



MATERIAL SAFETY DATA SHEET

PRODUCT NUMBER: 12 45 08 – 12 45 12

SECTION 1 PRODUCT IDENTIFICATION AND MANUFACTURE

PRODUCT: DIAMOND CUP GRINDING WHEELS
SUPPLIER: METPREP LTD.
CURRIERS CLOSE
CHARTER AVENUE
COVENTRY CV4 8AW
TELEPHONE: 024 7642 1222
FAX: 024 7642 1192

SECTION 2 SUBSTANCE HAZARD IDENTIFICATION

OVERVIEW:

If handled and used for grinding or cutting purposes as indicated, the product presents no critical hazards to man (EC Directive No 88/379).

ODOUR: *No odour*
PHSICAL FORM: *Solid*

POTENTIAL HEALTH HAZRDS:

EYE CONTACT: *Mechanical Irritation.*
Symptoms may include soreness, tears, mechanical abrasion, blurred or hazy vision.

SKIN CONTACT: *Mechanical Irritation.*
Symptoms may include abrasion, soreness, pain, and itching.

INHALATION: *Grinding dust may cause irritation of the respiratory system.*
Symptoms may include cough, sneezing, nasal discharge, nose, and throat pain.

INGESTION: *No adverse effects are expected.*

ENVIRONMENTAL HAZARDS

These products do not leach metals or other hazardous substances at concentrations that can be considered as hazardous waste.

SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

THERMOSETTING RESIN
DIAMOND/CBN
MINERAL FILLERS
ALUMINIUM/STEEL



SECTION 4 FIRST AID MEASURES

- EYE CONTACT:** Rinse with copious amounts of clean water.
If symptoms persist refer for medical attention.
- SKIN CONTACT:** Wash affected area with soap & water.
If symptoms persist refer for medical attention.
- INHALATION:** If symptoms develop remove to fresh air.
If symptoms persist refer for medical attention.
- INGESTION:** No ill effect or requirement for first aid is anticipated.

SECTION 5 FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES

- AUTOIGNITION TEMPERATURE:** N/A
FLASH POINT: N/A
FLAMMABLE LIMITS (LEL): N/A
FLAMMABLE LIMITS (UEL): N/A

EXTINGUISHING MEDIA

Products will not burn. Use Class B extinguishing agents (e.g. Carbon Dioxide, Dry Chemical etc.)

PROTECTION OF FIRE FIGHTERS

Full protective clothing to include helmet, self-contained positive pressure breathing apparatus. Protective covering for exposed areas such as head and hands .

No unusual fire or explosive hazards anticipated.

SECTION 6 ACCIDENTAL RELEASE MEASURES

- PERSONAL PRECAUTIONS:** N/A
ENVIRONMENTAL PRECAUTIONS: N/A



SECTION 7

HANDLING AND STORAGE

HANDLING

These products are regarded as articles under current REACH regulations, there is no intended release of hazardous chemicals when used under normal conditions.

Take measures to prevent mechanical damage.
Avoid breathing grinding dust, Ensure adequate ventilation.

STORAGE

Store in dry area at 10-30 Deg C at less than 65% relative humidity.

INDUSTRIAL HYGENE PRACTICES

Wash face and hands thoroughly with soap & water after use and before eating, drinking, Smoking, applying cosmetics or visiting the lavatory.

SECTION 8

EXPOSURE CONTROL/PERSONAL PROTECTION

ENGINEERING CONTROLS

Provide appropriate local exhaust ventilation (LEV)

PERSONAL PROTECTIVE EQUIPMENT

RESPIRATORY PROTECTION:

Approved respirators depending upon airborne dust concentration.

HAND PROTECTION:

No specific protection required under normal conditions.

EYE PROTECTION:

Wear suitable goggles

SKIN PROTECTION:

No specific protection required under normal conditions.

HEARING PROTECTION:

Required at all times.

EXPOSURE GUIDELINES:

None established.



SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

FORM:	Solid
COLOUR:	
ODOUR:	None as supplied
PH:	N/A
BOLING POINT:	N/A
MELTING POINT:	N/A
THERMAL DECOMPOSTION:	N/A
IGNITION TEMPEARTURE:	N/A
VAPOUR PRESSURE:	N/A at 20 DegC
SPECIFIC GRAVITY:	2-4.5g/cc
BULK DENSITY:	N/A
WATER SOLUBILITY:	Slight
MISCIBILITY IN WATER:	N/A
VISCOSITY:	N/A

SECTION 10 STABILITY AND REACTIVITY PROPERTIES

CONDITIONS TO AVOID:

No hazardous reactions known – avoid heat and humidity.

INCOMPATABILITY:

Strong acids, alkalis and oxidising agents may modify the characteristics of the products and create safety hazards when on the machine.

HAZARDOUS DECOMPOSITION PRODUCTS:

If the products are used in accordance with instructions no hazardous decomposition products are created.

SECTION 11 TOXICOLOGICAL INFORMATION

Not applicable when handled and stored correctly.

Many years of experience have not revealed any adverse effects on health from the use of diamond or CBN abrasives when used correctly.

SECTION 12 ECOLOGICAL INFORMATION

There are no special regulations on degradability testing to be observed.

SECTION 13 DISPOSAL CONSIDERATIONS

Dispose of in a secured sanitary landfill and in accordance with local regulations. These products are not considered as notifiable waste in the UK.

SECTION 14 TRANSPORT INFORMATION

LAND TRANSPORT:	ADR Regulation – Not dangerous goods – full transport RID Regulation – Not dangerous goods – full transport
AIR TRANSPORT:	IATA Class regulation – Not dangerous goods – full transport.
OCEAN TRANSPORT:	IMDG Class regulation – Not dangerous goods – full transport.



SECTION 15	REGULATORY INFORMATION
-------------------	-------------------------------

FIRE HAZARD: *No Hazard*
PRESSURE HAZARD: *No Hazard*
REACTIVITY HAZARD: *No Hazard*
IMMEDIATE HAZARD: *Yes*
DELAYED HAZARD: *No Hazard*
NOTIFICATION STATUS: *EINECS Not required*

SECTION 16	OTHER INFORMATION
-------------------	--------------------------

Prepared in accordance with Directive 91/155/EEC

The above has been assembled from reliable sources and is believed to be correct. It is provided without warranty either express or implied. MetPrep Ltd shall not be held liable for any damage resulting from handling or contact with these products.