

Section 1 - Identification of the Material and Supplier

Manufactured by Transtar Autobody Technologies, USA

Distributed in Australia by:

Sydney Automotive Paint & Equipment

Unit A3, 366 Edgar Street

Condell Park NSW 2200

Tel: (02) 9772 9000

Email: reception@sape.com.au

Chemical nature: Blend of ingredients presented as an aerosol.
Trade Name: **Jammin Clear**
Product Code: TS6213
Product Use: For Professional and Industrial Use Only.
Creation Date: **November, 2016**
This version issued: **June, 2023** and is valid for 5 years from this date.
Poisons Information Centre: Phone 13 1126 from anywhere in Australia

Section 2 - Hazards Identification

Statement of Hazardous Nature

This product is classified as: Xn, Harmful. F+, Highly Flammable. Hazardous according to the criteria of SWA. Dangerous according to Australian Dangerous Goods (ADG) Code, IATA and IMDG/IMSBC criteria.

SUSMP Classification: None allocated.

ADG Classification: Class 2.1: Flammable gases.

UN Number: 1950, AEROSOLS, Flammable



Flammable aerosols Category 1
 Gases under pressure - Compressed gas
 Serious eye damage/eye irritation Category 2A
 Specific Target Organ Toxicity - Single Exposure Category 3
 Germ cell mutagenicity Category 1B
 Carcinogenicity Category 2
 Reproductive Toxicity Category 1A
 Specific Target Organ toxicity - repeated exposure Category 2

GHS Signal word: DANGER

HAZARD STATEMENT:

H222: Extremely flammable aerosol
 H280: Contains gas under pressure; may explode if heated.
 H319: Causes serious eye irritation.
 H336: May cause drowsiness or dizziness.
 H340: May cause genetic defects.
 H351: Suspected of causing cancer.
 H360: May damage fertility or the unborn child.
 H373: May cause damage to organs through prolonged or repeated exposure.

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
 P211 Do not spray on an open flame or other ignition source
 P251 Pressurized container - Do not pierce or burn, even after use

SAFETY DATA SHEET

Poisons Information Centre: 13 1126 from anywhere in Australia, (0800 764 766 in New Zealand)

P260 Do not breathe dust, mist, vapours or 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.
 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.
 P405 Store locked up
 P403+P233 Store in a well ventilated place. Keep container tightly closed
 P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C
 P501 Dispose of contents and container in accordance with local, regional, national and international regulations.

Emergency Overview

Physical Description & Colour: Clear liquid.

Odour: Characteristic solvent odour.

Major Health Hazards: limited evidence of a carcinogenic effect, may cause serious damage to eyes, vapours may cause drowsiness and dizziness.

Section 3 - Composition/Information on Ingredients

Ingredients	CAS No	Conc,%	TWA (mg/m ³)	STEL (mg/m ³)
Petroleum gases, liquefied, sweetened	68476-86-8	20-30	not set	not set
Acetone	67-64-1	30-40	1185	2375
n-Butyl acetate	123-86-4	10-20	713	950
1-methoxy-2-acetoxyp propane	108-65-6	5-10	274	548
Toluene	108-88-3	1-5	191	574
Butyl benzyl phthalate	85-68-7	<1	not set	not set
Ethyl benzene	100-41-4	0.21	434	543

This is a commercial product whose exact ratio of components may vary slightly. Minor quantities of other non hazardous ingredients are also possible.

The SWA TWA exposure value is the average airborne concentration of a particular substance when calculated over a normal 8 hour working day for a 5 day working week. The STEL (Short Term Exposure Limit) is an exposure value that may be equaled (but should not be exceeded) for no longer than 15 minutes and should not be repeated more than 4 times per day. There should be at least 60 minutes between successive exposures at the STEL. The term "peak "is used when the TWA limit, because of the rapid action of the substance, should never be exceeded, even briefly.

Section 4 - First Aid Measures

General Information:

You should call The Poisons Information Centre if you feel that you may have been poisoned, burned or irritated by this product. The number is 13 1126 from anywhere in Australia (0800 764 766 in New Zealand) and is available at all times. Have this SDS with you when you call.

Inhalation: First aid is not generally required. If in doubt, contact a Poisons Information Centre or a doctor.

Skin Contact: Wash gently and thoroughly with water (use non-abrasive soap if necessary) for 5 minutes or until chemical is removed.

