low so that stomach vomit doesn't enter the lungs. Rinse mouth thoroughly. Immediately give a couple of glasses of water or milk, provided the victim is fully conscious. Get medical attention immediately!

**SKIN CONTACT**

Remove affected person from source of contamination. Remove contaminated clothing. Rinse immediately with plenty of water. Get medical attention promptly if symptoms occur 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 and get medical attention.

**5 FIRE-FIGHTING MEASURES**

**EXTINGUISHING MEDIA**

Fire can be extinguished using: Foam. Dry chemicals, sand, dolomite etc. Water spray, fog or mist.

## Safetrack EPM Resin

### SPECIAL FIRE FIGHTING PROCEDURES

Cool containers exposed to flames with water until well after the fire is out.

### UNUSUAL FIRE & EXPLOSION HAZARDS

Closed containers can burst violently when heated, due to excess pressure build-up.

### SPECIFIC HAZARDS

Fire creates: Toxic gases/vapours/fumes of: Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>). Nitrous gases (NO<sub>x</sub>).

### PROTECTIVE MEASURES IN FIRE

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

## 6 ACCIDENTAL RELEASE MEASURES

### PERSONAL PRECAUTIONS

Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. DO NOT touch spilled material. Clean-up personnel should use respiratory and/or liquid contact protection.

### ENVIRONMENTAL PRECAUTIONS

Avoid discharge to the aquatic environment.

### SPILL CLEAN UP METHODS

Stop leak if possible without risk. Absorb spillage with non-combustible, absorbent material. Collect in containers and seal securely. Remove containers and flush area with water.

## 7 HANDLING AND STORAGE

### USAGE PRECAUTIONS

Keep away from heat, sparks and open flame. Avoid inhalation of vapours/spray and contact with skin and eyes. Provide good ventilation. Do not use in confined spaces without adequate ventilation and/or respirator. Risk of vapour concentration on the floor and in low-lying areas. Static electricity and formation of sparks must be prevented. Persons susceptible to allergic reactions should not handle this product.

### STORAGE PRECAUTIONS

Store in tightly closed original container in a dry, cool and well-ventilated place. Keep away from heat, sparks and open flame. Protect from light, including direct sunrays. Take precautionary measures against static discharges.

### STORAGE CLASS

Flammable liquid storage.

## 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	STD	TWA - 8 Hrs		STEL - 15 Min		Notes
METHYL METHACRYLATE	WEL	50 ppm	208 mg/m <sup>3</sup>	100 ppm	416 mg/m <sup>3</sup>	

WEL = Workplace Exposure Limit.

### PROTECTIVE EQUIPMENT



### RESPIRATORY EQUIPMENT

No specific recommendation made, but respiratory protection must be used if the general level exceeds the recommended occupational exposure limit. Wear mask supplied with: Gas cartridge suitable for organic substances.

### HAND PROTECTION

Use protective gloves made of: Rubber, neoprene or PVC. The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material.

### EYE PROTECTION

Wear approved safety goggles.

### HYGIENE MEASURES

DO NOT SMOKE IN WORK AREA! Promptly remove any clothing that becomes contaminated. Wash promptly if skin becomes contaminated. Wash at the end of each work shift and before eating, smoking and using the toilet. When using do not eat, drink or smoke.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

**Safetrack EPM Resin**

<b>APPEARANCE</b>	Viscous Liquid
<b>COLOUR</b>	Varying
<b>ODOUR</b>	Characteristic
<b>SOLUBILITY</b>	Slightly soluble in water. Miscible with: Organic solvents
<b>BOILING POINT (°C)</b>	~ 100 760 mm Hg
<b>RELATIVE DENSITY</b>	~ 1.0 - 1.3 @ 20 °C
<b>VISCOSITY</b>	90 - 250 Ps @ 20 °C
<b>FLASH POINT (°C)</b>	~ 17 CC (Closed cup).
<b>AUTO IGNITION TEMPERATURE (°C)</b>	~ 430
<b>FLAMMABILITY LIMIT - LOWER(%)</b>	2.0
<b>FLAMMABILITY LIMIT - UPPER(%)</b>	13.0

**10 STABILITY AND REACTIVITY****STABILITY**

Stable under normal temperature conditions and recommended use. Avoid: Heat, sparks, flames. Light.

