

SAFETY DATA SHEET

Section 1 - Product and Company Identification

Product Name: RUFF STUFF
Manufacturer/Supplier:
TRANSTAR AUTOBODY TECHNOLOGIES
2040 Heiserman Dr.
Brighton, MI, 48114, USA

Product Code: 6337
24 Hour Emergency Phone(s):
USA 800-424-9300 (CHEMTREC)
International 001-703-527-3887 (CHEMTREC Int'l)

Business Phone: 810-360-1600
SDS Prepared By: Transtar Autobody Technologies

Product Use: Not for sale to the general public
Not recommended for: Not for sale to the general public

Section 2 - Hazards Identification

Classification of the substance or mixture

GHS Ratings:

Eye corrosive	2A	Eye irritant: Subcategory 2A, Reversible in 21 days
Aquatic toxicity	A2	Acute toxicity > 1.00 but <= 10.0 mg/l

GHS Hazards

H319	Causes serious eye irritation
H401	Toxic to aquatic life

GHS Precautions

P101	If medical advice is needed, have product container or label at hand
P102	Keep out of reach of children
P103	Read label before use
P264	Wash contacted skin thoroughly after handling
P273	Avoid release to the environment
P280	Wear protective gloves and eye protection
P305+P351+P338	IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing
P337+P313	If eye irritation persists: Get medical attention.
P501	Dispose of contents and container in accordance with local, regional, national and international regulations.

Warning



Hazards not otherwise classified (HNOC) or not covered by GHS:

None known

The following % of the mixture consists of ingredient(s) of unknown acute toxicity.

0%

Section 3 -Composition			
Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
Nepheline Syenite 37244-96-5 25.3 percent	TLV 10 mg/m3 TWA	PEL 5mg/m3 TWA	None
Pumice, Nonhazardous 10 to 20%			
Anhydrous Aluminum Silicate 66402-68-4 5 to 10%	15mg/m3 (Total dust) TWA 8 hours 5mg/m3 (Respirable dust) TWA 8 hours	2mg/m3 (Respirable dust) TWA 8 hours	10mg/m3 (Total dust) TWA 10 hours
Polyethylene glycol 25322-68-3 2.5 percent			
Citrus Terpenes 94266-47-4 1 to 5%	Not Determined	Not Determined	8h TWA=30ppm (AIHA Standard)
Ethoxylated alcohols, C12-15 68131-39-5 1 to 5%			
Glycerin 56-81-5 1 to 5%	15 mg/m3 TWA (mist, total particulate); 5 mg/m3 TWA (mist, respirable fraction)	ACGIH classifies glycerin mist as a nuisance particulate with a TLV of 10 mg/m3.	

Section 4 - First Aid Measures

INHALATION: If Inhaled: Remove person to fresh air and keep comfortable for breathing. If breathing difficulty persists, seek medical attention.

EYE CONTACT: Rinse continuously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for a minimum of 15 minutes while holding eye lids open. If eye irritation persist: seek medical attention.

SKIN CONTACT: Take off all contaminated clothing immediately. Wash exposed area thoroughly with soap and water. Seek medical attention if irritation persists. Do NOT use solvents or thinners to wash off. Wash contaminated clothing before reuse.

INGESTION: If swallowed, seek medical attention immediately and have product container or label at hand. DO NOT INDUCE VOMITING unless directed to do so by a physician or poison control center. Never give anything by mouth to an unconscious person.

Most important symptoms and effects, both acute and delayed:

Irritation to digestive tract, irritation to respiratory tract, dizziness, drowsiness, fatigue, breathing difficulty, headaches, diarrhea, vomiting, coughing & loss of coordination.

Indication of any immediate medical attention and special treatment needed.

Seek professional medical attention for all over-exposures and/or persistent problems.

Section 5 - Fire Fighting Measures

LEL: 0.7 %

UEL: 19.0 %

Extinguishing Media: Dry Chemical, Foam, CO2 or water fog.

Unsuitable Extinguishing Media: High volume water jets

Unusual Fire and Explosion Hazards: Vapors can travel to a source of ignition and flash back. Closed containers may explode when exposed to extreme heat. Hazards apply to empty containers. Combustion generates toxic fumes.

Hazardous Combustion Products: oxides of carbon, oxides of nitrogen, silicon dioxide, formaldehyde, toxic fume

Special Firefighting Procedures: Keep people away. Use water spray to cool fire exposed containers. Fight fire from protected location or safe distance. Highly toxic fumes may be generated by thermal decomposition. Water runoff from firefighting can cause environmental damage. Dike and collect water used to fight fire.

