

MATERIAL SAFETY DATA SHEET**1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

SUPPLIER: METPREP LTD.
CURRIERS CLOSE
CHARTER AVENUE
COVENTRY CV4 8AW

TELEPHONE: PRODUCT INFORMATION: 024 7642 1222

FAX: 024 7642 1192

DESCRIPTION: Silicone grease

PRODUCT: METPREP Silicone mould release grease

PRODUCT NUMBERS: 11 30 22

2. COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENT S):	CAS NUMBER:	%
Silica (amorphous)	7631-86-9	ca. 8

3. HAZARDS IDENTIFICATION

Not considered hazardous

4. FIRST AID MEASURES

EMERGENCY AND FIRST AID PROCEDURES:

INHALATION: Not expected to be a problem under normal conditions of use.
EYES: Irrigate thoroughly with water for at least 10 minutes. Seek medical attention.
SKIN: Wipe off. Wash off with plenty of soap and water.
INGESTION: Wash out mouth with water. Seek medical attention.

5. FIRE FIGHTING MEASURES

SPECIAL RISKS

EXTINGUISHING MEDIA: CO₂, foam, dry chemical or fine water spray

COMBUSTION PRODUCTS: Silica, carbon dioxide and traces of incompletely burned carbon products. Formaldehyde.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS: Avoid eye contact.

PRECAUTIONS TO PROTECT ENVIRONMENT: None established, do not allow large quantities to enter drains.

CLEAN UP PROCEDURES: Scrape up and place in a container fitted with a lid.

MATERIAL SAFETY DATA SHEET

7. HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Avoid eye contact. Good ventilation is preferred.

STORAGE: Store under normal cool, dry conditions. Extremes of temperature should be avoided.

OTHER PRECAUTIONS: As appropriate to quantity handled

8. EXPOSURE CONTROL / PERSONAL PROTECTION**OCCUPATIONAL EXPOSURE LIMITS:**

TWA (tot. inhal.dust) value for

CAS Number 7631-86-9

Silica (amorphous) 6 mg/m³

TWA respirable dust- value for

CAS Number 7631-86-9

Silica (amorphous) 3 mg/m³

PERSONAL PROTECTIVE EQUIPMENT

GENERAL PROTECTIVE AND HYGIENE MEASURES: The usual precautionary measures are to adhered to when handling chemicals. Do not inhale dust.

RESPIRATORY PROTECTION (SPECIFY TYPE): Not normally required.

SKIN PROTECTION: Additional protective equipment is not normally required.

HAND PROTECTION: Gloves are not normally required.

EYE PROTECTION: Safety glasses or chemical splash goggles.

9. PHYSICAL AND CHEMICAL PROPERTIES

FORM: Paste

COLOUR: Colourless

ODOUR: Very little

MELTING POINT: NA

BOILING POINT: NA °C

FLASH POINT: NA⁰ C

SPECIFIC GRAVITY (H₂O=1): 0.97

VAPOUR PRESSURE: NA

PERCENT VOLATILE W/W%: NA

VAPOUR DENSITY (AIR=1): NA

EVAPORATION RATE: < 1

AUTOIGNITION TEMPERATURE: NA

FLAMMABLE LIMIT, AIR VOL % LOWER: NA
UPPER: NA

SOLUBILITY IN WATER: Miscible

10. STABILITY AND REACTIVITY

STABILITY: Stable

CONDITIONS TO AVOID: None known

INCOMPATIBILITY (MATERIALS TO AVOID): Avoid Strong acids and oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS: Product may emit formaldehyde vapours at temperatures above 150 °C in the presence of air.

MATERIAL SAFETY DATA SHEET

HAZARDOUS POLYMERIZATION: NA

11. TOXICOLOGICAL INFORMATION

PRIMARY ROUTES OF ENTRY: Expect to be mildly irritating to eyes.

OTHER HAZARD INFORMATION: Product may emit formaldehyde vapours at temperatures above 150 °C in the presence of air. Formaldehyde vapour is harmful by inhalation and irritating to eyes and respiratory system at breathing concentrations less than one part per million (1 ppm). Occupational exposure measurement and control within established limits is necessary for applications where formaldehyde may be formed to ensure worker health and safety. Detailed information concerning current formaldehyde exposure limits can be found in UK HSE EH40 Occupational Exposure Limits.

CARCINOGENICITY: Not known.

TARGET ORGANS: Not known.

MUTAGENICITY DATA: Not known.

REPRODUCTIVE TOXICITY DATA: Not known.

TOXICITY DATA: Not known.

12. ECOLOGICAL INFORMATION

AQUATIC TOXICITY: Not known.

ECOLOGICAL TOXICITY: Not Known. Do not allow large quantities to enter drains and surface waters.

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHODS: Dispose of according to a recognised method of chemical waste disposal.

14. TRANSPORTATION INFORMATION

UN NAME	Not assigned
UN NUMBER	Not assigned
IMDG CODE/CLASS	No special packaging or labelling requirements
ICAO/IATA CLASS	No special packaging or labelling requirements
RID/ADR CLASS	No special packaging or labelling requirements

15. REGULATORY INFORMATION

EXPOSURE LIMITS:	Non assigned
RISK PHRASE	NA
SAFETY PHRASE	NA

16. OTHER INFORMATION

None

The data sheet was prepared in accordance with Directive 91/155/EEC

MATERIAL SAFETY DATA SHEET

The above information has been gathered from reliable sources and is believed to be correct. However, the information is provided without any warranty, either expressed or implied. MetPrep Ltd. shall not be held liable for any damage resulting from the handling of or contact with the above product.