**CONDITIONS TO AVOID**

Avoid heat, flames and other sources of ignition. Protect from light, including direct sunrays.

**HAZARDOUS POLYMERISATION**

Polymerises easily with evolution of heat. Keep cool.

**MATERIALS TO AVOID**

Avoid contact with oxidizers, acids, aluminium, zinc, amines, peroxides, aluminium- and iron-chlorides.

**HAZARDOUS DECOMPOSITION PRODUCTS**

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

**11 TOXICOLOGICAL INFORMATION****INHALATION**

Irritating to respiratory system.

**INGESTION**

May cause stomach pain or vomiting. May cause nausea, headache, dizziness and intoxication.

**SKIN CONTACT**

Irritating to skin. May cause sensitisation by skin contact.

**EYE CONTACT**

Irritating to eyes. Spray and vapour in the eyes may cause irritation and smarting.

<b>Name</b>	METHYL METHACRYLATE
<b>Toxic Dose 1 - LD 50</b>	8400 mg/kg (oral rat)
<b>Toxic Dose 2 - LD 50</b>	> 5000 mg/kg (dermal-rbt)
<b>Toxic Conc. - LC 50</b>	7093 ppm/4h (inh-rat)
<b>Other Health Effects</b>	
IARC Class 3. NTP Not Listed.	

**12 ECOLOGICAL INFORMATION****BIOACCUMULATION**

The product does not contain any substances expected to be bioaccumulating.

**DEGRADABILITY**

The product is not readily biodegradable.

**ACUTE FISH TOXICITY**

The product components are 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.

**13 DISPOSAL CONSIDERATIONS****DISPOSAL METHODS**

Dispose of waste and residues in accordance with local authority requirements. Contact specialist disposal companies.

**14 TRANSPORT INFORMATION**

Safetrack EPM Resin



<b>PROPER SHIPPING NAME</b>	RESIN SOLUTION
<b>ENVIRONMENTALLY HAZARDOUS SUBSTANCE/MARINE POLLUTANT</b>	No.
<b>UN NO. ROAD</b>	1866
<b>ADR CLASS NO.</b>	3
<b>ADR CLASS</b>	Class 3: Flammable liquids.
<b>ADR PACK GROUP</b>	II
<b>TUNNEL RESTRICTION CODE</b>	(D/E)
<b>HAZARD No. (ADR)</b>	33
<b>ADR LABEL NO.</b>	3
<b>HAZCHEM CODE</b>	3YE
<b>UN NO. SEA</b>	1866
<b>IMDG CLASS</b>	3
<b>IMDG PACK GR.</b>	II
<b>EMS</b>	F-E, S-E
<b>UN NO. AIR</b>	1866
<b>AIR CLASS</b>	3
<b>AIR PACK GR.</b>	II

**15 REGULATORY INFORMATION**

**LABELLING**



Irritant



Highly Flammable

**CONTAINS** METHYL METHACRYLATE

**RISK PHRASES**

R11	Highly flammable.
R37/38	Irritating to respiratory system and skin.
R43	May cause sensitisation by skin contact.

**SAFETY PHRASES**

S9	Keep container in a well-ventilated place.
S16	Keep away from sources of ignition - No smoking.
S24	Avoid contact with skin.
S35	This material and its container must be disposed of in a safe way.
S37	Wear suitable gloves.
S51	Use only in well-ventilated areas.

**EU DIRECTIVES**

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.

## Safetrack EPM Resin

### NATIONAL REGULATIONS

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716), The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2009 ("CDG 2009"), SI 2009 No 1348

### 16 OTHER INFORMATION

#### GENERAL INFORMATION

This SAFETY DATA SHEET refers to all colours/variants of this product.

This product is intended for use for the application set out in the technical data sheet only.

The Risk Phrases shown below relate to the individual components in Section 3 and NOT to the Product.  
The Risk Phrases for the Product are shown in Section 2.

#### REVISION COMMENTS

Change from previous version concerns: Change to Emergency Contact Details.

**REVISION DATE** 13/12/2011

#### RISK PHRASES IN FULL

R11 Highly flammable. , R23/24/25 Toxic by inhalation, in contact with skin and if swallowed. , R33 Danger of cumulative effects. , R37/38 Irritating to respiratory system and skin. , R43 May cause sensitisation by skin contact. , R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

#### DISCLAIMER

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 process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.



