

Material Safety Data Sheet

Prepared: 2/21/12

Rowley Company, LLC

230 Meek Rd
Gastonia, NC 28056

SECTION I - PRODUCT IDENTIFICATION

Rowley Co. – Fray Away Spray (Stock # AS40)

SECTION II – HAZARDOUS/INFORMATION OF INGREDIENTS

Composition/Information on Ingredients

Chemical Name	Case Number	WT/WT % Less Than
01 Heptane	142-82-5	35.0 %
02 Hexane	110-54-3	25.0%
03 Isobutane	75-28-5	20.0%
04 Propane	74-98-6	15.0%
05 Acetone	67-64-1	10.0%
06 VM&P Naphtha	64742-89-8	5.0%
07 Toluene	108-88-3	5.0%

Exposure Limits

	ACGIH		OSHA		COMPANY	
	TLV-TWA	TLV-STEL	PEL-TWA	PEL-CEILING	TLV-TWA	SKIN
01	400 ppm	500 ppm	500 ppm	No Info	No Info	NO
02	50 ppm	No Info	500 ppm	No Info	No Info	NO
03	No Info	No Info	No Info	No Info	1000ppm	NO
04	2500ppm	No Info	1000 ppm	No Info	No Info	NO
05	500 ppm	750 ppm	1000 ppm	No Info	None	NO
06	300 ppm	400 ppm	No Info	No Info	No Info	NO
07	50 ppm	No Info	200 ppm	300 ppm	No Info	YES

SECTION III - PHYSICAL DATA

Boiling Range:	-44 – 287 F
Vapor Density:	Is Heavier Than Air
Odor:	Mild Solvent
Odor Threshold:	Not determined
Appearance:	Clear Liquid
Evaporation Rate:	Is Faster Than Butyl Acetate
Solubility In H ₂ O:	Negligible
Freeze Point:	Not determined
Specific Gravity:	0.6560
Vapor Pressure:	Not determined
pH @ 0.0%:	Not applicable
Physical State:	Liquid
Viscosity:	Not determined
Coefficient of Water/Oil Distribution:	Not determined

SECTION IV – FIRE FIGHTING MEASURES

Flash Point.....
Flammable Limits.....
Auto Ignition Temperature
Extinguishing Media.....
Unusual Fire & Explosion Hazards.....

-156 F (Pensky-Martens C.C)
LEL: 1.0%, UEL: 12.8%
Not determined
CO2, dry chemical. Foam, water, fog
Vapors are heavier than air and travel along the ground or may be moved by ventilation and ignited by ignition sources at locations distant from material handling point. For aerosol products, exposure to temperatures over 130F may cause containers to burst releasing highly flammable gas.
Wear self contained breathing apparatus with a full face piece operated in pressure demand or other positive pressure mode when fighting fires. Keep fire exposed containers cool with water fog.

Special Fire Fighting Procedures

SECTION V – HAZARDS IDENTIFICATION

Emergency Overview:.....

Keep from reach of children. Do not puncture, incinerate, or place aerosol product containers in compactors. Containers of this material may be hazardous when emptied since containers retain product residues (vapor, liquid, and/or solid). All hazard precautions given must be observed. Do not flame cut, braze or use welding torch. Intentional misuse by deliberately concentrating and inhaling this product may be harmful or fatal.

Eye Contact:

Can cause severe irritation, redness, tearing, and blurred vision.

Skin Contact:

Prolonged or repeated contact can cause moderate irritation and dermatitis.

Inhalation:

Excessive inhalation of vapors can cause nasal and respiratory irritation, dizziness, weakness, fatigue, nausea, headache, possible unconsciousness, and even asphyxiation.

Ingestion:

No Information.

Chronic Hazards:

Skin contact, skin absorption, inhalation, eye contact

VOC CONTENT: 57.5% by weight, 489 grams/liter total product, 628 grams/liter less water and exempt, 0.71 lbs/can

HMIS Hazard ID: Health -3, Flammability -4, Reactivity -0

SECTION VI – STABILITY AND REACTIVITY

Conditions to Avoid:.....

Heat, sparks, welding arcs, open flame, pilot lights, static electricity or other source of ignition. Aluminum, acids, highly reactive metals, magnesium, zinc, amines, reducing agents, strong oxidizers, very strong acid, caustic or oxidizing agents.

Incompatibility:

Hazardous Decomposition Products.....	Carbon monoxide and carbon dioxide, various hydrocarbons, hydrogen chloride, hydrogen fluoride, nitrogen oxide, phosgene, chlorine
Hazardous Polymerization.....	Will not occur under normal conditions.
Stability:	This product is stable under normal conditions.