Eye Contact: Immediately flush the contaminated eye(s) with lukewarm, gently flowing water for 15 minutes or until the product is removed, while holding the eyelid(s) open. Take care not to rinse contaminated water into the unaffected eye or onto the face. Obtain medical attention immediately. Take special care if exposed person is wearing contact lenses.

Ingestion: If product is swallowed or gets in mouth, do NOT induce vomiting; wash mouth with water and give some water to drink. If symptoms develop, or if in doubt contact a Poisons Information Centre or a doctor.

Section 5 - Fire Fighting Measures

Fire and Explosion Hazards: The major hazard in fires is usually inhalation of heated and toxic or oxygen deficient (or both), fire gases. There is a moderate risk of an explosion from this product if commercial quantities are involved in a fire. Firefighters should take care and appropriate precautions. Vapours from this product are heavier than air and may accumulate in sumps, pits and other low-lying spaces, forming potentially explosive mixtures. They may also flash back considerable distances.

Fire decomposition products from this product may be toxic if inhaled. Take appropriate protective measures.

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Extinguishing Media: In case of fire, use carbon dioxide, dry chemical, foam, water fog. Water fog or fine spray is the preferred medium for large fires. Try to contain spills, minimise spillage entering drains or water courses.

Fire Fighting: If a significant quantity of this product is involved in a fire, call the fire brigade. There is a danger of a violent reaction or explosion if significant quantities of this product are involved in a fire. Recommended personal protective equipment is full fire kit and breathing apparatus.

Flash point: -56°C

Upper Flammability Limit: 12.8%

Lower Flammability Limit: 1.0%

Autoignition temperature: 316°C

Flammability Class: Flammable Category 2 (GHS); Highly Flammable (AS1940).

Section 6 - Accidental Release Measures

Accidental release: This product is sold in small packages, and the accidental release from one of these is not usually a cause for concern. For minor spills, clean up, rinsing to sewer and put empty container in garbage. Although no special protective clothing is normally necessary because of occasional minor contact with this product, it is good practice to wear impermeable gloves when handling chemical products. In the event of a major spill, prevent spillage from entering drains or water courses and call emergency services.

Section 7 - Handling and Storage

Handling: Keep exposure to this product to a minimum, and minimise the quantities kept in work areas. Check Section 8 of this SDS for details of personal protective measures, and make sure that those measures are followed. The measures detailed below under "Storage" should be followed during handling in order to minimise risks to persons using the product in the workplace. Also, avoid contact or contamination of product with incompatible materials listed in Section 10.

Storage: Store in a cool (below 30°C), well ventilated area. Protect from direct sunlight. Make sure that surrounding electrical devices and switches are suitable. Check containers and valves periodically for leaks. If you keep more than 25kg of flammable gases, you are probably required to license the premises or notify your Dangerous Goods authority. If you have any doubts, we suggest you contact your Dangerous Goods authority in order to clarify your obligations. Check packaging - there may be further storage instructions on the label.

Section 8 - Exposure Controls and Personal Protection

The following Australian Standards will provide general advice regarding safety clothing and equipment:

Respiratory equipment: **AS/NZS 1715**, Protective Gloves: **AS 2161**, Occupational Protective Clothing: AS/NZS 4501 set 2008, Industrial Eye Protection: **AS1336** and **AS/NZS 1337**, Occupational Protective Footwear: **AS/NZS2210**.

SWA Exposure Limits	TWA (mg/m ³)	STEL (mg/m ³)
Acetone	1185	2375
n-Butyl acetate	713	950
1-methoxy-2-acetoxyp propane	274	548
Toluene	191	574
Ethyl benzene	434	543

No special equipment is usually needed when occasionally handling small quantities. The following instructions are for bulk handling or where regular exposure in an occupational setting occurs without proper containment systems.

Ventilation: This product should only be used in a well ventilated area. If natural ventilation is inadequate, use of a fan is suggested.

Eye Protection: Protective glasses or goggles must be worn when this product is being used. Failure to protect your eyes may lead to severe harm to them or to general health. Emergency eye wash facilities must also be available in an area close to where this product is being used.

Skin Protection: You should avoid contact even with mild skin irritants. Therefore you should wear suitable impervious elbow-length gloves and facial protection when handling this product. See below for suitable material types.

Protective Material Types: There is no data that enables us to recommend any type except that it should be impermeable.

Respirator: Usually, no respirator is necessary when using this product. However, if you have any doubts consult the Australian Standard mentioned above.

Eyebaths or eyewash stations and safety deluge showers should, if practical, be provided near to where this product is being handled commercially.

