SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Touch Up

OTHER MEANS OF IDENTIFICATION: Not applicable.

GENERAL USE: For professional drycleaning use only.

PRODUCT DESCRIPTION: Aerosol Stain Removal Agent.

MANUFACTURER

R. R. Street & Co. Inc.
215 Shuman Boulevard/Suite 403
Naperville, IL 60563

Product Information: 800-323-7206 (USA & Canada only) **or** 630-416-4244

24 HR. EMERGENCY TELEPHONE NUMBERS

Medical Emergency: 866-303-6947 (USA & Canada only) **or** 651-632-9272

Transportation Emergency: 800-424-9300 (USA & Canada only) **or** 703-527-3887

2. HAZARDS IDENTIFICATION

GHS CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

Flammable Aerosols: Category 1
Gases Under Pressure – Dissolved Gas
Aspiration Hazard: Category 1

GHS LABEL ELEMENTS

Symbol(s):



Signal Word: Danger

Hazard Statements:

H222 – Extremely flammable aerosol.
H280 – Contains gases under pressure, may explode if heated.
H304 – May be fatal if swallowed and enters airways.

Precautionary Statements:

P210 – Keep away from heat/sparks/open flames/hot surfaces. – No smoking.
P211 – Do not spray on an open flame or other ignition source
P251 – Pressurized container: Do not pierce or burn, even after use.
P281 – Use personal protective equipment as required.
P301+P310+P331 – IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting.
P403 – Store in a well-ventilated place.
P405 – Store locked-up
P410 – Protect from sunlight.
P412 – Do not expose to temperatures exceeding 50°C/122°F.
P501 – Dispose of contents/container in accordance with local/regional/national/international regulations.

Other Hazards: None known.
Unknown Acute Toxicity: Not applicable.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS#
Hexamethyldisiloxane	30 - 60	107-46-0
Pentane	10 - 30	109-66-0
Silicon dioxide	1 - 5	112926-00-8
1,1-Difluoroethane	15 - 40	75-37-6

COMMENTS: None.

4. FIRST AID MEASURES

EYES: Immediately flush eyes with plenty of water for at least 15 minutes. Get immediate medical attention.

SKIN: Remove contaminated clothing. Wash with soap and water. Consult a physician if irritation persists. Launder contaminated clothing before reuse.

INGESTION: Ingestion from an aerosol product is unlikely to occur. Rinse mouth. Get medical attention if symptoms occur. Do not induce vomiting unless instructed to do so by poison center or physician.

INHALATION: Remove affected person to fresh air. If not breathing, give artificial respiration. Get medical attention.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

EYES: Blurred vision, redness, irritation, tearing.

SKIN: Drying, cracking, redness, itchiness, discomfort.

SKIN ABSORPTION: No data available.

INGESTION: Intestinal irritation, nausea, diarrhea vomiting.

INHALATION: Respiratory irritation, dizziness, drowsiness, fatigue, nausea, headache, shortness of breath, vertigo, unconsciousness.

ADDITIONAL INFORMATION: After emergency actions, call the emergency medical information number on page 1 or a physician immediately.

5. FIRE FIGHTING MEASURES

FLAMMABLE CLASS: Not applicable.

EXTINGUISHING MEDIA: Dry chemical, sand, or carbon dioxide after spray has stopped. If extinguishing methods are unavailable cool the container with water if exposed to heat or flame. Remove the container from fire area if it can be done without further risk.

UNSUITABLE EXTINGUISHING MEDIA: None known.

SPECIFIC HAZARDS ARISING FROM THE CHEMICAL: Product concentrate is considered flammable and will act as a fuel to fire even if Section 2 does not explicitly state that the product is flammable. Contents under pressure. May explode if exposed to heat greater than 122°F or 50°C.

HAZARDOUS COMBUSTION PRODUCTS: Thermal decomposition may release carbon monoxide and carbon dioxide.

FIRE FIGHTING EQUIPMENT: No suggested equipment is available for recommendation.

PRECAUTIONS FOR FIREFIGHTERS: Contents may be heavier than air if released. Containers may explode and rapidly release pressure resulting in the potential for additional hazards.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Clean up spill with absorbent material and water, if necessary.

LARGE SPILL: Remove or eliminate all sources of ignition. Establish ventilation to keep atmospheric concentrations below limits. Avoid breathing vapors. Wear protective equipment. Remove and keep all unprotected persons away from area. See section 8 for appropriate personal protection gear for safe handling in case of accidental release or spillage. Absorb into clay-like absorbent material. See section 13 for disposal. Do not release into sewage or waterways.