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**SAFETY DATA SHEET**  
**Safetrack EPM Filler**

According to Regulation (EC) No 1907/2006

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

**PRODUCT NAME** Safetrack EPM Filler

**SUPPLIER** STIRLING LLOYD POLYCHEM LTD.  
UNION BANK, KING STREET,  
KNUTSFORD,  
CHESHIRE, WA16 6EF.  
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Outside USA & Canada : +1 703-527-3887

**2 HAZARDS IDENTIFICATION**

Not regarded as a health or environmental hazard under current legislation.

**CLASSIFICATION (1999/45)** Not classified.

**ENVIRONMENT**

The product is not expected to be hazardous to the environment.

**HUMAN HEALTH**

The hazardous properties of the product are considered limited. However, the product contains a small amount of sensitising substance which may provoke an allergic reaction among sensitive individuals.

**3 COMPOSITION/INFORMATION ON INGREDIENTS**

Name	EC No.	CAS-No.	Content %	Classification (67/548/EEC)
SILICA SAND	238-878-4	14808-60-7	60-100%	-
CALCIUM CARBONATE-300 MESH	215-279-6	1317-65-3	10-30%	-
DIBENZOYL PEROXIDE	202-327-6	94-36-0	< 1%	E;R3 O;R7 Xi;R36 R43

The Full Text for all R-Phrases is Displayed in Section 16

**4 FIRST-AID MEASURES**

**INHALATION**

Unlikely route of exposure as the product does not contain volatile substances. Remove victim immediately from source of exposure. General first aid, rest, warmth and fresh air.

**INGESTION**

Immediately rinse mouth and drink plenty of water. Keep person under observation. If person becomes uncomfortable seek hospital and bring these instructions.

**SKIN CONTACT**

Wash skin thoroughly with soap and water. Get medical attention if irritation persists after washing.

**EYE CONTACT**

Get medical attention promptly if symptoms occur after washing. Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart.

**5 FIRE-FIGHTING MEASURES**

## Safetrack EPM Filler

### EXTINGUISHING MEDIA

The product is non-combustible. Use fire-extinguishing media appropriate for surrounding materials.

### SPECIAL FIRE FIGHTING PROCEDURES

No specific fire fighting procedure given.

### UNUSUAL FIRE & EXPLOSION HAZARDS

No unusual fire or explosion hazards noted.

### PROTECTIVE MEASURES IN FIRE

Use protective equipment appropriate for surrounding materials.

## 6 ACCIDENTAL RELEASE MEASURES

### PERSONAL PRECAUTIONS

Avoid contact with eyes and prolonged skin contact.

### SPILL CLEAN UP METHODS

Shovel into dry containers. Cover and move the containers. Flush the area with water. Avoid dust formation.

## 7 HANDLING AND STORAGE

### USAGE PRECAUTIONS

Avoid contact with skin and eyes.

### STORAGE PRECAUTIONS

No specific recommendations.

## 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	STD	TWA - 8 Hrs		STEL - 15 Min		Notes
CALCIUM CARBONATE-300 MESH	WEL		4 mg/m <sup>3</sup>			
SILICA SAND	WEL		0,1 mg/m <sup>3</sup>			

WEL = Workplace Exposure Limit.

### PROTECTIVE EQUIPMENT



### ENGINEERING MEASURES

The grain size distribution of the product means that the inhalation hazards are relatively low. However, workplace exposure limits must be observed during any processes which may lead to generation of respirable dust. Provide sufficient ventilation for operations causing dust formation.

### RESPIRATORY EQUIPMENT

No specific recommendation made, but respiratory protection may still be required under exceptional circumstances when excessive air contamination exists. Use specified dust masks.

### HAND PROTECTION

For prolonged or repeated skin contact use suitable protective gloves.

### EYE PROTECTION

Wear dust resistant safety goggles where there is danger of eye contact.

### OTHER PROTECTION

Wear appropriate clothing to prevent repeated or prolonged skin contact.

### HYGIENE MEASURES

When using do not eat, drink or smoke. Wash at the end of each work shift and before eating, smoking and using the toilet.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

<b>APPEARANCE</b>	Granular Powder, dust
<b>COLOUR</b>	Grey
<b>ODOUR</b>	No characteristic odour.