Fire Equipment: Full fire fighter equipment including SCBA should be worn to avoid skin contact and inhalation of concentrated vapors. Minimize skin exposure.

Section 6 - Accidental Release Measures

Personal precautions, protective equipment and emergency procedures:

Use personal protective equipment. Avoid breathing vapors and mist. Ensure adequate ventilation. Eliminate all sources of ignition. Evacuate personnel to safe areas. Beware of vapors accumulation to form explosive concentrations. Vapors can accumulate in low areas. Stop spill at source. Dike and contain.

For personal protection see section 8.

Environmental precautions:

Prevent further leakage or spillage if safe to do so. Prevent product from entering into drains, soil, ditches, low areas, sewers and waterways.

Methods and materials for containment and cleaning up:

Dike spill area and collect spillage with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth. Sweep up and dispose of in appropriate containers in accordance to Federal, State and/or Local regulations. Clean preferably with a detergent; avoid use of solvents.

Large Spills: Evacuate unprotected and untrained personnel from hazard area. The spill should be cleaned up by qualified personnel. Ventilate the area with fresh air. For large spill, or spills in confined spaces, provide mechanical ventilation to disperse or exhaust vapors, in accordance with good industrial hygiene practice. Warning! A motor could be an ignition source and could cause flammable gases or vapors in the spill area to burn or explode. Contain spill. For larger spills, cover drains and build dikes to prevent entry into sewer systems or bodies of water. Eliminate all sources of ignition, provide adequate ventilation, dike spill area and add absorbent material to spilled liquid. Sweep up and dispose of in a DOT approved container. Working from around the edges of the spill inward, cover with bentonite, vermiculite, or commercially available inorganic absorbent material. The container must be labeled and disposed in accordance with State, Federal, or local waste regulations by a licensed waste contractor/hauler. For large spills or transportation accidents involving release of this product, contact the National Response Center: 800-424-9300.

Section 7 - Handling and Storage

Safe Handling Measures: Avoid contact with skin, eyes and clothing. Avoid inhalation of vapor or mist. Wash thoroughly after handling. Ground and bond container and receiving equipment. Use non-sparking tools and explosion proof equipment when handling this material. Keep away from sources of ignition - No Smoking. Use in cool, well-ventilated areas. Keep containers closed when not in use. Take measures to prevent the build up of electrostatic

charge. Follow all SDS and label precautions even after container is emptied because they may retain product residues. For precautions see section 2.

Storage Requirements: Keep container tightly closed. Keep away from heat, sparks, open flames and hot surfaces (all ignition sources)-No Smoking. Store in a cool, dry and well-ventilated place. Do not reuse container when empty. Store away from incompatible materials.

Section 8 - Exposure Control and PPE			
Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
Nepheline Syenite 37244-96-5	TLV 10 mg/m ³ TWA	PEL 5mg/m ³ TWA	None
Pumice, Nonhazardous			
Anhydrous Aluminum Silicate 66402-68-4	15mg/m ³ (Total dust) TWA 8 hours 5mg/m ³ (Respirable dust) TWA 8 hours	2mg/m ³ (Respirable dust) TWA 8 hours	10mg/m ³ (Total dust) TWA 10 hours
Polyethylene glycol 25322-68-3			
Citrus Terpenes 94266-47-4	Not Determined	Not Determined	8h TWA=30ppm (AIHA Standard)
Ethoxylated alcohols, C12-15 68131-39-5			
Glycerin 56-81-5	15 mg/m ³ TWA (mist, total particulate); 5 mg/m ³ TWA (mist, respirable fraction)	ACGIH classifies glycerin mist as a nuisance particulate with a TLV of 10 mg/m ³ .	

Engineering Controls: Ground and bond container and receiving equipment. Use explosion proof electrical, ventilation, lighting and motorized equipment. Use non-sparking tools. Ensure adequate ventilation. Eye wash/shower stations should be in work area.

Ventilation: General mechanical ventilation or local exhaust should be utilized to keep vapor concentrations below exposure limits (PEL & TLV). Ventilation equipment must be explosion proof.

Safe Work Practices: Eye washes and safety showers in the workplace are recommended. Avoid contact with skin and eyes. Avoid breathing vapors. Wash hands thoroughly after using and before eating, drinking or smoking. Employee education and training in the safe use and handling of this product is required under the OSHA Hazard Communication Standard 29CFR1200. Smoking in area where this material is used should be strictly prohibited. Always use protective clothing and equipment. Remove all contaminated clothing and wash thoroughly when finished working. Keep food and drink away from material and from area where material is being used. Spraying of material can cause an oxygen deficient environment. Use proper ventilation to remove vapors, mist and fumes combined with NIOSH approved respirator.

