

MATERIAL SAFETY CUM DATA SHEET

Effective Date--- 08 August 2016

MAGNESIUM RIBBON COILS

Section 1. ---- NAME AND MANUFACTURER DETAIL

Product Name---- Magnesium Ribbon

Product Identification Number----- Rajat 001

Manufacturer Detail-----

RAJAT INDUSTRIES,

GHATIA GATE, CHANDAUSI-244412, DISTT—SAMBHAL (U.P.) INDIA

MOBILE PHONE NUMBER-- + 91 9412310958 / 9193213958

SUPPLIER DETAIL-----

SAME AS MANUFACTURER

SECTION 2. HAZARD DETAIL-----

Classification of the substance-----

Flammable solid---- category 1.

Flammable gases---- category 1.

Emits flammable gas when contact in water

Hazard statements----- catches fire when exposed to air and releases flammable

Gases may ignite some times.

Precautionary statements-----

Keep the product in tight container or label in hand

Keep out of reach of children

Keep away from heat, spark, open flame and hot surface and don't allow
air when heating

Protect from moisture and handle under inert gas.

Store in a dry place and closed container.

SECTION -- 3

INGREDIENTS

CAS 7439-95-4

SECTION – 4 FIRST AID AND MEASURES

SKIN CONTACT---wash with soap with water and seek medical help if irritation

Continues

EYE CONTACT-----protect unaffected eye then wash effected area with water for

At least 15 minutes

Also take medical attention in case of discomfort, irritation or if vomiting persists and short breathing

SECTION – 5 FIRE FIGHTING MEASURES

Extinguishing Agents---- dry powder, Carbon dioxide extinguishers should be

Used in case of special hazardous conditions.

Avoid dust formation, thermal decomposition.

Avoid contact with eye, skin, and clothes

SECTION – 6 ACCIDENTAL RELEASE METHODS

PERSONAL PRECAUTION PROTECTIVE EQUIPMENT AND EEMERGENCY PROCEDURES-----

Proper air ventilation system should be perfect by all means.

Area should be prevented from drains sewer or water way.

The dust should be cleaned by vacuum cleaner or a wet brushing.

Wear protective eye wears, clothing and gloves

SECTION--- 7 HANDLING AND STORAGE

Precaution for safe handling---

Prevent skin contact contact with eyes and clothing when handling the material, don't eat drink and smoke

STORAGE-----

Store the contents under inert gas always keep away from moisture or freezing equipments and keep container tightly sealed.

SECTION--8. Personal Protection

1. Hand showers for washing eyes should be in easy approach in emergency.
2. Eye safety glasses , proper gloves and clothing and full face particle respirators should be necessary when handling or working with the substance.
3. Exhaust ventilation system is the must to expel moisture

SECTION ---9 PHYSICAL AND COMMERCIAL PROPERTIES

Colour----- Silvery white
Odour----- None
Melting point--- 658 degree centigrade
Boiling point----1200 degree centigrade
Flammability---- Flammable
Vapour Density----Not Known
Solubility----- Insoluble in water
Relative density-----1.7389 g / cm³at 25 degree centifrade
Ignition Temperature---- Not Known

SECTION 10. REACTIVITY AND STABLITY FACTORS

REACTIVITY----- Reacts with water
Chemical stability---- Stable in normal behaviour
Hazard Reaction----- generates flammable gas with the contact in water
Sensivity---- With Air and water moisture
Oxidizing material----- Acids, acid chlorides etc.

SECTION 11. TOXICOLOGICAL INFORMATION

No Information on any kind of toxicity

SECTION 12. TRANSPORT INFORMATION

UN NO. -----	1869
UN SHIPPING NAME--	MAGNESIUM
Transportation hazard class-----	4.1
Packing group---	III

SECTION 13. REGULATORY INFORMATION

CAS 7439-95-4 MAGNESIUM
Listed in TSCA and DSL

SECTION -14. OTHER INFORMATIONS

This material has been classified under hazard criteria of the controlled products regulations and the SDS contains all the information required by the Controlled products regulations.

Note-----

- 1. The responsibility to provide a safe work place will be of the user.**
- 2. The user should be well known to the health hazard, and safety information to take as indicated above.**
- 3. The user is also responsible to instruct employees for a safe environment.**

The information contained herein is, to the best of our knowledge and belief. However since the conditions of handling and use are beyond our control, we cannot make guarantee of the result, and assume no liability of the results for damaged incurred by the use of this material.

Hence this is the responsibility o the user to fulfil all the applicable , precautions and laws which may concern to this material.

RAJAT INDUSTRIES

GHATIA GATE, CHNDAUSI-244412, DISTRICT- SAMBHAL (U.P.) INDIA

DATED----- 08/08/2016

OTHER CLASSIFICATION-----

Health----- 1

Flammability-----1

Physical Hazard----- 1