**Safetrack EPM Filler**

**10 STABILITY AND REACTIVITY**

**STABILITY**

No particular stability concerns.

**CONDITIONS TO AVOID**

Not relevant.

**HAZARDOUS POLYMERISATION**

Will not polymerise.

**MATERIALS TO AVOID**

No incompatible groups noted.

**HAZARDOUS DECOMPOSITION PRODUCTS**

None under normal conditions.

**11 TOXICOLOGICAL INFORMATION**

**INHALATION**

Unlikely to be hazardous by inhalation because of the low vapour pressure of the substance at ambient temperature. Dust in high concentrations may irritate the respiratory system.

**INGESTION**

No harmful effects expected in amounts likely to be ingested by accident.

**SKIN CONTACT**

The product contains a small amount of sensitising substance which may provoke an allergic reaction among sensitive individuals after repeated contact.

**EYE CONTACT**

Particles in the eyes may cause irritation and smarting.

<b>Name</b>	DIBENZOYL PEROXIDE
<b>Toxic Dose 1 - LD 50</b>	> 5000 mg/kg (oral rat)
<b>Toxic Conc. - LC 50</b>	> 24.3 mg/l/4h (inh-rat)

**Other Health Effects**

IARC Class 3. NTP Not Listed.

<b>Name</b>	CALCIUM CARBONATE-300 MESH
<b>Toxic Dose 1 - LD 50</b>	6450 mg/kg (oral rat)

**Other Health Effects**

This substance has no evidence of carcinogenic properties. IARC Not Listed. NTP Not Listed.

<b>Name</b>	SILICA SAND
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**12 ECOLOGICAL INFORMATION**

**ECOTOXICITY**

Not regarded as dangerous for the environment.

**MOBILITY**

The product is non-volatile. The product is insoluble in water and will sediment in water systems.

**BIOACCUMULATION**

The product is not bioaccumulating.

**DEGRADABILITY**

The product solely consists of inorganic compounds which are not biodegradable.

**13 DISPOSAL CONSIDERATIONS**

**DISPOSAL METHODS**

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

**14 TRANSPORT INFORMATION**

**GENERAL**

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

**15 REGULATORY INFORMATION**

**Safetrack EPM Filler****RISK PHRASES**

NC Not classified.

**SAFETY PHRASES**

P13 Safety data sheet available for professional user on request.

P14 Contains DIBENZOYL PEROXIDE. May produce an allergic reaction.

**EU DIRECTIVES**

Dangerous Substance Directive 67/548/EEC. Dangerous Preparations Directive 1999/45/EC. 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.

**GUIDANCE NOTES**

Workplace Exposure Limits EH40.

**NATIONAL REGULATIONS**

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2002. No. 1689.

**16 OTHER INFORMATION****GENERAL INFORMATION**

This product is intended for use for the application set out in the technical data sheet only.

The Risk Phrases shown below relate to the individual components in Section 3 and NOT to the Product.

The Risk Phrases for the Product are shown in Section 2.

**REVISION COMMENTS**

Change from previous version concerns: Change to Emergency Contact Details.

**REVISION DATE** 13/12/2011**RISK PHRASES IN FULL**

NC Not classified. , R3 Extreme risk of explosion by shock, friction, fire or other sources of ignition. , R36 Irritating to eyes. , R43 May cause sensitisation by skin contact. , R7 May cause fire.

**DISCLAIMER**

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www.stirlinglloyd.com

**SAFETY DATA SHEET**  
**Safetrack EPM Turbo Boost**

According to Regulation (EC) No 1907/2006

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

**PRODUCT NAME** Safetrack EPM Turbo Boost

**SUPPLIER** STIRLING LLOYD POLYCHEM LTD.  
UNION BANK, KING STREET,  
KNUTSFORD,  
CHESHIRE, WA16 6EF.  
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T : +44(0)1565 633111  
(Technical/Commercial enquiries)  
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sdsadministrator@stirlinglloyd.com

**EMERGENCY TELEPHONE** For Chemical Emergency (Spill, Leak, Fire, Exposure or Accident) - Call CHEMTREC (Day/Night) on:-  
Within USA & Canada : 1-800-424-9300  
Outside USA & Canada : +1 703-527-3887

**2 HAZARDS IDENTIFICATION**

May cause fire. Irritating to eyes. May cause sensitisation by skin contact.

