SAFETY DATA SHEET.

Issuing date 17-Jun-2015 Revision Date 17-Jun-2015 Version 1

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product identifier

Product name 2 IN 1 TRIM BLACK Matte Finish

Product number 4643

<u>Product Type</u> Extremely flammable aerosol

Synonyms None

Supplier's details

Recommended Use Primers. For Professional and Industrial Use Only.

Uses advised against Not for sale to the general public.

Manufacturer/Supplier: Transtar Autobody Technologies

2040 Heiserman Drive Brighton, MI 48116 800-824-2843

Emergency telephone number

Chemical Emergency Phone Chemtrec: 1-800-424-9300 (US/Canada)

Number

1-703-527-3887 (International)

Revision Date 17-Jun-2015

2. HAZARDS IDENTIFICATION

Classification

Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2A
Carcinogenicity	Category 2
Reproductive Toxicity	Category 2
Specific target organ toxicity (single exposure)	Category 3
Specific target organ toxicity (repeated exposure)	Category 2
Aspiration toxicity	Category 1
Flammable aerosols	Category 1
Gases under pressure	Compressed Gas

GHS Label elements, including precautionary statements

Emergency Overview

DANGER

Hazard Statements

Causes skin irritation

Causes serious eye irritation

Suspected of causing cancer

Suspected of damaging fertility or the unborn child

May cause drowsiness or dizziness

May cause damage to organs (Central Nervous System, Eyes, Kidney, Liver, Peripheral Nervous System, Respiratory System, and Skin) through prolonged or repeated exposure.

May be fatal if swallowed and enters airways

Extremely flammable aerosol

Contains gas under pressure; may explode if heated



Appearance opaque Physical state Aerosol Odor Solvent

Precautionary Statements - Prevention

Obtain special instructions before use

Do not handle until all safety precautions have been read and understood

Wear protective gloves/protective clothing/eye protection/face protection

Wash face, hands and any exposed skin thoroughly after handling

Do not breathe dust/fume/gas/mist/vapors/spray

Use only outdoors or in a well-ventilated area

Keep away from heat/sparks/open flames/hot surfaces. — No smoking

Do not spray on an open flame or other ignition source

Pressurized container: Do not pierce or burn, even after use

Precautionary Statements - Response

If exposed or concerned: Get medical advice/attention

Specific treatment (see first aid on this label)

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention

IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention Take off contaminated clothing and wash before reuse

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

Call a POISON CENTER or doctor/physician if you feel unwell

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician

Do NOT induce vomiting

Precautionary Statements - Storage

Store locked up

Store in a well-ventilated place. Keep container tightly closed

Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Hazards not otherwise classified (HNOC)

None

Other information

- · Harmful to aquatic life with long lasting effects
- 1.55E-06% of the mixture consists of ingredient(s) of unknown toxicity

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %*
ACETONE	67-64-1	30-40
PROPANE/ISOBUTANE/N-BUTANE	68476-86-8	20-30
TOLUENE	108-88-3	10-20
BUTYL ACETATE	123-86-4	10-20
METHYL N-AMYL KETONE	110-43-0	1-10
CARBON BLACK	1333-86-4	0.1-1

^{*}The exact percentage (concentration) of composition has been withheld as a trade secret.

4. FIRST AID MEASURES

First aid measures for different exposure routes

Eye contact Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep

eye wide open while rinsing. If symptoms persist, call a physician.

Skin contactWash off immediately with soap and plenty of water while removing all contaminated

clothes and shoes. If symptoms persist, call a physician.

Inhalation Move to fresh air. If breathing is difficult, give oxygen. Artificial respiration and/or oxygen

may be necessary. If breathing has stopped, contact emergency medical services

immediately.

Ingestion Rinse mouth. Do NOT induce vomiting. Never give anything by mouth to an unconscious

person. Drink plenty of water. Call a physician or Poison Control Center immediately.

Most important symptoms/effects, acute and delayed

Main Symptoms Causes skin and eye irritation. Irritating to respiratory system. May cause drowsiness or

dizziness. May damage to fertility or the unborn child. May cause cancer. Harmful or fatal if swallowed and enters airways. Causes damage to organs through prolonged or repeated

exposure.

