

MATERIAL SAFETY DATA SHEET

SECTION 1 - IDENTIFICATION AND COMPANY DETAILS

Product name: MoS₂ Bonded Coating Spray
Product Code(s): TC 46

Manufacturers name: TriboCor Technologies Private Limited
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Mysore 570023, India
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Telephone number: +918212361110, Mobile: +919342589006, +919844092722
(Same number to be used in emergencies)

Date Prepared: 05.08.2013

SECTION 2 - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous Components (specific chemical identity/ Common name): Liquefied petroleum gas

SECTION 3 - HAZARD INFORMATION

Inhalation: Non hazardous
Ingestion: Slightly hazardous.
Skin contact: Irritation may occur. No data on sensitization. May have drying effect,
Eye contact: Irritating to eyes.

SECTION 4 - FIRST AID MEASURES

Skin contact: Remove contaminated clothing and shoes. Immediately flush skin with copious amounts of cold water for at least 10 minutes, then wash with soap and water.

Eye contact: Check for and remove any contact lenses. Immediately flush eyes with copious amounts of water for at least 15 minutes.

Ingestion: Wash out mouth with cold water provided person is conscious. Seek medical advice. Do not induce vomiting unless directed by a physician. 20% Ethanol if ingested in large quantities may cause alcoholic poisoning.

Inhalation: Remove to fresh air. Seek medical advice if symptoms occur.

Always seek medical attention if irritation continues.

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SECTION 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media: Water spray, dry chemical powder or appropriate foam.
Special fire fighting procedures: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.
Unusual fire and explosions hazards: May emit toxic fumes under fire conditions.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Take care floor surface will be slippery at site of spillage.

Wear chemical safety goggles, splash suit, rubber boots and gloves.
Adsorb onto adsorbent paper. In case of large volumes, use sand or other inert material. Prevent spillage from entering drains. Do not touch spilled material. Place in a bag/other appropriate non-hazardous container and hold away from ignition sources/heat for waste disposal. Ventilate area and wash spill site with water after material pickup is complete.

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be taken in the event of spillage or chemical release: Wear suitable protective clothing.

Waste disposal method: Dispose of in accordance with national and local regulations for inert non-hazardous waste material.

Precautions to be taken in Handling and Storage: Store in a cool, dry place (2-30°C) in original sealed containers away from heat sources and sunlight. Avoid contact with strong oxidants and strong acids.

Other Precautions: Do not throw the empty can into the fire, it will explode.

SECTION 8 - EXPOSURE CONTROLS - PERSONAL PROTECTION

Occupation Exposure Limits:

Personal Protective Equipment:

Respiratory System: Wear appropriate respirator when ventilation is inadequate
Skin and Body: Laboratory Coat
Hands: Impervious Gloves
Eyes: Safety glasses or goggles
Other/Special: None required

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SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Fluid
Colour:	Black
Odour:	Typical
Odour Threshold:	No data available
pH:	Not applicable
Boiling Point:	NA
Viscosity @ 40 dc	NA
Flash Point:	Less than 0°C
Fire Hazards in presence of various substances:	Flammable in presence of open flames, sparks and heat
Auto-ignition temperature:	Above 200°C
Explosive Properties:	Explosive due to presence of solvents
Lower explosion limit:	NA
Density:	~ 0.90 g/cc

SECTION 10 - REACTIVITY DATA

Stability:	Stable at normal temperatures and storage conditions.
Conditions to avoid:	Contact with strong oxidants. Heat and flames.
Incompatibility: (materials to avoid)	Contact with strong oxidants and acids
Hazardous decomposition or by-products:	Thermal decomposition may yield oxides of carbon
Hazardous polymerization:	Will not occur

SECTION 11 - TOXICOLOGICAL INFORMATION

The toxicological information for the components is: Non-toxic
Acute effects : None & **Eye irritation.**: Causes skin irritation.
 Material is irritating to mucous membranes.
 May be harmful by ingestion or if contacted with skin.
 To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

SECTION 12 - ECOLOGICAL INFORMATION

Non toxic in nature .

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SECTION 13 - DISPOSAL CONSIDERATIONS

This material is not regarded as hazardous waste.
Burn in a chemical incinerator equipped with an afterburner and scrubber. Observe all federal, state and local environmental regulations.

SECTION 14 - TRANSPORT INFORMATION

Non-hazardous for road & sea

SECTION 15 - REGULATORY INFORMATION

IRRITANT

Safety Phrases: S16 Keep away from sources of ignition
S24/25 Avoid contact with skin and eyes
In case of contact with eyes, rinse immediately with plenty of water
S26 and seek medical advice.
S36/37/39 Wear suitable protective clothing, gloves and eye/face protection
Flammable material

Risk Phrases: R36/37/38 Irritating to eyes, respiratory system and skin

Regulations: The Chemicals (Hazard Information and Packaging for Supply) regulations 2002.

SECTION 16 - OTHER INFORMATION

Issue Number: 1
Issue Date: 05.08.2013
Effective Date: 05.08.2013
Changes to Issue: Updated

Notice to Reader:

To the best of our knowledge the information contained herein is accurate.

TriboCor will not take assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of the suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein we cannot guarantee that these are the only hazards that exist.

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