Section 9 - Physical and Chemical Properties:

Physical Description & colour:	Clear liquid.
Odour:	Characteristic solvent odour.
Boiling Point:	From 56°C at 100kPa
Freezing/Melting Point:	No specific data. Liquid at normal temperatures.
Volatiles:	88%
Vapour Pressure:	13.4 kPa (temperature not stated)
Vapour Density:	3.0
Specific Gravity:	0.769
Water Solubility:	No data.
pH:	No data.
Volatility:	No data.
Odour Threshold:	No data.
Evaporation Rate:	No data.
Coeff Oil/water Distribution:	No data
Autoignition temp:	316°C

Section 10 - Stability and Reactivity

Reactivity: This product is unlikely to react or decompose under normal storage conditions. However, if you have any doubts, contact the supplier for advice on shelf life properties.

Conditions to Avoid: Store below 30°C, protect from direct sunlight and do not expose to temperatures exceeding 50°C. Containers should be kept dry. Keep away from sources of sparks or ignition. Any electrical equipment in the area of this product should be flame proofed.

Incompatibilities: acids, strong oxidising agents.

Fire Decomposition: Combustion forms carbon dioxide, and if incomplete, carbon monoxide and possibly smoke. Water is also formed. Carbon monoxide poisoning produces headache, weakness, nausea, dizziness, confusion, dimness of vision, disturbance of judgment, and unconsciousness followed by coma and death.

Polymerisation: This product will not undergo polymerisation reactions.

Section 11 - Toxicological Information

Local Effects:

Target Organs: There is no data to hand indicating any particular target organs.

Toluene is a SWA Class 3 Reproductive risk.

Butyl Benzyl Phthalate is a SWA Class 3 Reproductive risk.

Classification of Hazardous Ingredients

Ingredient	Risk Phrases
Petroleum Gases, Liquefied, Sweetened	No risk phrases at concentrations found in this product
<ul style="list-style-type: none"> Gas under pressure Flammable gas - category 1 	
Acetone	Conc>=20%: Xi; R36
<ul style="list-style-type: none"> Flammable liquid - category 2 Eye irritation - category 2A Specific target organ toxicity (single exposure) - category 3 	
N-butyl Acetate	
<ul style="list-style-type: none"> Flammable liquid - category 3 Specific target organ toxicity (single exposure) - category 3 	
1-methoxy-2-acetoxypropane	
<ul style="list-style-type: none"> Flammable liquid - category 3 	
Toluene	>=0.5%Conc<10%: T; R60; R61
<ul style="list-style-type: none"> Flammable liquid - category 2 Skin irritation - category 2 Specific target organ toxicity (repeated exposure) - category 2 Reproductive toxicity - category 1A 	
Butyl Benzyl Phthalate	No risk phrases at concentrations found in this product
<ul style="list-style-type: none"> Reproductive toxicity - category 1B Hazardous to the aquatic environment (acute) - category 1 	

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(Hazardous to the aquatic environment (chronic) - category 1

N-butyl Acetate: LC₅₀ Inhalation, Rat = 29mg/L/4hr

1-methoxy-2-acetoxypropane: LD₅₀ Dermal, Rabbit = 5000mg/kg

Toluene: LD₅₀ Oral, Rat 2600mg/kg LC₅₀ Inhalation, Rat = 13mg/L/4hr

Potential Health Effects

Inhalation:

Short Term Exposure: High vapour pressures may cause drowsiness and dizziness. In addition product is unlikely to cause any discomfort or irritation. Intentional misuse by deliberately concentrating and inhaling contents of aerosol containers can be harmful or fatal.

Long Term Exposure: Vapours may cause drowsiness and dizziness.

Skin Contact:

Short Term Exposure: Major health effect from this product is misuse of the aerosol function. If sprayed continuously on skin or in eyes, it can cause frostbite.

Long Term Exposure: No data for health effects associated with long term skin exposure.

Eye Contact:

Short Term Exposure: If sprayed directly in the eye, this product will irritate. If spraying is prolonged, it may cause damage through frostbite.

Long Term Exposure: No data for health effects associated with long term eye exposure.

Ingestion:

Short Term Exposure: Significant oral exposure is considered to be unlikely. However, this product may be irritating to mucous membranes but is unlikely to cause anything more than transient discomfort.

Long Term Exposure: No data for health effects associated with long term ingestion.

Carcinogen Status:

SWA: No significant ingredient is classified as carcinogenic by SWA.

