

SAFETY DATA SHEET
CRL GUNTHER PREMIER PLUS MIRROR MASTIC

According to Regulation (EU) No 453/2010

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

PRODUCT NAME CRL GUNTHER PREMIER PLUS MIRROR MASTIC
PRODUCT NO. GN105P
APPLICATION Sealant.
SUPPLIER C.R.Laurence of Europe
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2 HAZARDS IDENTIFICATION

May cause sensitisation by inhalation and skin contact.

CLASSIFICATION (1999/45) R42/43.

HUMAN HEALTH

May cause inhalation hypersensitivity (occupational asthma) in sensitive individuals.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content %	Classification (67/548/EEC)
CALCIUM OXIDE	215-138-9	1305-78-8	< 2.5%	Xi;R41.
DIPHENYLMETHANE-4,4'-DI-ISOCYANATE	202-966-0	101-68-8	< 1.0%	Carc. Cat. 3;R40 Xn;R20,R48/20 Xi;R36/37/38 R42/43
DISTILLATES (PETROLEUM), HYDROTREATED LIGHT; KEROSENE - UNSPECIFIED	265-149-8	64742-47-8	2-5%	Xn;R65

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

4 FIRST-AID MEASURES

NOTES TO THE PHYSICIAN

The severity of the symptoms described will vary dependant of the concentration and the length of exposure.

INHALATION

Difficulty in breathing. Move the exposed person to fresh air at once. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen. Get medical attention.

INGESTION

May cause discomfort if swallowed. Rinse nose, mouth and throat with water. Do not induce vomiting. Get medical attention.

SKIN CONTACT

Risk of sensitisation or allergic reactions among sensitive individuals. Remove contaminated clothing immediately and wash skin with soap and 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.

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5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

Use: Alcohol resistant foam. Dry chemicals. Water spray, fog or mist.

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

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. In case of inadequate ventilation, use respiratory protection.

ENVIRONMENTAL PRECAUTIONS

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

SPILL CLEAN UP METHODS

Stop leak if possible without risk. DO NOT touch spilled material! Avoid inhalation of vapours. The product will harden into a hard mass in contact with water and moisture. Shovel into dry containers. Cover and move the containers. Flush the area with water. Clean-up personnel should use respiratory and/or liquid contact protection. Containers with collected spillage must be properly labelled with correct contents and hazard symbol.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS

Avoid spilling, skin and eye contact. Avoid inhalation of vapours.

STORAGE PRECAUTIONS

Store in tightly closed original container in a well-ventilated place.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	STD	TWA - 8 Hrs		STEL - 15 Min		Notes
CALCIUM OXIDE	WEL		2 mg/m3			
DIPHENYLMETHANE-4,4'-DI-ISOCYANATE	WEL		0,02 mg/m3		0,07 mg/m3	Sen, as NCO

WEL = Workplace Exposure Limit.

Sen = Capable of causing occupational asthma.

PROTECTIVE EQUIPMENT



ENGINEERING MEASURES

Provide adequate ventilation. Observe Occupational Exposure Limits and minimise the risk of inhalation of vapours.

RESPIRATORY EQUIPMENT

If ventilation is insufficient, suitable respiratory protection must be provided. Chemical respirator with organic vapour cartridge and full facepiece.

HAND PROTECTION

Wear protective gloves. 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, tight fitting safety glasses where splashing is probable.

OTHER PROTECTION

Use engineering controls to reduce air contamination to permissible exposure level. Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.

CRL GUNTHER PREMIER PLUS MIRROR MASTIC

HYGIENE MEASURES

Promptly remove non-impervious clothing that becomes contaminated. Wash promptly if skin becomes contaminated. When using do not eat, drink or smoke. Wash hands after handling.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Paste
COLOUR	Grey.
ODOUR	Characteristic.
SOLUBILITY	Insoluble in water
BOILING POINT (°C)	190°C
RELATIVE DENSITY	1.16 g/cm ³ 20°C
FLASH POINT (°C)	70°C

10 STABILITY AND REACTIVITY

STABILITY

Stable under normal temperature conditions and recommended use. The product will harden into a hard mass in contact with water and moisture.

CONDITIONS TO AVOID

Water, moisture.

MATERIALS TO AVOID

Amines. Alcohols, glycols. Strong acids. Strong alkalis.

HAZARDOUS DECOMPOSITION PRODUCTS

Not known.

11 TOXICOLOGICAL INFORMATION

INHALATION

May cause sensitisation by inhalation. Repeated exposure may cause chronic upper respiratory irritation.

INGESTION

May cause discomfort if swallowed. Gastrointestinal symptoms, including upset stomach.

SKIN CONTACT

May cause sensitisation by skin contact. Liquid may irritate skin.

EYE CONTACT

Splashes may irritate. Spray and vapour in the eyes may cause irritation and smarting.

MEDICAL SYMPTOMS

High concentrations of vapours may irritate respiratory system and lead to headache, fatigue, nausea and vomiting.

12 ECOLOGICAL INFORMATION

ECOTOXICITY

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.

MOBILITY

The product will harden into a hard mass in contact with water and moisture.

BIOACCUMULATION

No data available on bioaccumulation.

DEGRADABILITY

There are no data on the degradability of this product.

13 DISPOSAL CONSIDERATIONS

DISPOSAL METHODS

Dispose of waste and residues in accordance with local authority requirements. Recover and reclaim or recycle, if practical.

14 TRANSPORT INFORMATION

GENERAL

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

CRL GUNTHER PREMIER PLUS MIRROR MASTIC

ENVIRONMENTALLY
HAZARDOUS
SUBSTANCE/MARINE
POLLUTANT

No.

15 REGULATORY INFORMATION

LABELLING



Harmful

CONTAINS

DIPHENYLMETHANE-4,4'-DI-ISOCYANATE

RISK PHRASES

R42/43 May cause sensitisation by inhalation and skin contact.

SAFETY PHRASES

- S24 Avoid contact with skin.
- S37 Wear suitable gloves.
- S38 In case of insufficient ventilation, wear suitable respiratory equipment.
- S45 In case of accident or if you feel unwell, seek medical advice immediately (show label where possible).
- S60 This material and its container must be disposed of as hazardous waste.
- P4 Contains isocyanates. See information supplied by the manufacturer.

EU DIRECTIVES

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.

STATUTORY INSTRUMENTS

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.

GUIDANCE NOTES

Workplace Exposure Limits EH40.

16 OTHER INFORMATION

REVISION COMMENTS

This is first issue.

ISSUED BY

HS&E Manager.

REVISION DATE

09-2010

REV. NO./REPL. SDS GENERATED

1

RISK PHRASES IN FULL

- R20 Harmful by inhalation.
- R48/20 Harmful: danger of serious damage to health by prolonged exposure through inhalation.
- R65 Harmful: may cause lung damage if swallowed.
- R36/37/38 Irritating to eyes, respiratory system and skin.
- R40 Limited evidence of a carcinogenic effect.
- R42/43 May cause sensitisation by inhalation and skin contact.
- R41 Risk of serious damage to eyes.

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.