Indication of immediate medical attention and special treatment needed, if necessary

Notes to physician Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media Decomposition by contact with water may generate vapors which can be ignited by heat or open flame.

Specific hazards arising from the chemical

No information available.

Explosion Data

Sensitivity to Mechanical Impact none. Sensitivity to Static Discharge none.

Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions Absorb with sand, clay, or other suitable material. Hard surfaces may be mopped with

water. Remove all sources of ignition. Avoid contact with the skin and the eyes. Evacuate personnel to be safe areas. Keep people away from and upwind of spill/leak. Contents under pressure. Do not puncture or incinerate cands. Wear protective gloves/clothing and

eye/face protection.

Environmental precautions

Environmental precautions Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in

low areas. Prevent further leakage or spillage if safe to do so. Do not allow material to

contaminate ground water system. Prevent product from entering drains.

Methods and materials for containment and cleaning up

Methods for ContainmentAbsorb with earth, sand or other non-combustible material and transfer to containers for

later disposal. Prevent further leakage or spillage if safe to do so.

Methods for cleaning up Pick up and transfer to properly labeled containers. Soak up with inert absorbent material.

Clean contaminated surface thoroughly. After cleaning, flush away traces with water. Avoid

dust formation. Take precautionary measures against static discharges.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling Avoid contact with skin, eyes and clothing. Handle in accordance with good industrial

hygiene and safety practice. Remove and wash contaminated clothing before re-use. Keep away from open flames, hot surfaces and sources of ignition. Take precautionary measures

against static discharges.

Conditions for safe storage, including any incompatibilities

Technical measures/Storage

conditions

Keep container tightly closed in a dry and well-ventilated place. Keep away from open flames, hot surfaces and sources of ignition. Keep in properly labeled containers. Keep out

of the reach of children. Store locked up.

Incompatible products

Strong acids, alkalis, or oxidizing agents.

Aerosol Level

3

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
ACETONE 67-64-1	STEL: 750 ppm TWA: 500 ppm	TWA: 1000 ppm TWA: 2400 mg/m³ (vacated) TWA: 750 ppm (vacated) TWA: 1800 mg/m³ (vacated) STEL: 2400 mg/m³ The acetone STEL does not apply to the cellulose acetate fiber industry. It is in effect for all other sectors (vacated) STEL: 1000 ppm	IDLH: 2500 ppm TWA: 250 ppm TWA: 590 mg/m³
PROPANE/ISOBUTANE/N-BUTANE 68476-86-8	74-98-6: TWA: 1000 ppm 106-97-8: STEL: 1000 ppm 75-28-5: STEL: 1000 ppm	74-98-6:TWA: 1000 ppm TWA: 1800 mg/m³ (vacated) TWA: 1000 ppm (vacated) TWA: 1800 mg/m³ 106-97-8: (vacated) TWA: 800 ppm (vacated) TWA: 1900 mg/m³	74-98-6:IDLH: 2100 ppm TWA: 1000 ppm TWA: 1800 mg/m³ 106-97-8:TWA: 800 ppm TWA: 1900 mg/m³ 75-28-5:TWA: 800 ppm TWA: 1900 mg/m³
TOLUENE 108-88-3	TWA: 20 ppm	TWA: 200 ppm (vacated) TWA: 100 ppm (vacated) TWA: 375 mg/m³ (vacated) STEL: 150 ppm (vacated) STEL: 560 mg/m³ Ceiling: 300 ppm	IDLH: 500 ppm TWA: 100 ppm TWA: 375 mg/m³ STEL: 150 ppm STEL: 560 mg/m³
BUTYL ACETATE 123-86-4	STEL: 200 ppm TWA: 150 ppm	TWA: 150 ppm TWA: 710 mg/m³ (vacated) TWA: 150 ppm (vacated) TWA: 710 mg/m³ (vacated) STEL: 200 ppm (vacated) STEL: 950 mg/m³	IDLH: 1700 ppm TWA: 150 ppm TWA: 710 mg/m³ STEL: 200 ppm STEL: 950 mg/m³
METHYL N-AMYL KETONE 110-43-0	TWA: 50 ppm	TWA: 100 ppm TWA: 465 mg/m³ (vacated) TWA: 100 ppm (vacated) TWA: 465 mg/m³	IDLH: 800 ppm TWA: 100 ppm TWA: 465 mg/m³
CARBON BLACK 1333-86-4	TWA: 3 mg/m³ inhalable fraction	TWA: 3.5 mg/m³ (vacated) TWA: 3.5 mg/m³	IDLH: 1750 mg/m³ TWA: 3.5 mg/m³ TWA: 0.1 mg/m³ Carbon black in presence of Polycyclic aromatic hydrocarbons PAH

