

Material Safety Data Sheet

May be used to comply with
OSHA's Hazard Communication Standard
29 CFR 1910.1200. Standard must be
consulted for specific requirements

U.S. Department of Labor

Occupation Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072

IDENTITY

GRIT-ON (120162)

Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

Section I

D.O.T. Hazard Class: Consumer Commodity ORM-D

Manufactured For:

Beaver Research Company

Emergency Telephone Number

1-800-255-3924 (Chem-Tel)

Address (Number, Street, City, State, and ZIP Code)

3700 E. Kilgore Road, Portage, MI 49002

Telephone Number For Information

1-800-544-0133

HMIS RATING: (Based on Aerosol Concentrate): 0-Minimal; 1-Slight;

2-Moderate; 3-Serious; 4-Extreme

HEALTH 2 REACTIVITY 0

FIRE.....4 Personal Protection: I

Date Prepared

03/25/03

Signature of Preparer (optional)

Section II - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity;
Common Name(s))

	CAS #	PEL	TWA/ TLV	313/CHEM SKIN	% (optional)
Acetone	67-64-1	1000ppm	1000ppm	No	20-40
Xylene	1330-20-7	150ppm	100ppm	Yes	10-20
Toluene	108-88-3	150ppm	100ppm	Yes	10-20
Clay (Dust Hazard)	1332-58-7	N/E	15mg/cuM(dust)	No	00-10
Titanium Oxide (Dust Hazard)	13463-67-7	N/E	10mg/cuM(dust)	No	00-10
Amorphous Silica (Dust Hazard)	7631-86-9	N/E	6mg/cuM(dust)	No	00-05
Hydrocarbon Propellant	68476-85-7	1000ppm	1000ppm	No	20-40

Section III - Physical/Chemical Characteristics

Boiling Point	-13°F to 232°F	Specific Gravity (H ₂ O = 1) @75°F:	0.800
Vapor Pressure (psig @70°F):	65	Total VOC %	77%
Vapor Density (AIR = 1)	>1	Evaporation Rate (Butyl Acetate = 1)	No Data
Solubility in Water		pH	
Spray Mist is Insoluble		N/A	

Appearance and Odor

Colored Liquid, Solvent Odor.

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used) (of Concentrate Only) 45°F (T.O.C.)	Flammable Limits Extremely Flammable Spray	LEL NA	UEL NA
--	---	-----------	-----------

Extinguishing Media

Foam, CO₂, Dry Media, Water fog.

Special Fire Fighting Procedures

Hazardous decomposition products may form from incomplete combustion. Wear full protective clothing and self-contained positive pressure breathing apparatus. Cool fire exposed containers to prevent rupturing.

Unusual Fire and Explosion Hazards

Extremely flammable liquid and vapors. Container can build pressure from heat and rupture explosively. Volatile vapors can burn in the open or explode if confined. Vapor is heavy and can travel long distances to source of ignition.

Section V - Reactivity Data

Stability	Unstable	Conditions to Avoid	None
	Stable		

Incompatibility (Materials to Avoid)

Avoid contact with strong oxidizing agents.

Hazardous Decomposition or Byproducts

Carbon Dioxide, Carbon Monoxide and potentially other toxic gases if incomplete combustion occurs.

Hazardous	May Occur	Conditions to Avoid	None
-----------	-----------	---------------------	------

Section VI - Health Hazard Data

Route(s) of Entry:	Inhalation?	Skin?	Ingestion?
	Yes	Yes	Yes

Health Hazards (Acute and Chronic)

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

Skin: Frequent or prolonged contact will cause irritation, defatting of the skin and dermatitis in some cases. May cause allergic skin reaction.

Inhalation: Inhalation of mist can cause irritation of nasal and respiratory passages. Abusive or excessive inhalation can cause irritation to the upper respiratory tract, dizziness, nausea and other central nervous system effects. Repeated and prolonged exposure to high levels of solvent vapors may cause permanent brain and nervous system damage. May also cause liver and kidney damage.

Ingestion: Can cause gastrointestinal irritation, nausea, vomiting and diarrhea. Aspiration of material into the lungs can cause chemical pneumonitis.

Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulated?
	NA	NA	NA

Signs and Symptoms of Exposure

See above "Health Hazards".

Medical Conditions Generally Aggravated by Exposure

NA

Emergency and First Aid Procedure

Eyes: Flush with large amounts of cool running water for at least 15 minutes while holding upper and lower lids open. If irritation persists get medical attention immediately. **Skin:** Wash with soap and water. If irritation persists seek medical attention. **Inhalation:** Remove to fresh air. Seek medical attention immediately. If breathing stops give artificial respiration or administer oxygen. **Ingestion:** Do not induce vomiting. Seek medical attention immediately.

Section VII - Precautions for Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled

Allow propellant to evaporate. Maintain local exhaust and adequate ventilation. Keep sparks, heat sources and open flame far away from spill or leak. Cover with absorbent material and sweep up. Wash area to prevent slipping. Dispose of soaked absorbent material in accordance with Federal, State and local laws.

Waste Disposal Method

Aerosol cans, when emptied and depressurized through normal use, pose no disposal hazard and should be recycled. Consult Federal, State and local authorities for approved procedures.

Precautions to be Taken in Handling and Storage

KEEP OUT OF THE REACH OF CHILDREN. For Industrial & Institutional Use Only. Store in a cool, dry area away from heat or open flame. Do not store at temperatures above 120°F. NFPA Code 30B Rating: Level 3 Aerosol.

Other Precautions

NA

Section VIII - Control Measures

Respiratory Protection (Specify Type)

If ventilation is not adequate to reduce vapors below TLV levels, use a NIOSH/MSHA approved carbon filter respirator for organic vapors.

Ventilation	Local Exhaust	Yes	Special	NA
	Mechanical(General)	NA	Other	NA

Protective Gloves

Use chemical resistant gloves if hand contact will be made.

Other Protective Clothing or Equipment

Eye Protection: Wear safety glasses or chemical proof goggles.

Work/Hygienic Practices

No smoking.

The information contained on this Material Safety Data Sheet is considered accurate as of the date of publication. It is not necessarily all inclusive nor fully adequate in every circumstance. The suggestions should not be confused with, nor followed in violation of applicable laws, regulations rules or insurance requirements. No warranty, express or implied, of merchantability, fitness, accuracy of data, or the results to be obtained from the use thereof is made. The vendor assumes no responsibility for injury or damages resulting from the inappropriate use of this product.