

# SAFETY DATA SHEET

## Section 1 - Product and Company Identification

Product Name: Paladin Zero VOC Reducer slow  
Manufacturer/Supplier:  
TRANSTAR AUTOBODY TECHNOLOGIES  
2040 Heiserman Dr.  
Brighton, MI, 48114, USA

Product Code: 19-221-01  
**24 Hour Emergency Phone(s):**  
USA 800-424-9300 (CHEMTREC)  
International +1-703-527-3887 (CHEMTREC Int'l)  
  
Business Phone: 810-360-1600  
SDS Prepared By: Transtar Autobody Technologies

Product Use: Reducer. For Professional and Industrial Use Only.  
Not recommended for: Not for sale to the general public

## Section 2 - Hazards Identification

### Classification of the substance or mixture

#### GHS Ratings:

Flammable liquid

3

Flash point  $\geq 23^{\circ}\text{C}$  and  $\leq 60^{\circ}\text{C}$  (140°F)

#### GHS Hazards

H226 Flammable liquid and vapor

#### 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  
P210 Keep away from heat, sparks, open flames and hot surfaces - No smoking  
P233 Keep container tightly closed  
P240 Ground and bond container and receiving equipment  
P241 Use explosion-proof electrical, ventilating, lighting and motorized equipment  
P242 Use only non-sparking tools  
P243 Take precautionary measures against static discharge  
P280 Wear protective gloves, protective clothing, eye protection, face protection and respiratory protection.  
P303+P361+P353 IF ON SKIN (or hair): Immediately take off all contaminated clothing. Wash skin with soap and water.  
P370+P378 In case of fire: Use dry chemical, CO<sub>2</sub>, foam or water fog to extinguish  
P403+P235 Store in a well ventilated place. Keep cool  
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

**Section 3 -Composition**

<b>Chemical Name / CAS No.</b>	<b>OSHA Exposure Limits</b>	<b>ACGIH Exposure Limits</b>	<b>Other Exposure Limits</b>
Chlorobenzotrifluoride 98-56-6 90 to 100%	Not Established	Not Established	

**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 persists: 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.

**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:**

Dizziness, breathing difficulty, headaches, & 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: 0.9 %

UEL: 10.5 %

**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 or burst when contaminated with water (CO2 gas evolved). Hazards apply to empty containers. Combustion generates toxic fumes.

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

**Special Firefighting Procedures:** 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.

For personal protection see section 8.

**Environmental precautions:**

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

**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.

## Section 7 - Handling and Storage

**Safe Handling Measures:** Avoid contact with skin and eyes. Avoid inhalation of vapor or mist. 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-No Smoking. Store in a cool, dry and well-ventilated place. Do not reuse container when empty.

## Section 8 - Exposure Control and PPE

Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
Chlorobenzotrifluoride 98-56-6	Not Established	Not Established	

**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.

**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:

<b>Appearance</b> Clear	<b>Physical State</b> Liquid
<b>Odor</b> Organic Solvent	<b>Odor threshold:</b> No data available
<b>pH:</b> No data available	<b>Melting point:</b> No data available
<b>Freezing point:</b> No data available	<b>Boiling range:</b> 141°C
<b>Flash point:</b> 117 F,47 C	<b>Evaporation rate:</b> No data available
<b>Flammability:</b> No data available	<b>Explosive Limits:</b> 0%
<b>Vapor Pressure:</b> 7.9 mmHg	<b>Vapor Density:</b> 6.2
<b>Density (Lb / Gal)</b> 11.13	<b>Solubility:</b> No data available
<b>Partition coefficient (n- No data available octanol/water):</b>	<b>Autoignition temperature:</b> N/A
<b>Decomposition temperature:</b> No data available	<b>Viscosity:</b> No data available
<b>Regulatory Coating VOC g/L</b> 0	<b>Regulatory Coating VOC</b> 0.00 lb/gal
<b>Actual Coating VOC g/L</b> 0	<b>Actual Coating VOC lb/Gal</b> 0.00
<b>Weight Percent Volatile</b> 100.00	<b>Specific Gravity (SG)</b> 1.334
<b>% Weight VOC</b> 0.00	<b>% Weight Water</b> 0.0
<b>% Wt Exempt VOC</b> 100.00	<b>% Vol Exempt VOC</b> 100.00

## 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:**

-None

**Hazardous products produced under decomposition:**

Carbon dioxide and carbon monoxide, chlorine compounds, fluoride compounds, various hydrocarbons

## Section 11 - Toxicological Information

**Mixture Toxicity**

Dermal Toxicity: 2,700mg/kg

Inhalation Toxicity: 33mg/L

**Component Toxicity**

98-56-6

Chlorobenzotrifluoride

Oral: 13 g/kg (Rat) Dermal: 3 g/kg (Rabbit) Inhalation: 33 mg/L (Rat)

This mixture has not been tested for toxicological effects.

**Acute Effects:**

INHALATION - 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.

**Routes of Entry**

Inhalation	Skin Contact	Eye Contact	Ingestion
Target Organs			
Kidneys	Liver	Central Nervous System	

**Effects of Overexposure**

Short Term Exposure Causes local irritation to skin, eyes and mucous membranes. May cause irritation by any route of exposure. The LD50 rat is 13 gm/kg (13,000 mg/kg) (insignificantly toxic).

Long Term Exposure There is evidence that this chemical is a mutagen.

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).

CAS Number	Description	% Weight	Carcinogen Rating
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**

Chlorobenzotrifluoride

48 Hr EC50 Daphnia magna: 3.68 mg/L

## 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	Paint Related Material	UN1263	III	3
IMDG	Paint Related Material	UN1263	III	3
USDOT	Paint Related Material	UN1263	III	3

For inner packagings not exceeding 5L each packaged in a strong outer box: Limited Quantity

## 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

- None


### California Proposition 65

 **WARNING:** This product can expose you to chemicals including

- None

, which is[are] known to the State of California to cause birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

### California Proposition 65

 **WARNING:** This product can expose you to chemicals including

98-56-6 Chlorobenzotrifluoride

which is[are] known to the State of California to cause cancer. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

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

- None

**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:

- None

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

- None

**TSCA:** The following are not listed under TSCA:

- None

# Section 16 - Other Information

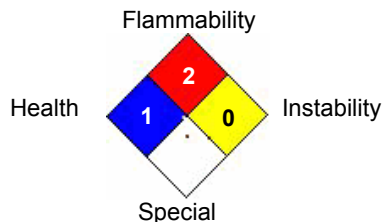
Note: HMIS Ratings involve data and interpretations that can vary from company to company. They are intended only for rapid, general identification of the magnitude of the specific hazard. To deal adequately with the safe handling of this material, all the information contained in this MSDS must be considered.

### Hazardous Material Information System (HMIS)

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

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

### National Fire Protection Association (NFPA)



Date Prepared: 10/12/2020

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.