7. HANDLING AND STORAGE

GENERAL PROCEDURES: Contents under pressure, may explode if heated. Do not puncture or incinerate cans.

HANDLING: Wear protective equipment. Follow specific instructions found on label and in Section 2 of this SDS. Proper protective equipment information can be found in Section 8 of this SDS.

STORAGE: Store in a well-ventilated area. Protect container from sunlight. Never store in a vehicle. Do not expose to temperatures above 122°F or 50°C. Keep away from heat and other sources of ignition. Keep away from oxidizing agents and watery environments. Store upright without excessive load on top.

ELECTROSTATIC ACCUMULATION HAZARD: No data available.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES:

OSHA HAZARDOUS COMPONENTS (29 CFR 1910.1200)

		EXPOSURE LIMITS					
		OSHA PEL		ACGIH TLV		Supplier OEL	
		ppm	mg/m^3	ppm	mg/m^3	ppm	mg/m^3
Hexamethyldisiloxane	**TWA**	NE[1]	NE	NE	NE	NE	NE
	STEL	NE	NE	NE	NE	NE	NE
Pentane	**TWA**	1000	2950	1000	NE	120	NE
	STEL	NE	NE	NE	NE	NE	NE
Silicon dioxide	**TWA**	NE	NE	NE	NE	NE	NE
	STEL	NE	NE	NE	NE	NE	NE
1,1-Difluoroethane	**TWA**	NE	NE	NE	NE	NE	NE
	STEL	NE	NE	NE	NE	NE	NE

TABLE FOOTNOTES:

1. NE=Not established.

ENGINEERING CONTROLS: Good general ventilation may be sufficient to control airborne levels.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Safety glasses with side shields, or goggles.

SKIN: Neoprene or Barrier™ gloves.

RESPIRATORY: NIOSH/MSHA approved air purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air purifying respirators is limited. Use a positive pressure air supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air purifying respirators may not provide adequate protection.

PROTECTIVE CLOTHING: Where contact is likely, wear the appropriate chemical resistant equipment, which depending on circumstances may include gloves, a chemical suit, rubber boots, and chemical safety goggles plus a face shield.

WORK HYGIENIC PRACTICES: Wash thoroughly after handling. Do not smoke, eat or drink in work area. Routinely wash work clothing and protective equipment to remove contaminants.

OTHER USE PRECAUTIONS: Have eye wash station available. Do not wear contact lenses without eye protection.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: No data available.

PHYSICAL STATE: Aerosol.

COLOR: No data available.

ODOR: No data available.

ODOR THRESHOLD: No data available.

pH: No data available.

FREEZING POINT: -59°C (-74°F) (concentrate)

INITIAL BOILING POINT: 10)°C (212°F) (concentrate)

FLASHPOINT: No data available.

EVAPORATION RATE: No data available.

FLAMMABILITY (Solid, Gas): Flammable propellant and liquid. Mixture is >85% flammable components.

FLAMMABLE LIMITS: No data available.

VAPOR PRESSURE: No data available.

VAPOR DENSITY: No data available.

RELATIVE DENSITY: No data available.

SOLUBILITY IN WATER: No data available.

PARTITION COEFFICIENT (Log K_{ow}): No data available.

AUTOIGNITION TEMPERATURE: Not available.

DECOMPOSITION TEMPERATURE: No data available.

VISCOSITY: No data available.

PERCENT VOLATILE: No data available.

10. STABILITY AND REACTIVITY

REACTIVITY: Not determined or not applicable.

CHEMICAL STABLITY: Stable under normal conditions.

POSSIBILITY OF HAZARDOUS REACTIONS: Can not occur.

CONDITIONS TO AVOID: Heat, sparks, open flames, ignition sources, sunlight, and watery or moist environments.

INCOMPATIBLE MATERIALS: Strong oxidizers.

HAZARDOUS DECOMPOSITION PRODUCTS: Not determined or not applicable.

11. TOXICOLOGICAL INFORMATION

ROUTES OF ENTRY: Inhalation, ingestion, oral contact, skin absorption.

ACUTE TOXICITY (ATE)

DERMAL LD_{50}: Not available.

ORAL LD_{50}: Not available.

INHALATION LC_{50}: Not available.

CHRONIC TOXICITY

TARGET ORGANS: Not data available

SENSITIZATION: No data available.

CARCINOGENICITY

IARC: Not listed as a carcinogen.

NTP: Not listed as a carcinogen.

OSHA: Not listed as a carcinogen.

OTHER: No data available.

OTHER: No data available.

REPRODUCTIVE EFFECTS: No data available.

MUTAGENICITY: No data available.

SYNERGISTIC MATERIALS: No data available

POTENTIAL HEALTH EFFECTS

EYES: No data available.