Respiratory Protection: When working with this material use a MSHA/NIOSH approved cartridge respirator or suitable respiratory protection to keep airborne mists and vapor concentrations below the PEL & TLV limits. When using in poorly ventilated and confined spaces, use a fresh-air supplying respirator or a self-contained breathing apparatus.

Eye/Face Protection: Use safety glasses with chemical splash goggles or faceshield.

Skin Protection: Use chemical resistant gloves.

Body Protection: Impervious clothing, flame retardant antistatic protective clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Contaminated Gear: Take off contaminated clothing immediately and wash before reuse.

Section 9 - Physical and Chemical Properties

This mixture typically exhibits the following properties under normal circumstances:

<p>Appearance Off White</p> <p>Odor Organic Solvent</p> <p>pH: 7.5-8.0</p> <p>Freezing point: No data available</p> <p>Flash point: 212 F,100 C</p> <p>Flammability: No data available</p> <p>Vapor Pressure: 0.18 mmHg</p> <p>Density (Lb / Gal) 11.97</p> <p>Partition coefficient (n- No data available octanol/water):</p> <p>Decomposition temperature: No data available</p> <p>Regulatory Coating VOC g/L 184</p> <p>Actual Coating VOC g/L 78</p> <p>Weight Percent Volatile 45.59</p> <p>% Weight VOC 5.44</p> <p>% Wt Exempt VOC 0.00</p>	<p>Physical State Liquid</p> <p>Odor threshold: No data available</p> <p>Melting point: No data available</p> <p>Boiling range: 100°C</p> <p>Evaporation rate: No data available</p> <p>Explosive Limits: 1% - 19%</p> <p>Vapor Density: 4.4</p> <p>Solubility: No data available</p> <p>Autoignition temperature: 393°C</p> <p>Viscosity: No data available</p> <p>Regulatory Coating VOC 1.54 lb/gal</p> <p>Actual Coating VOC lb/Gal 0.65</p> <p>Specific Gravity (SG) 1.434</p> <p>% Weight Water 40.2</p> <p>% Vol Exempt VOC 0.00</p>
--	--

Section 10 - Stability and Reactivity

Reactivity: No data available

Stability: Stable under recommended storage conditions.

Possibility of hazardous reactions: Vapors may form explosive mixture with air. Hazardous polymerization will not occur.

Conditions to avoid: Heat, flame and sparks. Extreme temperature and direct sunlight.

Incompatible with: Strong acids, bases, oxidizers, halogenated hydrocarbons.

Hazardous products produced under decomposition:

Carbon Monoxide, Carbon Dioxide

Section 11 - Toxicological Information

Mixture Toxicity

Component Toxicity

66402-68-4	Anhydrous Aluminum Silicate Oral: 2,000 mg/kg (Rat) Dermal: 2,500 mg/kg (Rabbit)
94266-47-4	Citrus Terpenes Dermal: 5 g/kg (Rabbit)

68131-39-5 Ethoxylated alcohols, C12-15
 Oral: 1,600 mg/kg (Rat) Dermal: 2,500 mg/kg (Rabbit)

56-81-5 Glycerin
 Inhalation: 4,655 mg/L (Rat)

This mixture has not been tested for toxicological effects .

Acute Effects:

INHALATION - Irritation to respirator tract, dizziness, breathing difficulty, headaches, & loss of coordination .
 EYE CONTACT - Moderate irritation, tearing, redness, and blurred vision .
 SKIN CONTACT - Moderate irritant. Can dry and defat skin causing cracks, irritation, and dermatitis .
 INGESTION - Can cause gastrointestinal irritation, vomiting, nausea, & diarrhea.

Chronic Effects:

May affect liver, kidney and central nervous system with repeated exposure . Prolonged or repeated exposure may cause lung injury. May cause skin sensitization and allergic skin reaction.

Routes of Entry

	Inhalation	Skin Contact	Eye Contact	Ingestion	
Target Organs	Eyes	Kidneys	Lungs	Skin	Respiratory System

Effects of Overexposure

Short Term Exposure	Glycerin can be irritating to the eyes, skin, and respiratory tract. When swallowed, it can cause insomnia, nausea, vomiting, diarrhea, fever, hemoglobinuria, convulsions and paralysis. Toxic in high concentrations; it is somewhat dehydrating and irritating to exposed tissues. Symptoms include headache, dizziness, insomnia, nausea, vomiting, diarrhea, fever, elevated blood sugar and diabetic coma; very large doses may cause irritation and dehydration of tissues, hemolysis, renal failure, hemoglobinuria, convulsions, and paralysis.
Long Term Exposure	May cause kidney damage.