NTP: No significant ingredient is classified as carcinogenic by NTP.

IARC: Toluene is Class 3 - unclassifiable as to carcinogenicity to humans.

Butyl Benzyl Phthalate is Class 3 - unclassifiable as to carcinogenicity to humans.

See the IARC website for further details. A web address has not been provided as addresses frequently change.

Section 12 - Ecological Information

Insufficient data to be sure of status.

Component Ecotoxicity

Acetone

96 Hr LC₅₀ *Oncorhynchus mykiss*: 4.74 - 6.33 mL/L
 96 Hr LC₅₀ *Pimephales promelas*: 6210 - 8120 mg/L [static]
 96 Hr LC₅₀ *Lepomis macrochirus*: 8300 mg/L
 48 Hr EC₅₀ *Daphnia magna*: 10294 - 17704 mg/L [Static]
 48 Hr EC₅₀ *Daphnia magna*: 12600 - 12700 mg/L

n-Butyl Acetate

96 Hr LC₅₀ *Lepomis macrochirus*: 100 mg/L [static]
 96 Hr LC₅₀ *Pimephales promelas*: 17 - 19 mg/L [flow-through]
 72 Hr EC₅₀ *Desmodesmus subspicatus*: 674.7 mg/L

Propylene glycol monomethyl ether acetate

96 Hr LC₅₀ *Pimephales promelas*: 161 mg/L [static]
 48 Hr EC₅₀ *Daphnia magna*: >500 mg/L

Toluene

96 Hr LC₅₀ *Pimephales promelas*: 15.22 - 19.05 mg/L [flow-through] (1 day old);
 96 Hr LC₅₀ *Pimephales promelas*: 12.6 mg/L [static]
 96 Hr LC₅₀ *Oncorhynchus mykiss*: 5.89 - 7.81 mg/L [flow-through]
 96 Hr LC₅₀ *Oncorhynchus mykiss*: 14.1 - 17.16 mg/L [static]
 96 Hr LC₅₀ *Oncorhynchus mykiss*: 5.8 mg/L [semi-static];
 96 Hr LC₅₀ *Lepomis macrochirus*: 11.0 - 15.0 mg/L [static]
 96 Hr LC₅₀ *Oryzias latipes*: 54 mg/L [static]
 96 Hr LC₅₀ *Poecilia reticulata*: 28.2 mg/L [semi-static];
 96 Hr LC₅₀ *Poecilia reticulata*: 50.87 - 70.34 mg/L [static]

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48 Hr EC₅₀ *Daphnia magna*: 5.46 - 9.83 mg/L [Static]
48 Hr EC₅₀ *Daphnia magna*: 11.5 mg/L
96 Hr EC₅₀ *Pseudokirchneriella subcapitata*: >433 mg/L
72 Hr EC₅₀ *Pseudokirchneriella subcapitata*: 12.5 mg/L [static]

Butyl Benzyl Phthalate

96 Hr LC₅₀ *Oncorhynchus mykiss*: 1.0 - 10.0 mg/L [static]
96 Hr LC₅₀ *Oncorhynchus mykiss*: 0.82 mg/L [flow-through]
96 Hr LC₅₀ *Pimephales promelas*: 1.39 - 3.88 mg/L [flow-through]
96 Hr LC₅₀ *Pimephales promelas*: >0.78 mg/L [static]
96 Hr LC₅₀ *Lepomis macrochirus*: 1.0 - 10.0 mg/L [static]
48 Hr EC₅₀ *Daphnia magna*: 0.9 - 1.1 mg/L [Static]
48 Hr EC₅₀ *Daphnia magna*: >0.76 mg/L [Flow through]
48 Hr EC₅₀ *Daphnia magna*: 1.28 mg/L [semi-static]
48 Hr EC₅₀ *Daphnia magna*: 0.97 mg/L
96 Hr EC₅₀ *Pseudokirchneriella subcapitata*: 0.02 - 0.25 mg/L
72 Hr EC₅₀ *Pseudokirchneriella subcapitata*: 0.2 - 28.2 mg/L