SKIN: No data available.

SKIN ABSORPTION: No data available.

INGESTION: No data available.

ASPIRATION HAZARD: Insufficient data available.

INHALATION: No data available.

MEDICAL CONDITIONS AGGRAVATED: No data available.

GENERAL COMMENTS: Refer to Sections 2 and 4 for additional information on potential health effects.

12. ECOLOGICAL INFORMATION

ECOTOXICITY: Product is considered an environmental hazard. Acute Toxicity Estimates for LC50 rainbow trout is 1.12 mg/L 96h, which would classify mixture as Acute Aquatic Toxicity, category 2, and Chronic Aquatic Toxicity, category 2, for non-OSHA regulations. Avoid release of mixture in sewage or waterways.

PERSISTENCE AND DEGRADABILITY: Not determined.

BIOACCUMULATIVE POTENTIAL: Not determined.

MOBILITY IN SOIL: Not determined.

OTHER ADVERSE EFFECTS: Not determined.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Never open an aerosol container. Consult with a licensed waste removal company for proper disposal considerations. Dispose of product in accordance to local, state, and federal regulations.

EMPTY CONTAINER: Container may be recycled. Before recycling: ensure container is completely emptied by pressing, and holding, the nozzle button until all the contents of the container are released. Continue to hold button down until any remaining gas has escaped the container. Contact your local waste removal company before recycling to ensure compliance with local regulations.

RCRA/EPA WASTE INFORMATION: Contains material(s) that are ignitable wastes as defined by RCRA.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: Aerosol, Flammable Gas, Environmental Hazard

TECHNICAL NAME: Pentane

PRIMARY HAZARD CLASS/DIVISION: 2.1, 9

UN/NA NUMBER: UN1950

PACKING GROUP: III

LABEL: Limited Quantity

Special precautions for user: Read safety instructions, SDS and emergency procedures before handling. Read safety instructions, SDS and emergency procedures before handling.

Special Provisions: Level 3 Aerosol. Ship containers upright without excessive load on top.

CANADA TRANSPORT OF DANGEROUS GOODS

PROPER SHIPPING NAME: Aerosol, Flammable Gas, Environmental Hazard

PRIMARY HAZARD CLASS/DIVISION: 2.1, 9

UN/NA NUMBER: UN1950

PACKING GROUP: III

AIR (ICAO/IATA)

PROPER SHIPPING NAME: Aerosols, flammable

PRIMARY HAZARD CLASS/DIVISION: 2.1

UN/NA NUMBER: UN1950

PACKING GROUP: Not available.

LABEL: Consult applicable regulations governing air shipments.

PLACARDS: Consult applicable regulations governing air shipments.

IATA NOTE: Consult applicable regulations on packaging requirements and quantity limitations.

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

311/312 HAZARD CATEGORIES:

FIRE: Yes. **PRESSURE GENERATING:** No. **REACTIVITY:** No. **ACUTE:** No. **CHRONIC:** No.

313 REPORTABLE INGREDIENTS: Not applicable.

CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

CERCLA RQ: Not applicable.

REPORTABLE SPILL QUANTITY: Not applicable.

RCRA STATUS: See section 13.

MEXICO

Regulated for ground transportation.

STATE REGULATIONS

VOLATILE ORGANIC COMPOUNDS (VOC)

Compliant in 50 states.

MASSACHUSETTS

Pentane and 1,1-difluoroethane are regulated by the Massachusetts Substance List.

CALIFORNIA

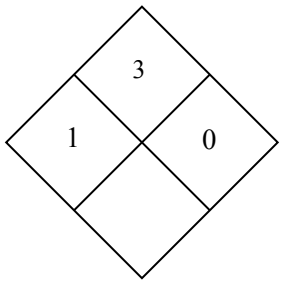
PROPOSITION 65 STATEMENT: This product contains no ingredients known to the state of California to cause cancer, birth defects, or other reproductive harm.

16. OTHER INFORMATION

The product label and its wording and symbols may differ from the hazard categories, statements, and wording that are presented in this SDS. This might occur if the product is not subject to OSHA labeling requirements or if the product is regulated by a different government agency (such as the Consumer Product Safety Commission, Food and Drug Administration, or the Environmental Protection Agency). The label may also indicate additional hazards or precautions that are not listed on this safety data sheet—this is done at the discretion of the responsible party and only serves to ensure that the user's safety is prioritized above government regulation.

HMIS RATINGS	
HEALTH:	1
FLAMMABILITY:	4
REACTIVITY:	0
PERSONAL PROTECTION:	B

NFPA RATINGS



SDS Revision Date: May 17, 2018