

# SAFETY DATA SHEET

## Section 1 - Product and Company Identification

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

Product Code: 7421-D  
**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: 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	2	Flash point < 23°C and initial boiling point > 35°C (95°F)
Eye corrosive	2A	Eye irritant: Subcategory 2A, Reversible in 21 days
Mutagen	1B	Known to produce heritable mutations in human germ cells Subcategory 1B, Positive results: In vivo heritable germ cell tests in mammals, Human germ cell tests, In vivo somatic mutagenicity tests, combined with some evidence of germ cell mutagenicity
Organ toxin single exposure	3	Transient target organ effects- Narcotic effects- Respiratory tract irritation

#### GHS Hazards

H225	Highly flammable liquid and vapor
H319	Causes serious eye irritation
H336	May cause drowsiness or dizziness
H340	May cause genetic defects

#### 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
P201	Obtain special instructions before use
P202	Do not handle until all safety precautions have been read and understood
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources - 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
P261	Avoid breathing dust, mist, vapors and spray
P264	Wash contacted skin thoroughly after handling
P271	Use only outdoors or in a well-ventilated area
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.
P304+P340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
P305+P351+P338	IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing
P308+P313	IF exposed or concerned: Get medical advice
P337+P313	If eye irritation persists: Get medical attention.
P370+P378	In case of fire: Use dry chemical, CO <sub>2</sub> , foam or water fog to extinguish
P405	Store locked up
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.

**Danger**



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

None known

Section 3 - Composition			
Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
Methyl n-Amyl Ketone 110-43-0 40 to 50%	100 ppm TWA; 465 mg/m <sup>3</sup> TWA	50 ppm TWA	NIOSH: 100 ppm TWA; 465 mg/m <sup>3</sup> TWA
Methyl Isobutyl Carbinol 108-11-2 25.0 percent	25 ppm TWA; 100 mg/m <sup>3</sup> TWA	40 ppm STEL 25 ppm TWA	NIOSH: 25 ppm TWA; 100 mg/m <sup>3</sup> TWA 40 ppm STEL; 165 mg/m <sup>3</sup> STEL

Light Aliphatic Solvent Naphtha (Petroleum) 64742-89-8 6.6 percent	PEL =300pm	PEL=300 PPM	
Ethyl-3-ethoxypropionate 763-69-9 5 to 10%	TWA: 0.75 ppm	CLV: 0.03 ppm	
Ethylene glycol monobutyl ether acetate 112-07-2 2.8 percent		20 ppm TWA	NIOSH: 5 ppm TWA; 33 mg/m3 TWA

## 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.

**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: 8.7 %

**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
Methyl n-Amyl Ketone 110-43-0	100 ppm TWA; 465 mg/m3 TWA	50 ppm TWA	NIOSH: 100 ppm TWA; 465 mg/m3 TWA
Methyl Isobutyl Carbinol 108-11-2	25 ppm TWA; 100 mg/m3 TWA	40 ppm STEL 25 ppm TWA	NIOSH: 25 ppm TWA; 100 mg/m3 TWA 40 ppm STEL; 165 mg/m3 STEL
Light Aliphatic Solvent Naphtha (Petroleum) 64742-89-8	PEL =300pm	PEL=300 PPM	
Ethyl-3-ethoxypropionate 763-69-9	TWA: 0.75 ppm	CLV: 0.03 ppm	
Ethylene glycol monobutyl ether acetate 112-07-2		20 ppm TWA	NIOSH: 5 ppm TWA; 33 mg/m3 TWA

**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:

<p><b>Appearance</b> Clear</p> <p><b>Odor</b> Organic Solvent</p> <p><b>pH:</b> No data available</p> <p><b>Freezing point:</b> No data available</p> <p><b>Flash point:</b> 14 F, -10 C</p> <p><b>Flammability:</b> No data available</p> <p><b>Vapor Pressure:</b> 3.6 mmHg</p> <p><b>Density (Lb / Gal)</b> 6.90</p> <p><b>Partition coefficient (n- octanol/water):</b> No data available</p> <p><b>Decomposition temperature:</b> No data available</p> <p><b>Regulatory Coating VOC g/L</b> 825</p> <p><b>Actual Coating VOC g/L</b> 825</p> <p><b>Weight Percent Volatile</b> 99.71</p> <p><b>% Weight VOC</b> 99.71</p> <p><b>% Wt Exempt VOC</b> 0.00</p>	<p><b>Physical State</b> Liquid</p> <p><b>Odor threshold:</b> No data available</p> <p><b>Melting point:</b> No data available</p> <p><b>Boiling range:</b> 93°C</p> <p><b>Evaporation rate:</b> No data available</p> <p><b>Explosive Limits:</b> 1% - 9%</p> <p><b>Vapor Density:</b> 3.7</p> <p><b>Solubility:</b> No data available</p> <p><b>Autoignition temperature:</b> 280°C</p> <p><b>Viscosity:</b> No data available</p> <p><b>Regulatory Coating VOC lb/gal</b> 6.88</p> <p><b>Actual Coating VOC lb/Gal</b> 6.88</p> <p><b>Specific Gravity (SG)</b> 0.827</p> <p><b>% Weight Water</b> 0.0</p> <p><b>% Vol Exempt VOC</b> 0.00</p>
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## 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 oxidizing agents

