1. PRODUCT AND COMPANY IDENTIFICATION

1.1 Product identifiers

Product Name : Smart Tooling™ Material

1.2 Relevant identified uses of the substance or mixture and uses advised against

Recommended Use : For Industrial and Research/Development use only

1.3 Details of the supplier of the safety data sheet

Company : Spintech, LLC
1150 S. Patton St.
Xenia, OH 45385
Telephone : 937-912-3250

1.4 Emergency telephone number

Emergency Phone : N/A – Not classified as a hazardous material

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

GHS Classification in accordance with 29 CFR 1910.1200 (OSHA HCS)

This product is an “article” and therefore not subject the HCS 2012 SDS and labeling requirements. There are no known physical or health hazards.

2.2 GHS Label elements, including precautionary statements

Pictogram: not applicable
Signal word: not applicable
Hazard statement(s): not applicable
Precautionary statement(s): not applicable

2.3 Hazards not otherwise classified (HNOC) or not covered by GHS

Upon machining or cutting, material may be irritating to the nose and throat. May cause eye or skin irritation. May be harmful if swallowed.

3. COMPOSITION/INFORMATION ON INGREDIENTS

The article is a cured, non-reactive, polymer-based composite. There are no known hazardous materials present to the user under normal use.

4. FIRST AID MEASURES

4.1 Description of first aid measures

General advice
Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

If inhaled
If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

In case of skin contact
If in contact with article, wash with soap and water. Consult a physician if symptoms develop.

In case of eye contact
Flush eyes with copious amounts of water for at least 15 minutes.

**If swallowed**
Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

4.2 **Most important symptoms and effects, both acute and delayed**
The known symptoms and effects are described in the sections 2 and 11.

4.3 **Indication of any immediate medical attention and special treatment needed**
No data available

5. **FIRE-FIGHTING MEASURES**

5.1 **Extinguishing media**
Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 **Special hazards arising from the substance or mixture**
Carbon oxides, nitrogen oxides (NOx).

5.3 **Advice for firefighters**
Wear self-contained breathing apparatus for firefighting if necessary.

5.4 **Further information**
No data available

6. **ACCIDENTAL RELEASE MEASURES**

6.1 **Personal precautions, protective equipment and emergency procedures**
Use personal protective equipment. Avoid dust formation. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust. For personal protection see section 8.

6.2 **Environmental precautions**
Do not let product enter drains, water courses, or the soil.

6.3 **Methods and materials for containment and cleaning up**
Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

6.4 **Reference to other sections**
For disposal see section 13.

7. **HANDLING AND STORAGE**

7.1 **Precautions for safe handling**
Use personal protective equipment. Avoid or minimize formation and accumulation of dust. Avoid contact of dust with skin and eyes. Provide appropriate exhaust ventilation at places where dust is formed. Dry powders can build static electricity charges when subjected to friction. Use normal measures for preventive fire protection.

7.2 **Conditions for safe storage, including any incompatibilities**
No special storage conditions exist.

7.3 **Specific end use(s)**
Apart from uses mentioned in section 1, no other specific uses are stipulated
8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters

Components with workplace control parameters
N/A

8.2 Exposure controls

Appropriate engineering controls
Handle in accordance with good industrial hygiene and safety practice. Provide appropriate exhaust ventilation at places where dust, vapor or mist is formed. Wash hands before breaks and at the end of workday.

Personal protective equipment

Eye protection
Safety glasses with side-shields conforming to EN 166 or ANSI Z87.1.

Skin protection
Handle with gloves as needed. Wash and dry hands after use.

Body protection
Wear protective clothing as needed.

Respiratory protection
For nuisance exposures use type P95 (US) or type P1 (EU EN 143) particle respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Properties

a) Appearance Form: Solid article
Color: Black
b) Odor No odor
c) Odor Threshold No data available
d) pH No data available
e) Melting point/freezing point No data available
f) Initial boiling point and boiling range No data available
g) Flash point No data available
h) Evaporation rate No data available
i) Flammability (solid gas) No data available
j) Lower explosivity limit No data available
k) Vapor pressure No data available
l) Vapor density No data available
m) Relative density No data available
n) Water solubility No data available
o) Partition coefficient: n-octanol/water No data available
p) Auto-ignition temperature No data available
q) Decomposition temperature No data available
r) Viscosity No data available
s) Explosive properties No data available
t) Oxidizing properties No data available

9.2 Other data
No data available
10. STABILITY AND REACTIVITY

10.1 Reactivity
Stable.

10.2 Chemical stability
Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions
No data available

10.4 Conditions to avoid
Excessive heat: temperatures above 400 °C (752 °F). Open flame.

10.5 Incompatible materials
Strong oxidizing agents

10.6 Hazardous decomposition products
Other decomposition products - No data available
In the event of fire: see section 5

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity
Oral: No data available
Inhalation: No data available
Dermal: No data available

Skin corrosion/irritation
No data available

Serious eye damage/eye irritation
No data available

Respiratory or skin sensitization
No data available

Germ cell mutagenicity
No data available

Carcinogenicity
No data available

Reproductive toxicity
No data available

Specific target organ toxicity - single exposure
No data available

Specific target organ toxicity - repeated exposure
No data available

Aspiration hazard
No data available

Acute Symptoms:
May be irritating to the nose and throat upon inhalation. Material may be irritating to the mucous membranes and upper respiratory tract. Eye or Skin contact may cause irritation. May be harmful if swallowed.
Additional Information
RTECS: Not available
To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated

12. ECOLOGICAL INFORMATION

12.1 Toxicity
No data available

12.2 Persistence and degradability
No data available

12.3 Bioaccumulative potential
No data available

12.4 Mobility in soil
No data available

12.5 Results of PBT and vPvB assessment
PBT/vPvB assessment not available as chemical safety assessment not conducted

12.6 Other adverse effects
No data available

13. DISPOSAL INFORMATION

13.1 Waste treatment methods

Product
Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material.

Contaminated packaging
Dispose of as unused product.

14. Transportation Information

DOT (US)
Not dangerous goods

IMDG
Not dangerous goods

IATA
Not dangerous goods

15. Regulatory Information

California Proposition 65: This article may contain residual levels of precursor reactants that are on the Proposition 65 list.

No other information available
16. OTHER INFORMATION

Further information

Prepared By:
Spintech Holdings, Inc.

Revision:
27 October 2020

General Disclaimer:
The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state or our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Spintech Holdings, Inc., shall not be held liable for any damage resulting from handling or from contact with the above product.

End of Safety Data Sheet