Ethylbenzene

96 Hr LC₅₀ *Oncorhynchus mykiss*: 11.0 - 18.0 mg/L [static]
96 Hr LC₅₀ *Oncorhynchus mykiss*: 4.2 mg/L [semi-static]
96 Hr LC₅₀ *Pimephales promelas*: 7.55 - 11 mg/L [flow-through]
96 Hr LC₅₀ *Lepomis macrochirus*: 32mg/L [static]
96 Hr LC₅₀ *Pimephales promelas*: 9.1 - 15.6 mg/L [static]
96 Hr LC₅₀ *Poecilia reticulata*: 9.6 mg/L [static]
48 Hr EC₅₀ *Daphnia magna*: 1.8 - 2.4 mg/L
72 Hr EC₅₀ *Pseudokirchneriella subcapitata*: 4.6 mg/L
96 Hr EC₅₀ *Pseudokirchneriella subcapitata*: >438 mg/L
72 Hr EC₅₀ *Pseudokirchneriella subcapitata*: 2.6 - 11.3 mg/L [static]
96 Hr EC₅₀ *Pseudokirchneriella subcapitata*: 1.7 - 7.6 mg/L [static]

Section 13 - Disposal Considerations

Disposal: Dispose of small quantities and empty containers by wrapping with paper and putting in garbage. For larger quantities, if recycling or reclaiming is not possible, use a commercial waste disposal service. Do not puncture or incinerate aerosol cans, even when empty.

Section 14 - Transport Information

Dangerous according to Australian Dangerous Goods (ADG) Code, IATA and IMDG/IMSBC criteria.

UN Number: 1950, AEROSOLS, Flammable

Hazchem Code: 2YE

Special Provisions: 63, 190, 277

Limited quantities: ADG 7 specifies a Limited Quantity value of 1000mL for this class of product.

Dangerous Goods Class: Class 2.1: Flammable gases.

Packing Group: Not set

Packing Instruction: P003

Class 2.1 Flammable gases shall not be loaded in the same vehicle or packed in the same freight container with Classes 1 (Explosives), 3 (Flammable Liquids) (where both flammable liquids and flammable gases are in bulk), 4.1 (Flammable Solids), 4.2 (Spontaneously Combustible Substances), 4.3 (Dangerous When Wet Substances), 5.1 (Oxidising Agents), 5.2 (Organic Peroxides), and 7 (Radioactive Substances). They may however be loaded in the same vehicle or packed in the same freight container with Classes 2.2 (Non-flammable Non-Toxic gases), 3 (Flammable liquids except where both flammable liquids and flammable gases are in bulk), 6 (Toxic Substances), 8 (Corrosive Substances) 9 (Miscellaneous dangerous goods), Foodstuffs and foodstuff empties.

Section 15 - Regulatory Information

Australia: AIIC (Australian Inventory of Industrial Chemicals)

All the ingredients are listed or exempt.

Section 16 - Other Information

This SDS contains only safety-related information. For other data see product literature.

Acronyms:

ADG Code	Australian Code for the Transport of Dangerous Goods by Road and Rail (7 th edition)
AIC	Australian Inventory of Industrial Chemicals
SWA	Safe Work Australia, formerly ASCC and NOHSC
CAS number	Chemical Abstracts Service Registry Number
Hazchem Code	Emergency action code of numbers and letters that provide information to emergency services especially firefighters
IARC	International Agency for Research on Cancer
NOS	Not otherwise specified
NTP	National Toxicology Program (USA)
R-Phrase	Risk Phrase
SUSMP	Standard for the Uniform Scheduling of Medicines & Poisons
UN Number	United Nations Number

THIS SDS SUMMARISES OUR BEST KNOWLEDGE OF THE HEALTH AND SAFETY HAZARD INFORMATION OF THE PRODUCT AND HOW TO SAFELY HANDLE AND USE THE PRODUCT IN THE WORKPLACE. EACH USER MUST REVIEW THIS SDS IN THE CONTEXT OF HOW THE PRODUCT WILL BE HANDLED AND USED IN THE WORKPLACE.

IF CLARIFICATION OR FURTHER INFORMATION IS NEEDED TO ENSURE THAT AN APPROPRIATE RISK ASSESSMENT CAN BE MADE, THE USER SHOULD CONTACT THIS COMPANY SO WE CAN ATTEMPT TO OBTAIN ADDITIONAL INFORMATION FROM OUR SUPPLIERS

OUR RESPONSIBILITY FOR PRODUCTS SOLD IS SUBJECT TO OUR STANDARD TERMS AND CONDITIONS, A COPY OF WHICH IS SENT TO OUR CUSTOMERS AND IS ALSO AVAILABLE ON REQUEST.

Please read all labels carefully before using product.

This SDS is prepared in accord with the SWA document "Preparation of Safety Data Sheets for Hazardous Chemicals - Code of Practice" (Feb 2016)