ACGIH: (American Conference of Governmental Industrial Hygienists)

OSHA: (Occupational Safety & Health Administration) NIOSH IDLH: Immediately Dangerous to Life or Health

Other Exposure Guidelines

Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992).

Exposure controls

Engineering Measures Showers

> Eyewash stations Ventilation systems.

Individual protection measures, such as personal protective equipment

Safety glasses with side-shields. **Eye/Face Protection**

Skin and body protection Chemical resistant apron. Protective gloves.

Respiratory protection If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved

> respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be

> > Based on propellant

provided in accordance with current local regulations.

Hygiene measures Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical and chemical properties

Physical state Aerosol Appearance opaque

Odor Solvent Color

Odor Threshold No information available black

Property Values Remarks • Methods

No information available Melting/freezing point No information available Boiling point/boiling range No information available Flash Point -96.4 °C / -141 °F

No information available **Evaporation rate**

Flammability (solid, gas) No information available

Flammability Limits in Air

upper flammability limit No information available lower flammability limit No information available Vapor pressure No information available Vapor density No information available

Specific Gravity

Water solubility Practically insoluble Partition coefficient: n-octanol/waterNo information available **Autoignition temperature** No information available **Decomposition temperature** No information available No information available **Viscosity** No information available **Explosive properties**

Other information

VOC Content(%) 53.19

10. STABILITY AND REACTIVITY

Reactivity

No data available

Chemical stability

Stable under recommended storage conditions.

Possibility of hazardous reactions

None under normal processing.

Conditions to Avoid

Extremes of temperature and direct sunlight.

Incompatible Materials

Strong acids, alkalis, or oxidizing agents.

Hazardous Decomposition Products

None known based on information supplied.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Inhalation Vapors may irritate throat and respiratory system. May cause drownsiness and dizziness

based on components. May cause irritation of respiratory tract. Avoid breathing vapors or

mists.

Eye contact Irritating to eyes. Avoid contact with eyes.

Skin contact Irritating to skin. Repeated exposure may cause skin dryness or cracking. Prolonged skin

contact may defat the skin and produce dermatitis. Avoid contact with skin.

Ingestion May be harmful or fatal if swallowed. Aspiration into the lungs during swallowing may

cause serious lung damage which may be fatal.

Component Information

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
ACETONE 67-64-1	= 5800 mg/kg	20,000 mg/kg (Rabbit)	= 50100 mg/m³ (Rat) 8 h
TOLUENE 108-88-3	= 2600 mg/kg (Rat)	= 12000 mg/kg (Rabbit)	= 12.5 mg/L (Rat)4 h
BUTYL ACETATE 123-86-4	= 14000 mg/kg (Rat)	> 17600 mg/kg (Rabbit)	= 390 ppm (Rat) 4 h
METHYL N-AMYL KETONE 110-43-0	= 1600 mg/kg (Rat)	= 12.6 mL/kg(Rabbit)	> 2000 ppm (Rat)4 h

Information on toxicological effects

Symptoms Symptoms of overexposure may be headache, tiredness, nausea, and vomiting. Causes

respiratory irritation. Causes skin and eye irritation. Aspiration into the lungs during

swallowing may cause serious lung damage which may be fatal.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritationIrritating to skin.Eye damage/irritationIrritating to eyes.

