



TCS Mold Release Spray

Safety Data Sheet

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Revision date: 01/07/2021

Version: 2

SECTION 1: Identification

1.1. Product identifier

Product name : TCS Mold Release Spray
Product code : 3814-01
Product form : Liquid
Other means of identification : Spray Lubricant

1.2. Details of the supplier of the safety data sheet

Thermoplastic Comfort Systems, Inc
2619 Lime Ave.
Signal Hill, CA 90755
(562)-426-2970

1.3. Emergency telephone number

1-800-424-9300 (CHEMTREC)

SECTION 2: Hazards identification

POTENTIAL HEALTH EFFECTS

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

GHS Hazard Symbols



GHS Classification

Gases under pressure – Liquefied Gas
Flammable Aerosol Category 2

Signal Word

Warning

Hazard Statement

Flammable aerosol.
Contains gas under pressure ; may explode if heated

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.

Storage

Protect from sunlight. Store in a well-ventilated place.
Protect from sunlight. Do not expose to temperatures exceeding 50 deg C / 122 deg F.

SECTION 3: Composition/information on ingredients

3.1. Substance

Component:	CAS#	Percent
Halogenated hydrocarbon/ether blend	Mixture	80-100

HMIS® III* HAZARDOUS WARNINGS:

Health: 1 Flammability: 2 Physical: 2 Personal Protective Equipment: See Section 8

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- See www.paint.org/hmis or call the ACA at 202-462-6272 for more information on this current rating system.

SECTION 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. For liquid contact, treat for frostbite is necessary. Seek medical attention if symptoms persist. Wash clothing before reuse.
Ingestion:	Ingestion is an unlikely route of exposure. Contact a physician, medical facility, or poison control center for advice on whether to induce vomiting. Never give anything by mouth if victim is rapidly losing consciousness or is unconscious or convulsing.
Inhalation:	Remove to fresh air. If not breathing, give artificial respiration. If breathing, give oxygen. Seek immediate medical attention.

NOTE TO PHYSICIAN:

Because of possible disturbances of cardiac rhythm, catecholamine drugs, such as epinephrine, should be used only if situations of emergency life support.

SECTION 5: Firefighting measures

Fire and/or explosion Hazards :	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 materials's handling point. Containers may rupture or explode under fire conditions.
Fire Fighting Instructions :	Use CO ₂ , 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.

SECTION 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. Clean up with absorbent material. Place absorbent materials into container and close it tightly. Dispose of container properly. If runoff occurs, notify authorities as required.

SECTION 7: Handling and Storage

Handling :	Use with adequate ventilation. Do not use near ignition sources. Avoid prolonged or repeated contact with skin. Avoid prolonged or repeated breathing of vapor. May cause frostbite.
Storage :	Store in a cool, dry, well ventilated area away from all sources of ignition. Do not store at temperatures above 122 deg F. Empty container may contain residues which are hazardous. Store away from incompatible materials such as materials that support combustion (oxidizing materials) and corrosive materials (strong acids or bases). Store away from oxygen cylinders or other oxidizing materials and possible ignition sources. Ground all equipment and cylinders before use.

SECTION 8 : Exposure Controls / Personal Protection

Engineering Controls :	Ventilation should be adequate to prevent exposures above the limits indicated below in this section of the SDS (from known, suspected or apparent adverse effects).
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. Have an eye wash station available.

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

Respiratory Protection : A supplied air respirator should be used if ventilation is not sufficient to maintain exposure limits. Use NIOSH approved respirator where there is likelihood of inhalation of the product mist, sprya or aerosol.

Component:	CAS#	ACGIH TLV	OSHA PEL	OTHER
Halogenated hydrocarbon/ether blend	Mixture	Not established	Not established	1000ppm TWA (Mfr)

SECTION 9: Physical and Chemical Properties

Physical state : Liquid in aerosal can

Appearance : Clear colorless

Color : Clear colorless

Odor : Slight ethereal

Odor Threshold : No data available

pH : Not applicable

Relative evaporation rate (butylacetate=1) : 0.5-2 (n-Butyl acetate = 1)

Melting point : No data available

Freezing point : No data available

Boiling point : Not applicable

Flash point : No data available

Auto-ignition temperature : No data available

Decomposition temperature : No data available

Flammability (solid, gas) : No data available

Vapour pressure : 78.00 PSIG @ 70degF

Relative vapour density : Air=1 / 1.98

Relative density : No data available

Solubility : Water: Negligible

Log Pow : No data available

Log Kow : No data available

Viscosity, kinematic : Not applicable

Viscosity, dynamic : Not applicable

Explosive properties : No data available

Oxidising properties : No data available

Explosive limits : No data available

SECTION 10: Stability and reactivity

Chemical stability : Stable

Conditions to avoid : Avoid contact with : Alkali. Alkaline earth metals. Freshly abraded aluminum surfaces. Powdered metals. Ignition sources, such as open flames, sparks, static discharges or glowing metal surfaces. Oxidizers, Acetic acids Organic acid anhydrides.

Decomposition Products : This material can be decomposed by extremely high temperatures forming hydrofluoric acid and carbonyl fluoride. If heated with peroxide present, violent decomposition can occur. Burning can produce the followin combustion products: Carbon dioxide and carbon monoxide. When heated to temperatures above 150 deg C in the presence of are, one of the ingredients in this product can form formaldehyde vapors. Formaldehyde vapor is harmful by inhalation; irritating to eyes; sensitizer to the respiratory system, an acute toxicant and a potential cancer hazard at concentrations greater than 0.75 ppm.

SECTION 11: Toxicological information

Reproductive & Develpomental Toxicity : No data available

IARC Carcinogen Designation : No data available

Ingredient	CAS#	Toxicological Data
01/07/2021		TCS Mold Release Spray

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No data available

SECTION 12: Ecological information

Toxicity: No additional information available

Mobility in soil: No additional information available

Ingredient	CAS#	Toxicological Data
Ether propellant	115-10-6	48HR NOEC GUPPIES > 4000 MG/L 48HR NOEC DAPHNIA > 4000 MG/L No data available

SECTION 13: Disposal considerations

Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.

SECTION 14: Transport information

Agency	UN Number	Proper Shipping Name	Hazard Class	Packing Group
DOT	UN1950	Aersols, Flammable*	2.1	Not applicable
IATA	ID8000	Consumer Commodity*	9	Not applicable
IMDG	UN1950	Aersols, Flammable*	2.1	Not applicable

Limited Quantities may be applicable for this transportation mode.

SECTION 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
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No components listed in this section

Toxic Substance Control Act

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

California Proposition 65

This product does not contain any substances known to the state of California to cause cancer and/or reproductive harm.

SECTION 16: Other information

Indication of changes : Revision 2.0: New SDS Created.

Revision date : 01/07/2021

Other information : Author: MSP.

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