



SpeedyBee SAFETY DATA SHEET



ACCORDING TO EC-REGULATIONS 1907/2006 (REACH) & 1272/2008 (CLP)

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

- 1.1 Product identifier**
Chemical Name **ZINC GALVANIZING Spray Paint**
- 1.2 Relevant identified uses of the substance or mixture and uses advised against**
Identified use(s) Spray paint for professional use only
Uses advised against None known
- 1.3 Details of the supplier**
AL NAHLA TR LLC
industrial area 11, 4th industrial street.
Street # 2
P O BOX: 150140
Sharjah, UAE
Telephone +971-6-5313324
E-Mail (competent person) info@alnahla.net
- 1.4 Emergency telephone number**
Emergency Phone No. +971-6-5313324

SECTION 2: HAZARDS IDENTIFICATION

The contents are **FLAMMABLE** and maybe **HARMFUL** by deliberate prolonged inhalation or ingestion. Hydrocarbon propellant is an asphyxiant if there is insufficient ventilation. This would constitute abuse of the product. ALWAYS WASH HANDS AFTER USE. Repeated exposure may cause skin dryness or cracking. KEEP IN A SAFE PLACE AWAY FROM CHILDREN.

FLAMMABLE: pressurised container. Protect from sunlight and do not expose to temperatures exceeding 50 degrees C. Do not spray onto a naked flame, any incandescent material, hot surface or unprotected electrical equipment. DO NOT BREATHE SPRAY MIST. Vapours may cause drowsiness and dizziness. DO NOT SPRAY NEAR EYES. Irritating to eyes.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Dimethyl ether	115-10-6	40-50	slight
Zinc powder	NA	15-20	slight
Ethyl acetate	141-78-6	10-15	slight
trimethyl-Benzene	25551-13-7	10-15	slight
Toluene	108-88-3	5-10	slight
Acrylic resin	NA	3-5	slight
2-Butoxyethanol	111-76-2	1-2	slight



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SECTION 4: FIRST AID MEASURES



4.1 Description of first aid measures

Inhalation

Asphyxiation by butane will precede any toxicological effects of the active elements. Remove the patient to fresh air and treat symptomatically.

Skin Contact

Wash with soap and water. Mild irritation may occur.

Eye Contact

Repeated contact may cause skin dryness and cracking.
NEVER AEROSOLS NEAR EYES/MUCOUS MEMBRANES.
Flush with copious quantities of water. Seek medical advice.
Product is classified as irritating to eyes.

Ingestion

Unlikely. May cause nausea and discomfort. Carry out a gastric lavage to reduce discomfort. The contents would tend to be absorbed by the body with no significant effects, particularly in these concentration. Treat symptomatically. Seek medical advice and show the container.

4.2 Most important symptoms and effects, both acute and delayed

Unlikely to produce adverse effects to health

4.3 Indication of the immediate medical attention and special treatment needed

Increased difficulty in breathing. headache, vomiting

SECTION 5: FIRE-FIGHTING MEASURES

Pressurized aerosols should not be exposed to temperatures exceeding 50°C. Above this, containers may explode and the resultant flammable mixture will burn to produce CO₂.

Use water to cool undamaged stock only. Avoid contamination of the water where courses where damaged stock is leaking.

EXTINGUISHING MEDIA; CO₂; BCF; dry powder, sand or earth.
For larger fire use foam, water fog or spray, avoiding contamination.
POSITIVE PRESSURE BREATHING APPARATUS SHOULD BE USED.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Put on protective clothing. Avoid contact with skin and eyes.
Caution - spillages may be slippery.

6.2 Environmental precautions

Do not allow to enter drains, sewers or watercourses.

6.3 Methods and material for containment and cleaning up

Absorb spillages onto sand, earth or any suitable adsorbent material. Transfer to a closed container for disposal.
Disposal should be in accordance with local or national legislation. Collect spillage and seal in labeled drums for disposal

6.4 Reference to other sections

See Section: 8 (Exposure controls / PPE) & 13 (Disposal)

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Avoid contact with skin, eyes and clothes.

7.2 Conditions for safe storage, including any incompatibilities

Keep containers upright in a cool, well ventilated place .

Storage Temperature

> 5 degC < 40 degC.

Storage Life

Three years

Incompatible materials

Strong oxidising agents, Alkali and alkaline earth metals

Other information

No special precautions required



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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

8.1.1 Occupational Exposure Limits

LTEL (8 hr TWA)

WEL: Workplace Exposure Limit (UK HSE EH40)

Not applicable

STEL (15 minutes)

Not applicable)

8.2 Exposure controls

8.2.1 Appropriate engineering controls

None applicable

8.2.2 Personal protection equipment

Eye/face protection

Safety spectacles/goggles recommended if splashing is likely.



Skin protection (Hand protection/ Other)

Plastic or rubber gloves recommended. Apron or other light protective clothing.



Respiratory protection

Not required



Other

General hygiene measures for the handling of chemicals are applicable. Wash hands before breaks and after work. Do not eat, drink or smoke when using this product.

As with all aerosols, the products should only be used in well ventilated areas, but responsible use is not potentially harmful.

Respiratory protection. If ventilation is not possible, then suitable respiration is essential if there is a risk of solvent vapor concentrations. Use organic/inorganic vapor filters. Vapors may cause drowsiness or dizziness.