Irritation Irritating to eyes, respiratory system and skin.

Sensitization None known.

Germ Cell Mutagenicity None known.

CarcinogenicityThe table below indicates whether each agency has evaluated a listed ingredient as a

carcinogen.

Chemical Name	ACGIH	IARC	NTP	OSHA
TOLUENE	-	Group 3	-	-
108-88-3				
CARBON BLACK	A3	Group 2B	-	-
1333-86-4		·		

ACGIH: (American Conference of Governmental Industrial Hygienists)

A3 - Animal Carcinogen

IARC: (International Agency for Research on Cancer)

Group 2B - Possibly Carcinogenic to Humans

Group 3 - Not Classifiable as to Carcinogenicity in Humans

Reproductive toxicity Specific target organ systemic toxicity (single exposure) Specific target organ systemic Product is or contains a chemical which is a known or suspected reproductive hazard. May cause respiratory irritation. May cause drowsiness and dizziness.

toxicity (repeated exposure)

May cause damage to organs through prolonged or repeated exposure.

Chronic toxicity May cause adverse liver effects.

Central nervous system, Eyes, Kidney, Liver, Peripheral Nervous System (PNS), **Target Organ Effects**

Respiratory system, Skin.

Neurological effects Intentional misuse by deliberately concentrating and inhaling contents may be harmful or

fatal.

Aspiration hazard May be fatal if swallowed and enters airways.

Numerical measures of toxicity - Product Information

Unknown Acute Toxicity 1.55E-06% of the mixture consists of ingredient(s) of unknown toxicity

The following values are calculated based on chapter 3.1 of the GHS document.

ATEmix (oral) 22589 mg/kg 17582 mg/kg ATEmix (dermal) ATEmix (inhalation-dust/mist) 21.2 mg/l ATEmix (inhalation-vapor) 3338 mg/l

12. ECOLOGICAL INFORMATION

Ecotoxicity

Chemical Name	Toxicity to algae	Toxicity to fish	Toxicity to microorganisms	Toxicity to daphnia and other aquatic invertebrates
ACETONE 67-64-1	-	4.74 - 6.33 mL/L LC50 Oncorhynchus mykiss 96h 6210 - 8120 mg/L LC50 Pimephales promelas 96h static 8300 mg/L LC50 Lepomis macrochirus 96h	-	10294 - 17704 mg/L EC50 Daphnia magna 48h Static 12600 - 12700 mg/L EC50 Daphnia magna 48h
PROPANE/ISOBUTANE/N- BUTANE 68476-86-8	-	-	-	-
TOLUENE 108-88-3	433 mg/L EC50 Pseudokirchneriella subcapitata 96h 12.5 mg/L EC50 Pseudokirchneriella subcapitata 72h static	11.0 - 15.0 mg/L LC50 Lepomis macrochirus 96h static 14.1 - 17.16 mg/L LC50 Oncorhynchus mykiss 96h static 15.22 - 19.05 mg/L LC50 Pimephales promelas 96h flow-through 5.89 - 7.81 mg/L LC50 Oncorhynchus mykiss 96h flow-through 50.87 - 70.34 mg/L LC50 Poecilia reticulata 96h static 12.6 mg/L LC50 Pimephales promelas 96h static 28.2 mg/L LC50 Poecilia reticulata 96h semi-static 5.8 mg/L LC50 Oncorhynchus mykiss 96h semi-static 54 mg/L LC50 Oryzias latipes 96h static		5.46 - 9.83 mg/L EC50 Daphnia magna 48h Static 11.5 mg/L EC50 Daphnia magna 48h
BUTYL ACETATE 123-86-4	674.7 mg/L EC50 Desmodesmus subspicatus 72h	17 - 19 mg/L LC50 Pimephales promelas 96h flow-through 100 mg/L LC50 Lepomis macrochirus 96h static	-	-
METHYL N-AMYL KETONE 110-43-0	-	126 - 137 mg/L LC50 Pimephales promelas 96h flow-through	-	-

Revision Date 17-Jun-2015

4643

Persistence and degradability

No information available.

