# Safety Data Sheet TraSys 4000 RotoFlow



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# 1. IDENTIFICATION

Stoner Incorporated 1070 Robert Fulton Hwy. Quarryville, PA 17566 1-800-227-5538 Product Name: RotoFlow
Product Code: TraSys 4000
Product Use: Mold Release

24-hour emergency phone: 1-800-424-9300 [CHEMTREC]

#### 2. HAZARD IDENTIFICATION

POTENTIAL HEALTH EFFECTS

Classification of the chemical in accordance with paragraph (d) of §1910.1200;

GHS Hazard Symbols







GHS Classification

Flammable Aerosol Category 1 Gases under pressure - Liquified Gas Aspiration Hazard Category 1 Skin Corrosion/Irritation Category 2

Specific Target Organ Systemic Toxicity (STOT) - Single Exposure Category 3

Signal Word

**Hazard Statements** Extremely flammable aerosol.

Contains gas under pressure; may explode if heated. May be fatal if swallowed and enters airways.

Causes skin irritation.

May cause drowsiness or dizziness.

**Precautionary Statements** 

**Prevention** Keep away from heat/sparks/open flames/hot surfaces. – No smoking.

Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use. Avoid breathing dust/fume/gas/mist/vapours/spray.

Wash thoroughly after handling.

Use only outdoors or in a well-ventilated area.

Wear protective gloves/protective clothing/eye protection/face protection.

Response IF SWALLOWED: Immediately call a POISON CENTER/doctor/....

IF ON SKIN: Wash with plenty of soap and water.

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

Call a POISON CENTER or doctor/physician if you feel unwell.

Specific treatment (see  $\dots$  on this label).

Do NOT induce vomiting.

If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse.

Storage Store in a well-ventilated place. Keep container tightly closed.

Store locked up.

Protect from sunlight. Store in a well-ventilated place.

Protect from sunlight. Do no expose to temperatures exceeding 50°C/ 122°F.

Disposal Dispose of contents/container in accordance with local/regional/national/international regulation for hazardous wastes.

# 3. COMPOSITION/INFORMATION ON INGREDIENTS

 COMPONENT
 CAS #
 Percent

 Aliphatic hydrocarbon
 142-82-5
 40 - 60

 Hydrocarbon propellant
 68476-86-8
 20 - 40

 2-propanone
 67-64-1
 1-20

HMIS® III\* HAZARDOUS WARNINGS:

Health: 1 Flammability: 4 Physical: 0 Personal See Section 8

Protective Equipment:

#### 4. FIRST AID MEASURES

Eyes: Immediately flush eyes gently with plenty of water for at least 15 minutes while holding eyelids apart. If symptoms persist or there

is visual difficulty, seek medical attention.

Skin Contact: In case of contact, immediately wash contaminated area with plenty of water for at least 15 minutes. Seek medical attention if

symptoms persist. Wash clothing before reuse. For liquid contact, treat for frostbite if necessary.

Ingestion: Do not induce vomiting. Aspiration into the lungs can cause serious damage. Contact a physician, medical facility, or poison

control center immediately. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into lungs.

Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek immediate medical

attention. Continue your efforts until help arrives or the victim starts to breathe on his own. Do not leave victim alone.

#### NOTES TO PHYSICIAN:

This material is an aspiration hazard. Potential danger from aspiration must be weighed against possible oral toxicity when deciding whether to induce vomiting. Because of possible disturbances of cardiac rhythm, catecholamine drugs, such as epinephrine, should be used only in situations of emergency life support. Preexisting disorders of the following organs (or organ systems) may be aggravated by exposure to this material: skin; lung (for example, asthma-like conditions); kidney; central nervous system; auditory system; arrhythmias (irregular heartbeats); liver; blood forming system;

#### 5. FIRE FIGHTING MEASURES

Fire and/or Explosion Hazards: This product contains a component(s) that is considered a flammable liquid, which has vapors that are heavier

than air and may travel along the ground or be moved by ventilation and ignited by heat, pilot lights, or other flames and ignition sources at locations distant from the material's handling point. This product contains a component(s) that is considered an extremely flammable gas(es), which has vapors that are heavier than air and may travel along the ground or be moved by ventilation and ignited by heat, pilot lights, or other flames and ignition sources at locations distant from the material's handling point."Empty" containers retain product residue

and can be dangerous

Fire Fighting Instructions: Use CO2, foam or dry chemical. Water is generally not effective and may spread fire; however, water spray may

be used from a safe distance to cool closed containers and protect surrounding area.

# 6. ACCIDENTAL RELEASE MEASURES

#### STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:

Ventilate contaminated area. Remove all sources of ignition. Wear appropriate personal protective equipment (PPE). Stop or reduce discharge if it can be done safely. Avoid run-off into storm sewers and ditches which may lead to natural waterways. If runoff occurs, notify authorities as required. Clean up with absorbent material. Place absorbent materials into container and close it tightly. Dispose of container properly.

# 7. HANDLING AND STORAGE

Handling: Do not use near ignition sources. Normal precautions common to safe manufacturing practice should be followed in handling and storage.

This material can be harmful or irritating. Avoid prolonged or repeated contact with skin. Avoid prolonged or repeated breathing of vapor. Use with adequate ventilation. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, static electricity, or other sources of ignition; they may explode and cause injury or death. Use with adequate ventilation. If ventilation is not sufficient, wear proper respiratory equipment. Do not store containers in excessive heat or direct sunlight. Protect container against

physical damage.

Storage: Store in a cool, dry, well ventilated area away from all sources of ignition. Empty container may contain residues which are hazardous.

