

MATERIAL SAFETY DATA SHEET

Revised Date: 2013/11/26

PRODUCT NAME MIRACLE SUPER TAPPING (SPRAY)

1. IDENTIFICATION OF THE SUBSTANCE OR MIXTURE AND OF THE SUPPLIER

PRODUCT IDENTIFIER : Miracle Super Tapping Spray

MANUFACTURER : Suzuki Yushi Industrial Co., Ltd.

††ADDRESS : 1-8-23, Shimoshinjo, Higashiyodogawa-ku, Osaka, 533-0021, Japan

††TELEPHONE NUMBER: (06)6326-1118

2. HAZARDS IDENTIFICATION

GHS CLASSIFICATION :

Flammable aerosol: Category 1

Acute toxicity(mist) : Category 4

Skin corrosion/irritation: Category 3

Serious eye damage/ irritation: Category 2B

Specific target organ systemic toxicity Single exposure: Category 3

Other hazards: Not applicable, Not classified, or No data available

HAZARD SYMBOL :



HAZARD STATEMENTS : Warning

PRECAUTIONARY STATEMENTS :

Avoid release to the environment if this is not the intended use.

Do not breathe dust/fume/gas/mist/vapours/spray.

Keep away from ignition sources such as heat/sparks/open flame. -No smoking.

Keep container tightly closed.

Take precautionary measures against static discharge.

Use only non-sparking tools.

Wear protective gloves and eye/face protection as specified by the manufacturer/supplier or the competent authority.

Do NOT induce vomiting.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing.

IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.

IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

Wash hands after handling

Store container tightly closed in well-ventilated place if product is as volatile as to generate hazardous atmosphere.

Store in cool/well-ventilated place.

Store locked up.

Dispose of contents to the located point.(in accordance with local/regional/national/international regulation).

3. COMPOSITION/INFORMATION ON INGREDIENTS

PURE SUBSTANCE OR MIXTURE: MIXTURE : Mixture

INGREDIENT: Fatty acid, Mineral oil, Additives, Phosphorus compound, Sulfur compound, Chloride, Propane, Butane

4. FIRST AID MEASURES

GENERAL ADVICE : Wash off immediately with soap and plenty of water. In the case of respirable dust and/or fumes, use self-contained breathing apparatus and dust impervious protective suit. Use personal protective equipment.

INHALATION : Move victim to fresh air. If breathing is difficult, give oxygen. If breathing has stopped, administer artificial respiration. Maintain normal body temperature with a blanket. If irritation persists, transport to a hospital immediately.

SKIN CONTACT : Remove contaminated clothes and shoes, rinse skin with plenty of water or shower. Use soap to help assure removal. If irritation persists, consult a physician.

EYE CONTACT : Remove any contact lenses at once. Flush eyes well with flooding amounts of running water for at

least 15 minutes. Assure adequate flushing by separating the eyelids with sterile fingers. If irritation persists, transport to a hospital immediately.

INGESTION : Rinse mouth, give plenty of water to dilute the substance. Do not induce vomiting. Never give anything by mouth to an unconscious person. Transport to a hospital immediately.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA : Carbon dioxide, dry chemical powder, foam

FIRE & EXPLOSION HAZARDS : Flammable liquid. Hazardous toxic and irritating fumes or smoke may be emitted. Vapors may travel considerable distance to ignition source and flash back.

SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS : Firemen should wear normal protective equipment(full bunker gear)and positive-pressure self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS : Remove ignition sources and ventilate the area. In case of insufficient ventilation, wear suitable respiratory equipment. Avoid contact with skin and eyes.

ENVIRONMENTAL PRECAUTIONS : Prevent spills from entering sewers, watercourses or low areas.

METHODS FOR CLEANING UP : Do not touch spilled material without suitable protection(See section 8). Take up spilled material with ashes or other absorbents. After material is completely picked up, wash the spill site with soap and water and ventilate the area. Put all wastes in a plastic bag for disposal and seal it tightly. Remove, clean, or dispose of contaminated clothing.

7. HANDLING AND STORAGE

PRECAUTION FOR SAFE HANDLING : Avoid contact with eyes, skin and clothing. Avoid prolonged or repeated exposure. Handle material with suitable protection away from source of heat or ignition and use non-sparking type tools. Use explosion-proof electrical equipments and lighting.

CONDITIONS FOR SAFE STORAGE : Store away from sunlight in well-ventilated dry place at room temperature (preferably cool place). Keep container tightly closed.

See also the indication described on label for handling.

INCOMPATIBILITIES : Oxidizers and halogens

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING MEASURES : Use exhaust ventilation to keep airborne concentrations below exposure limits. Use only with adequate ventilation.

9. PHYSICAL AND CHEMICAL PROPERTIES

DECOMPOSITION TEMPERATURE : Not available

10. STABILITY AND REACTIVITY

CONDITIONS TO AVOID : Sunlight, heat, open flames, high temperature, sparks, static electrical charge, other ignition sources

INCOMPATIBLE MATERIALS : Oxidizers and halogens

HAZARDOUS DECOMPOSITION PRODUCTS : Carbon monoxide may be formed.

11. TOXICOLOGICAL INFORMATION

SKIN CORROSION/IRRITATION : Not available

RESPIRATORY OR SKIN SENSITIZATION : SKIN SENSITIZATION ; guinea pig, negative by Maximisation Test(EU-RAR 2003)

GERM CELL MUTAGENICITY : Not available

TOXIC TO REPRODUCTION : Not available

STOST-REPEATED EXPOSURE : Not available

ASPIRATION TOXICITY : Not available

CARCINOGENICITY : Not available

12. ECOLOGICAL INFORMATION

BIOACCUMULATION POTENTIAL : Not available

MOBILITY IN SOIL : Not available

13. DISPOSAL CONSIDERATION (INCLUDING CONTAINER)

Burn in small portion in a chemical incinerator equipped with an afterburner and scrubber in accordance with all applicable regulations. Any disposal practice must be in compliance with country, local, state, and federal laws and regulations (contact country, local or state environmental agency for specific rules).

After contents are completely removed, dispose of its container at hazardous or special waste collection point. (in accordance with local/regional/national/international regulation).

14. TRANSPORT INFORMATION

Not specified

15. REGULATORY INFORMATION

Not specified

16. OTHER INFORMATION INCLUDING INFORMATION ON PREPARATION AND REVISION OF THE SDS

No specific notes

The above information is believed to be correct to be the best of our knowledge and information but does not purport to be all inclusive and shall be used only as a guide. Suzuki Yushi shall not be held liable for any damage resulting from handling or from contact with the above material.