**CLASSIFICATION (1999/45)** Xi;R36. R43. O;R7.

**3 COMPOSITION/INFORMATION ON INGREDIENTS**

Name	EC No.	CAS-No.	Content %	Classification (67/548/EEC)
DIBENZOYL PEROXIDE	202-327-6	94-36-0	30-60%	E;R3 O;R7 Xi;R36 R43

The Full Text for all R-Phrases is Displayed in Section 16

**4 FIRST-AID MEASURES**

**INHALATION**

Remove victim immediately from source of exposure. Get medical attention if any discomfort continues.

**INGESTION**

Do not induce vomiting. If vomiting occurs, the head should be kept low so that stomach vomit doesn't enter the lungs. Get medical attention immediately!

**SKIN CONTACT**

Remove contaminated clothing. Wash skin thoroughly with soap and water for several minutes. Get medical attention promptly if symptoms occur 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 and get medical attention.

**5 FIRE-FIGHTING MEASURES**

**EXTINGUISHING MEDIA**

Fire can be extinguished using: Water spray. Foam. Dry chemicals, sand, dolomite etc.

**SPECIAL FIRE FIGHTING PROCEDURES**

Be aware of risk of fire re-starting, and risk of explosion.

**UNUSUAL FIRE & EXPLOSION HAZARDS**

May re-ignite after fire is extinguished. Risk of explosion if heated. Dust may form explosive mixture with air.

**SPECIFIC HAZARDS**

Fire or high temperatures create: Toxic gases/vapours/fumes of: Carbon monoxide (CO). Carbon dioxide (CO2).

## Safetrack EPM Turbo Boost

### PROTECTIVE MEASURES IN FIRE

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

## 6 ACCIDENTAL RELEASE MEASURES

### PERSONAL PRECAUTIONS

Wear protective clothing as described in Section 8 of this safety data sheet.

### ENVIRONMENTAL PRECAUTIONS

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

### SPILL CLEAN UP METHODS

Dampen spillage with water. Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Use non sparking handtools and explosion-proof electric equipment. Shovel into dry containers. Cover and move the containers. Flush the area with water. Avoid generation and spreading of dust. Containers with collected spillage must be properly labelled with correct contents and hazard symbol.

## 7 HANDLING AND STORAGE

### USAGE PRECAUTIONS

Keep away from heat, sparks and open flame. Avoid spilling, skin and eye contact. Avoid handling which leads to dust formation. Use explosion proof electric equipment. Do not handle broken packages without protective equipment. Persons susceptible to allergic reactions should not handle this product.

### STORAGE PRECAUTIONS

Store in closed original container at temperatures between 5°C and 25°C.

### STORAGE CLASS

Oxidiser storage.

## 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	STD	TWA - 8 Hrs		STEL - 15 Min		Notes
DIBENZOYL PEROXIDE	WEL		5 mg/m3			

WEL = Workplace Exposure Limit.

### PROTECTIVE EQUIPMENT



### ENGINEERING MEASURES

Provide explosion proof ventilation for high concentrations.

### RESPIRATORY EQUIPMENT

Wear respirator if there is dust formation. Dust filter P2 (for fine dust).

### HAND PROTECTION

Use protective gloves made of: Neoprene, nitrile, polyethylene or PVC. The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material.

### EYE PROTECTION

Wear approved chemical safety goggles where eye exposure is reasonably probable.

### OTHER PROTECTION

Wear appropriate clothing to prevent repeated or prolonged skin contact.

### HYGIENE MEASURES

DO NOT SMOKE IN WORK AREA! Promptly remove any clothing that becomes contaminated. Wash promptly with soap & water if skin becomes contaminated. When using do not eat, drink or smoke. Wash at the end of each work shift and before eating, smoking and using the toilet.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Powder, dust
COLOUR	White
ODOUR	Slight odour

### Safetrack EPM Turbo Boost

**SOLUBILITY** Not soluble in water.  
**MELTING POINT (°C)** >40°C  
**BULK DENSITY** 620-650 kg/m<sup>3</sup>  
**DECOMPOSITION TEMPERATURE (°C)** 55°C  
**FLASH POINT (°C)** N/A Will not flash.