In general the aerosol product is a convenient and safe method of supply. Only in continuous or repeated usage conditions should personal protective measures be required exposure controls considered.

8.2.3 Environmental Exposure Controls

Do not allow to enter drains, sewers or watercourses.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties (Solution)

Appearance

Aerosol,

Colour

Varying

Odour

Paint

Odour Threshold (ppm)

Not available

pH (Value)

Not available

Melting Point (°C) / Freezing Point (°C)

- 20 degC



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Boiling point/boiling range (°C):	+60 degC
Flash Point (°C) [Open cup]	Nominally 0 degC
Evaporation rate (Butyl acetate = 1)	Not available
Explosive limit ranges	Not applicable
Density (g/ml)	1.02kg/m3
Solubility (Other)	Not water soluble. Re-dispersible in aromatic solvents or ketones.

9.2 Other information

SECTION 10: STABILITY AND REACTIVITY

The container is inherently stable under instructed conditions for a reasonable period of time (at least 24-25 months).

AVOID extremes of temperature, including direct sunlight and extreme freezing. Avoid exposure to moisture. Which may damage container deterioration and PH, where acidity may damage container integrity. Avoid sudden impacts, which may damage container integrity.

Avoid contact with water, acids, high temperatures.

Container corrosion may occur with time and damaged containers should be disposed of before any danger is evident.

Flammable. Liquid contents should be considered generally not reactive.

SECTION 11: TOXICOLOGICAL INFORMATION

THIS IS DESIGNED FOR EXTERNAL USE ONLY.

Essentially, when used in this aerosol form, there are no potential toxic effects.

The data is as follows:

Dimethyl ether The Occupational Exposure Standard is 600ppm(1430mgm)

Used correctly in aerosol form. All components can be considered to have a low order of toxicity (LD50 oral rat 500mg/kg,skin 3000mg/kg).deliberate inhalation may cause severe pulmonary and breathing difficulty, dizziness, drowsiness(narcosis) and headaches (but this is unlikely in normal usage) and would constitute abuse.

Skin and eye irritation may result from continued exposure to vapors when used in areas of poor ventilation. Or when working in close proximity to the spray for prolonged periods, and suitable steps should to avoid such conditions.

SECTION 12: ECOLOGICAL INFORMATION

This relates to the contents only. See disposal.

The product will evaporate quickly to the air. A colored liquid, easily absorbed, will evaporate and leave a solid. The solid will present no other significant hazards, with no dangerous arising from degradation.

Mobility will be very slow.

Degradation will be relatively slow though ultimately almost complete.

Accumulation is unlikely once physical breakdown commences.

Short and long term effects should not be considered significant. Very short-term damage to aquatic and soil organisms may occur in large spillage (1000+containers) though this should disperse quickly (especially if absorbent material is used).

SECTION 13: DISPOSAL CONSIDERATIONS

The container should be totally discharged and disposed of as hazardous waste.

SEE CONTAINER WARNINGS. I.e. do not puncture or incinerate/burn even after use. Dried material is non-hazardous.

SECTION 14: TRANSPORT INFORMATION

UN NUMBER: UN1950 IMDG page 2120

HAZARD CLASS: 2.1For Sea Transport Not classified as hazardous for road transport in UK(ADR).

UK TRANSPORT DESCRIPTION: MISCELLANEOUS GOODS



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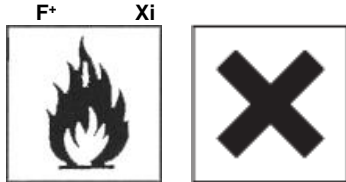
SECTION 15: REGULATORY INFORMATION

The COSHH Regulations apply in the UK.

The CHIP Regulations apply in the UK.

The Environmental Protection Act Regulations apply in the UK.

SYMBOLS:



Extremely flammable **Irritant**

RISK/SAFETY PHRASES:

F⁺ Flammable. Keep out of reach children. Protect from sunlight and do not expose to temperatures exceeding 50 degrees C. Do not pierce or burn, even after use.

Do not spray onto naked flame or any incandescent material. (Aerosol safety phrases).

Xi Irritant
R12 Extremely flammable
R36 Irritating to eyes
R38 Irritating to skin
R66 Repeated exposure will cause skin dryness and cracking
R67 Vapors may cause drowsiness and dizziness.
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
S(2) Keep out of the reach of children
S9 Keep container in a well-ventilated place
S16 Keep away from sources of ignition—No smoking
S23 Do not breathe vapor/spray
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
S45 In case of accident or if you feel unwell seek medical advice immediately (show container).
S51 Use only in well ventilated areas
S53 Avoid Exposure -read MSDS sheet before use

SECTION 16: OTHER INFORMATION

This is an aerosol product and should be used carefully.

It represents no greater dangers than any other aerosol product and all regulations applicable are general industry guidelines.

The information included is all that available for the component products at this time.

The information contained herein is based upon the current state of our knowledge.

Since the storage, application and disposal of these products is not within the control of the company, it is the user's obligation to determine the conditions of safety in terms of all aspects relating to their products. The company accepts no liability for and makes no claims regarding the use, qualities or components of this product, with may vary.

ALWAYS OBSERVE ALL CONTAINER AND DATA SHEET WARNINGS.

ALWAYS READ THE LABEL BEFORE USE.