The following chemicals comprise of at least 0.1% of this mixture and are listed and/or classified as carcinogens or potential carcinogens by the NTP, IARC, OSHA (mandatory listing) or ACGIH (optional listing).

<u>CAS Number</u>	<u>Description</u>	<u>% Weight</u>	<u>Carcinogen Rating</u>
None			No Data Available

Section 12 - Ecological Information

This material has not been tested for ecological effects .

Persistence and degradability: No data available

Bioaccumulative potential: No data available

Mobility in soil: No data available

Other adverse effects: Contains photochemically reactive solvent.

Component Ecotoxicity

Glycerin 96 Hr LC50 Oncorhynchus mykiss: 51 - 57 mL/L [static]

Section 13 - Disposal Considerations

Product should be disposed of in accordance with all Federal, State and local regulations. Contact a licensed professional waste disposal service to dispose of this material. Subject to hazardous waste generation, treatment, storage and disposal rules under RCRA, 40CFR261.

Section 14 - Transportation Information

The following transportation information is provided based on Transtar Autobody Technologies interpretation of shipping regulations. Each shipper is responsible for identifying, naming, marking and labeling prior to offering for transport .

<u>Agency</u>	<u>Proper Shipping Name</u>	<u>UN Number</u>	<u>Packing Group</u>	<u>Hazard Class</u>
IATA	NON-REGULATED			
IMDG	NON-REGULATED			
USDOT	NON-REGULATED			

Section 15 - Regulatory Information

The information listed in this section is not all inclusive of all regulations for this product or the chemical components of this product.

California Hazardous Substance List:

- None

HAPS: This formulation contains the following HAPS:

- None

NJ RTK: The following chemicals are listed under New Jersey RTK

56-81-5 Glycerin 1 to 5 %

California Proposition 65

WARNING: This product contains the following chemical(s) known to the State of California to cause birth defects or other reproductive harm.

- None

California Proposition 65

WARNING: This product contains the following chemical(s) known to the State of California to cause cancer .

- None

PA RTK: The following chemicals are listed under Pennsylvania RTK:

56-81-5 Glycerin 1 to 5 %

EU REACH SIN: The chemicals listed below are on the EU REACH SIN list

- None

SARA 312: This Product contains the following chemicals subject to the reporting requirements of SARA 312:

37244-96-5 Nepheline Syenite 25.3 %

SARA 313: This Product contains the following chemicals subject to the reporting requirements of SARA 313:

- None

WHMIS:

- None

TSCA: The following are not listed under TSCA:

None

SARA: The following are reportable under SARA

66402-68-4	Anhydrous Aluminum Silicate	5 - 10%
68131-39-5	Ethoxylated alcohols, C12-15	1.0 - 5%
56-81-5	Glycerin	1.0 - 5%
25322-68-3	Polyethylene glycol	2.5%

Section 16 - Other Information

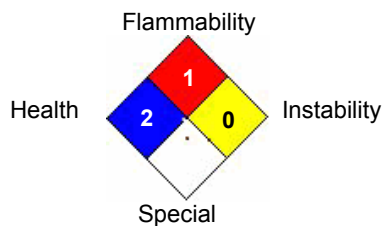
Note: HMIS Ratings involve data and interpretations that can vary from company to company. They are intended only for rapid, general identification of the magnitude of the specific hazard. To deal adequately with the safe handling of this material, all the information contained in this MSDS must be considered.

Hazardous Material Information System (HMIS)

HEALTH	<input type="text" value="2"/>
FLAMMABILITY	<input type="text" value="1"/>
PHYSICAL HAZARD	<input type="text" value="0"/>
PERSONAL PROTECTION	<input type="text" value=""/>

HMIS & NFPA Hazard Rating Legend
 * = Chronic Health Hazard
 0 = INSIGNIFICANT
 1 = SLIGHT
 2 = MODERATE
 3 = HIGH

National Fire Protection Association (NFPA)



Date Prepared: 3/13/2015

To the best of our knowledge, the information contained herein is accurate, obtained from sources believed by Transtar Autobody Technologies to be accurate. As with all chemicals, KEEP AWAY FROM CHILDREN AND ANIMALS. FOR PROFESSIONAL AND INDUSTRIAL USE ONLY. The hazard information contained herein is offered solely for the consideration of the user, subject to his own investigation and verification of compliance with applicable regulations, including the safe use of the product under every foreseeable condition.