Bioaccumulation

No information available.

Chemical Name	log Pow
ACETONE 67-64-1	-0.24
PROPANE/ISOBUTANE/N-BUTANE 68476-86-8	2.8
TOLUENE 108-88-3	2.65
BUTYL ACETATE 123-86-4	1.81
METHYL N-AMYL KETONE 110-43-0	1.98

Other adverse effects No information available

13. DISPOSAL CONSIDERATIONS

Waste treatment

Waste Disposal Methods This material, as supplied, is a hazardous waste according to federal regulations (40 CFR

261).

Contaminated packaging Do not re-use empty containers.

14. TRANSPORT INFORMATION

DOT Ground CONSUMER COMMODITY ORM-D

or

LIMITED QUANTITY

IATA UN1950, AEROSOLS, FLAMMABLE, 2.1, LTD. QTY.

IMDG UN1950, AEROSOLS, FLAMMABLE, 2.1, LTD. QTY.

15. REGULATORY INFORMATION

International Inventories

Chemical Name	TSCA	DSL/NDSL	EINECS/ELI NCS	ENCS	IECSC	KECL	PICCS	AICS
ACETONE	Χ	X	X	X	X	X	X	X
PROPANE/ISOBUTA NE/N-BUTANE	Х	Х	X	Not listed	Х	Х	Х	Х
TOLUENE	Х	Х	Х	Х	X	X	Х	Х
BUTYL ACETATE	Х	Х	Х	Х	Х	Х	Х	Х
METHYL N-AMYL KETONE	Х	Х	Х	Х	Х	Х	Х	Х
CARBON BLACK	X	Х	Х	Х	Х	Х	Х	Х

Page 9/11

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

CHINA - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

U.S. Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372:

Chemical Name	CAS-No	Weight %*	SARA 313 - Threshold Values %
TOLUENE - 108-88-3	108-88-3	10-20	1.0

SARA 311/312 Hazard Categories

Acute Health Hazard	Yes
Chronic Health Hazard	Yes
Fire Hazard	Yes
Sudden Release of Pressure Hazard	Yes
Reactive Hazard	no

Clean Water Act

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42):

Chemical Name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
TOLUENE 108-88-3	1000 lb	Х	X	Х
BUTYL ACETATE 123-86-4	5000 lb			Х

CERCLA

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302):

Chemical Name	Hazardous Substances RQs	Extremely Hazardous Substances RQs	RQ
ACETONE 67-64-1	5000 lb		RQ 5000 lb final RQ RQ 2270 kg final RQ
TOLUENE 108-88-3	1000 lb 1 lb		RQ 1000 lb final RQ RQ 454 kg final RQ RQ 1 lb final RQ RQ 0.454 kg final RQ
BUTYL ACETATE 123-86-4	5000 lb		RQ 5000 lb final RQ RQ 2270 kg final RQ

U.S. State Regulations

California Proposition 65

This product contains the following Proposition 65 chemicals:

Chemical Name	California Prop. 65	
TOLUENE - 108-88-3	Developmental	
	Female Reproductive	
CARBON BLACK - 1333-86-4	Carcinogen	

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
ACETONE 67-64-1	X	Х	Х
TOLUENE 108-88-3	X	X	Х
BUTYL ACETATE 123-86-4	X	X	Х
METHYL N-AMYL KETONE 110-43-0	X	X	Х
CARBON BLACK 1333-86-4	X	X	Х

EPA Pesticide Registration Number Not applicable

Canada

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

16. OTHER INFORMATION

NFPA Health Hazard 2 Flammability 4 Instability 0 Physical and chemical

hazards -HMIS Health Hazard 2* Flammability 4 Physical Hazard 1 Personal pi

HMISHealth Hazard2*Flammability4Physical Hazard1Personal protectionBChronic Hazard Star LegendChronic Health Hazard Repeated or prolonged exposure may cause central nervous system damage

Prepared By Transtar Autobody Technologies

Issuing date17-Jun-2015Revision Date17-Jun-2015

Revision Note

No information available

Disclaimer

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

End of Safety Data Sheet