Strong bases  
Mineral acids and strong oxidizers

**Hazardous products produced under decomposition:**

Carbon Monoxide, Carbon Dioxide

<b>Section 11 - Toxicological Information</b>
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**Mixture Toxicity**

Oral Toxicity: 2,403mg/kg

Inhalation Toxicity: 23mg/L

**Component Toxicity**

110-43-0	Methyl n-Amyl Ketone Oral: 1,600 mg/kg (Rat) Inhalation: 17 mg/L (Rat)
108-11-2	Methyl Isobutyl Carbinol Oral: 2,600 mg/kg (Rat) Dermal: 2,880 mg/kg (Rabbit)
64742-89-8	Light Aliphatic Solvent Naphtha (Petroleum) Oral: 5,000 mg/kg (Mouse) Dermal: 3,000 mg/kg (Rabbit)
112-07-2	Ethylene glycol monobutyl ether acetate Oral: 3,000 mg/kg (Rat) Dermal: 1,480 mg/kg (Rabbit)

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	
<b>Target Organs</b>				
Blood	Kidneys	Liver	Central Nervous System	Reproductive System
Eyes	Peripheral Nervous System		Respiratory System	Other
Skin				

**Effects of Overexposure**

Short Term Exposure	Methyl n-amyl ketone can affect you when breathed in and by passing through your skin. Irritates the eyes and the respiratory tract. May affect the central nervous system. Breathing the vapor can cause dizziness and lightheadedness, and can make you pass out. MIBC can affect you when breathed in and by passing through your skin. Breathing the vapor can irritate the eyes, nose, and throat. Contact with the liquid can burn the eyes and can irritate the skin. Exposure to high concentrations can cause you to feel dizzy, lightheaded, and to pass out.
Long Term Exposure	Causes skin irritation with cracking and drying; destroys the skin's natural oils. May cause liver and kidney damage. May affect the nervous system. Long-term contact can cause drying and cracking of the skin.

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).

-None

## 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

Methyl n-Amyl Ketone	96 Hr LC50 Pimephales promelas: 126 - 137 mg/L [flow-through]
Light Aliphatic Solvent Naphtha (Petroleum)	72 Hr EC50 Pseudokirchneriella subcapitata: 4700 mg/L
Ethyl-3-ethoxypropionate	96 Hr LC50 Pimephales promelas: 62 mg/L [static] 48 Hr EC50 Daphnia magna: 970 mg/L
Ethylene glycol monobutyl ether acetate	48 Hr EC50 Daphnia magna: 37 mg/L 72 Hr EC50 Desmodesmus subspicatus: >500 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	II	3
IMDG	Paint Related Material	UN1263	II	3
USDOT	Paint Related Material	UN1263	II	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

- 112-07-2 Ethylene glycol monobutyl ether acetate 2.8 %
- 108-11-2 Methyl Isobutyl Carbinol 25.0 %
- 110-43-0 Methyl n-Amyl Ketone 40 to 50 %

**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.

108-11-2 Methyl Isobutyl Carbinol 25.0 %

**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:

108-11-2 Methyl Isobutyl Carbinol 25.0 %

110-43-0 Methyl n-Amyl Ketone 40 to 50 %

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

- None

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

- None

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

- None

**WHMIS:**

108-11-2 Methyl Isobutyl Carbinol 25.0 %

110-43-0 Methyl n-Amyl Ketone 40 to 50 %



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

- None

**SARA:** The following are reportable under SARA

64742-89-8 Light Aliphatic Solvent Naphtha (Petroleum) 6.6%

1330-20-7 Xylene 0.0 - 0.1%

112-07-2 Ethylene glycol monobutyl ether acetate 2.8%

**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.

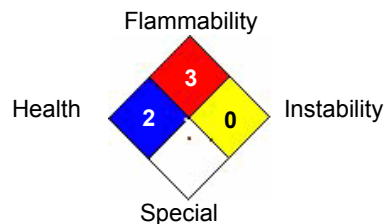
**Hazardous Material Information System (HMIS)**

HEALTH	2
FLAMMABILITY	3
PHYSICAL HAZARD	0
PERSONAL PROTECTION	

**HMIS & NFPA Hazard Rating Legend**

- \* = Chronic Health Hazard
- 0 = INSIGNIFICANT
- 1 = SLIGHT
- 2 = MODERATE
- 3 = HIGH

**National Fire Protection Association (NFPA)**



Date Prepared: 2/10/2015

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.