SECTION VII – ACCIDENTAL RELEASE MEASURES

In the event of a spill or accidental release, eliminate sources of ignition and ventilate area. Persons not properly equipped should be excluded from area. Stop spill at source to prevent spreading. Avoid inhalation of vapors. Avoid skin contact with liquid. Soak up on absorbent material and place into proper container for disposal. Use non sparking scoops for flammable materials. Clean walking surfaces thoroughly to reduce slipping hazard.

SECTION VIII – EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls	Provide sufficient mechanical ventilation (general and/or local exhaust) ventilation to maintain exposure below TLV(s).
Respiratory Protection	If work place exposure limits of product or any component is exceeded, use a NIOSH/MSHA approved respirator. Consult your safety equipment supplier for recommendations.
Skin Protection	Wear impervious gloves if method of use involves skin contact with product. Consult your safety supply vendor for glove recommendations
Eye Protection.....	Wear safety glasses at minimum, more extensive protection may be necessary depending on how the product is to be used.
Other Protective Equipment.....	Wear impervious clothing if bodily exposure is anticipated. Consult your safety supply vendor for recommendations.

SECTION IX – HANDLING AND STORAGE

Handling.....	Containers of this material may be hazardous when emptied, since containers retain product residues (vapor, liquid, and/or solid). All hazard precautions given must be observed. Do not flame cut, braze or use welding torch on containers. Intentional misuse by deliberately concentrating and inhaling the vapors from this product may be harmful or fatal. Do not transfer to plastic, rubber or aluminum container.
Storage Precaution:	Do not store above 120F. Do not store in direct sunlight. Keep away from heat sources, open flame, pilot lights, sparks, and other sources of ignition.

SECTION X - FIRST AID MEASURES

Eye Contact:	Flush with large amounts of water, lifting upper and lower lids occasionally, get medical attention.
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Skin Contact.....

Inhalation:

Ingestion:

Thoroughly wash exposed area with soap and water. Remove contaminated clothing. Launder contaminated clothing before reuse. Get medical attention if irritation persists.
Remove individual to fresh air. If breathing is difficult, administer oxygen. Give artificial respiration if breathing has stopped. Keep person warm and quiet. Get medical attention. Do not induce vomiting. Give two glasses of water if conscious. Get immediate medical attention.

SECTION XI – TRANSPORTATION INFORMATION

DOT Proper Shipping Name:.....

DOT Hazard Class:.....

Hazard Subclass:.....

DOT UN/NA Number:

Packing Group:

Resp. Guide Page

Additional Information:

Aerosols
2.1
None
UN1950
None
126

For domestic ground and air shipment this product may be shipped as a Consumer Commodity ORM-D. Outer cartons must have the ORM-D or ORM-D Air designation. (original cartons are preprinted with the ORM-D designation for ground shipment)

SECTION XII – ADDITIONAL INFORMATION

Toxicological Properties:

Ecological Information:

Disposal Method:

No product or component toxicological information is available.
No Information.
Dispose of in accordance with all local, state and federal regulations.

SECTION XIII – REGULATORY INFORMATION

US FEDERAL REGULATIONS: As Follows-

OSHA.....

CERCLA – SARA HAZARD CATEGORY

SARA SECTION 313.....

Hazardous By Definition of Hazard Communication Standard (29 CFR 1910.1200)
This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act Of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories: IMMEDIATE HEALTH HAZARD, CHRONIC HEALTH HAZARD, FIRE HAZARD, PRESSURIZED GAS HAZARD.
This product contains the following substances subject to the reporting requirements of Section 313 of Title III of The Superfund Amendments and Reauthorization Act Of 1986 and 40 CFR Part 372:

Chemical Name
Hexane

CAS Number
110-54-3

WT/WT % Is Less Than
25.0 %

TOXIC SUBSTANCES CONTROL ACT

This product contains the following chemical substances subject to the reporting requirements of TSCA 12(B) if exported from the United States:

Chemical Name

CAS Number

WT/WT % Is Less Than

No Information Is Available.

INTERNATIONAL REGULATIONS: As Follows-

Canadian WHMIS.....

This MSDS has been prepared in compliance with Controlled Product Regulations except for use of the 16 headings.

Canadian WHMIS Class.....

No information is available.

TSCA Inventory.....

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

SECTION XIV – OTHER INFORMATION

Previous MSDS Revision Date:.....

11/2/10

Reason for Revision:

Update

SPECIAL INFORMATION

The information contained on this MSDS has been checked and should be accurate. However, it is the responsibility of the user to comply with all Federal, State, and Local laws and regulations. The environmental information and hazardous materials identification system have been included by Rowley Company, LLC in order to provide additional health and hazard classification information. The ratings recommend are based upon the criteria supplied by the developers of these ratings systems, together with Rowley Company, LLC interpretation of the available data. Proper personal protective equipment varies widely with conditions of use and anticipated exposure. We recommend that a supervisor or other qualified person determine proper PPE for intended use.