## 10 STABILITY AND REACTIVITY

**STABILITY**

SADT-(self accelerating decomposition temperature)is the lowest temperature at which self accelerating decomposition may occur with a substance in the packaging as used in transport. A dangerous self-accelerating decomposition reaction and, under certain circumstances, explosion or fire can be caused by decomposition at and above the following temperature.: 55°C. Will decompose at temperatures exceeding 55 °C

**CONDITIONS TO AVOID**

Avoid heat, flames and other sources of ignition.

**HAZARDOUS POLYMERISATION**

Will not polymerise.

**MATERIALS TO AVOID**

Chemically active metals. Metal oxides. Copper. Acids. Alkalis. Reducing Agents.

## 11 TOXICOLOGICAL INFORMATION

**TOXIC DOSE 1 - LD 50** > 5000 mg/kg (oral rat)  
**TOXIC CONC. - LC 50** > 24.3 mg/l/4h (inh-rat)

**SKIN CONTACT**

May cause sensitisation by skin contact.

**EYE CONTACT**

Irritating to eyes.

<b>Name</b>	DIBENZOYL PEROXIDE
<b>Toxic Dose 1 - LD 50</b>	> 5000 mg/kg (oral rat)
<b>Toxic Conc. - LC 50</b>	> 24.3 mg/l/4h (inh-rat)
<b>Other Health Effects</b>	IARC Class 3. NTP Not Listed.

## 12 ECOLOGICAL INFORMATION

**LC 50, 96 Hrs, FISH mg/l** 2.0  
**EC 50, 48 Hrs, DAPHNIA, mg/l** 2.91

## 13 DISPOSAL CONSIDERATIONS

**DISPOSAL METHODS**

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

## 14 TRANSPORT INFORMATION



**PROPER SHIPPING NAME** ORGANIC PEROXIDE TYPE D, SOLID (CONTAINS DIBENZOYL PEROXIDE)  
**UN NO. ROAD** 3106  
**ADR CLASS NO.** 5.2  
**ADR CLASS** Class 5.2: Organic peroxides.  
**TUNNEL RESTRICTION CODE** (D)  
**ADR LABEL NO.** 5.2

## Safetrack EPM Turbo Boost

<b>HAZCHEM CODE</b>	1WE
<b>UN NO. SEA</b>	3106
<b>IMDG CLASS</b>	5.2
<b>EMS</b>	F-J, S-R
<b>UN NO. AIR</b>	3106
<b>AIR CLASS</b>	5.2

### 15 REGULATORY INFORMATION

#### LABELLING



Irritant



Oxidising

#### CONTAINS

DIBENZOYL PEROXIDE

#### RISK PHRASES

R7	May cause fire.
R36	Irritating to eyes.
R43	May cause sensitisation by skin contact.

#### SAFETY PHRASES

S22	Do not breathe dust.
S36/37/39	Wear suitable protective clothing, gloves and eye/face protection.
S3/7	Keep container tightly closed in a cool place.
S50A	Do not mix with peroxide accelerators or reducing agents.
S14	Keep away from acids, bases, reducing substances and heavy metals.

#### EU DIRECTIVES

Dangerous Substance Directive 67/548/EEC. Dangerous Preparations Directive 1999/45/EC. 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.

#### STATUTORY INSTRUMENTS

Control of Substances Hazardous to Health. 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. Safety Data Sheets for Substances and Preparations.

#### GUIDANCE NOTES

CHIP for everyone HSG(108). Workplace Exposure Limits EH40.

### 16 OTHER INFORMATION

#### GENERAL INFORMATION

This product is intended for use for the application set out in the technical data sheet only.

The Risk Phrases shown below relate to the individual components in Section 3 and NOT to the Product.

The Risk Phrases for the Product are shown in Section 2.

#### REVISION COMMENTS

Change from previous version concerns: Change to Emergency Contact Details.

**REVISION DATE** 13/12/2011

#### RISK PHRASES IN FULL

R3 Extreme risk of explosion by shock, friction, fire or other sources of ignition. , R36 Irritating to eyes. , R43 May cause sensitisation by skin contact. , R7 May cause fire.

#### DISCLAIMER

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 process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.