Normal precautions common to safe manufacturing practice should be followed in handling and storage. Do not store at temperatures above 120 degrees F. Store away from incompatible materials such as materials that support combustion (oxidizing materials) and

corrosive materials (strong acids or bases).

<sup>\*</sup> See www.paint.org/hmis or call the NPCA at 1 (202) 462-6272 for more information on this current rating system.

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls: Ventilation should be adequate to prevent exposures above the limits indicated below in this section of the MSDS (from

known, suspected or apparent adverse effects). Ventilation is required to maintain operator exposure below published

exposure limits. Local exhaust should be used in areas where exposure limits may be exceeded.

Eye Protection: Wear chemically resistant safety glasses with side shields when handling this product. Wear additional eye protection such as

chemical splash goggles and/or face shield when the possibility exists for eye contact with splashing or spraying liquid or

airborne material. Do not wear contact lenses. Have an eye wash station available.

The use of chemically resistant gloves is recommended if there is any possibility of prolonged or repeated liquid contact with Skin Protection:

A supplied air respirator should be used if ventilation is not sufficient to maintain exposure limits. Use NIOSH approved Respiratory Protection:

respirator where there is likelihood of inhalation of the product mist, spray or aerosol.

ACGIH TLV COMPONENT CAS# **OSHA PEL** OTHER Aliphatic hydrocarbon 142-82-5 Not established 400 ppm 400 ppm Hydrocarbon propellant 1000ppm Not established 68476-86-8 Not established 67-64-1 500 ppm TWA Not established Not established 2-propanone

# 9. PHYSICAL AND CHEMICAL PROPERTIES

Lower Flammability Limit (%): Not applicable Physical State: Aerosol can Appearance: Clear Colorless Upper Flammability Limit (%): Not applicable Odor: Light Hydrocarbon Vapor Pressure (PSIG @ 70°F): 0.67 Odor Threshold: Mild Vapor Density [air = 1]: 2.86

pH: Not applicable Relative Density (H2O=1): 0.72

Solubility in Water: Melting/Freezing Point (°F): -137Not determined

No data available Partial Coefficient: n-Boiling Point (°F):

octanol/water:

Autoignition Temperature (°F): Not applicable Flash Point (°F PMCC): Not applicable Evaporation Rate: 2-10 (n-Butyl acetate = 1) Decomposition Temperature (°F): No data available

Flammability (solid, gas): No data available Viscosity, dynamic (cSt): 0.3 Percent VOCs (%): 70-90

# 10. STABILITY AND REACTION

Chemical Stability: Stable.

Conditions to Avoid: Avoid contact with: Ignition sources such as open flames, sparks, static discharges or glowing metal surfaces. Strong

oxidizing agents. Acids.

Decomposition Products: Burning can produce the following combustion products: Carbon dioxide and carbon monoxide. Various hydrocarbons.

#### TOXICOLOGICAL INFORMATION

Reproductive & Developmental No data available.

Toxicity:

CHRS5000T6X1 2-propanone

CAS# **Toxicological Data** Ingredient

Aliphatic hydrocarbon 142-82-5 Dermal LD50 Rat > 2000 mg/kg

Oral LD50 Rat 5000 mg/kg

Inhalation LC50 (4h) Rat = 74 mg/L Hydrocarbon propellant

68476-86-8 No data available

Inhalation LC50 (4h) Rat 658 mg/L

Oral LD50 Rat > 3000 mg/kg

67-64-1 Dermal LD50 Rat > 7426 mg/kg

Oral LD50 Rat = 5800 mg/kg Inhalation LC50 (4h) Rat > 76 mg/L

# 12. ECOLOGICAL INFORMATION

No data available **Ecological Toxicity:** Mobility: No data available Degradability: No data available.

Ingredient CAS# **Toxicological Data** 

Aliphatic hydrocarbon 142-82-5 Aquatic LC50 (24h) MINNOW 4 mg/L

48HR EC50 Daphnia 1.5 mg/L

Aquatic LC50 (48h) Rainbow Trout = 6100 mg/L 2-propanone 67-64-1

48HR EC50 Daphnia = 7630 mg/L

#### 13. DISPOSAL CONSIDERATIONS

Disposal: Dispose according to Federal, State and local regulations.

# 14. TRANSPORTATION INFORMATION

Agency	UN Number	Proper Shipping name	Hazard Class	Packing Group
DOT	UN1950	Aerosols, Flammable†	2.1	Not applicable
IATA	ID8000	Consumer Commodity†	9	Not applicable
IMDG	UN1950	Aerosols, Flammable†	2.1	Not applicable

<sup>† &</sup>quot;Limited Quantities" may be applicable for this transportation mode.

# 15. REGULATORY INFORMATION

Warning: This product contains the following chemicals that are subject to reporting requirements for the following regulatory bodies listed below:

COMPONENT CAS # % BY WEIGHT Regulatory Body
No components listed in this section. SARA Section 313

Warning: This product may contain chemicals known to the State of California to cause cancer. See list below.

No components listed in this section. Prop65 Cancer

Warning: This product may contain chemicals known to the State of California to cause birth defects. See list below.

No components listed in this section. Prop65 Birth Defects

All components of this product are listed on the TSCA inventory.

# 16. OTHER INFORMATION

Other Information: MSDS Prepared by L. Dean Swartz, MSDS Coordinator

Version Date: 05/28/15

This information contained in this MSDS is believed to be accurate as of the version date, but is not warranted to be. Since the use of this information and the conditions of use of this product are not within the control of Stoner Inc, it is the user's obligation to determine the conditions of safe use.