

MATERIAL SAFETY DATA SHEET

Exwell Multipurpose Spray Paint

Section1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Trade Name: Exwell Multipurpose spray paint

Product uses: Color coating, Application is by spray atomization from a hand held aerosol pack.

Company Identification: CHEMICAL CO.,LTD

China

Country of Origin China

Section2: HAZARDS IDENTIFICATION

EU-GHS/CLP(No 1272/2008) Classification of the substance or

Mixture GHS Classification

Acute Aquatic Hazard Category 3, Acute Toxicity (Oral) Category 4, Eye Irritation Category 2A

Flammable Aerosol Category 1, Reproductive Toxicity Category 2, Skin Corrosion/Irritation Category

2 STOT - RE Category 2, STOT - SE (Resp. Irr.) Category 3

GHS/CLP(1272/2008) Label Elements

Hazards pictograms



Signal Word

Danger!

Hazard Statements

H222 Extremely flammable aerosol.

H302 Harmful if swallowed.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H335 May cause respiratory irritation.
exposure.

H373 May cause damage to organs through prolonged or repeated
H402 Harmful to aquatic life

Precautionary Statements

Prevention:

P202 Do not handle until all safety precautions have been read and understood.

P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

P251 Pressurized container: Do not pierce or burn, even after use.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

Response

P301+P312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

P302+P352 IF ON SKIN: Wash with plenty of 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 cautiously with water for several minutes. Remove contact lenses, if

present and easy to do. Continue rinsing.

P312 Call a POISON CENTER or doctor/physician if you feel unwell.

Storage

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/122°F.

Disposal:

P501 Dispose of contents/container to an approved waste disposal plant.

Section3: COMPOSITION / INFORMATIN ON INGREDIENTS

Substance	CAS#	EC#	Amount%	Classification
AC-1020 Acrylic resin	9003-01-4	--	10-20	Xi,R24/25-23/24/25-11
Butyl ester	123-86-4	204-658-1	1-5	R10-66-67
Ethyl ester	141-78-6	205-500-4	2-10	F,Xi,Xn,T,R11-36-66-67-20 /21/22-10-39/23/24/25-23/2 4/25-68/20/21/22
Dichloromethane	75-09-2	200-838-9	2-5	Xn,T,F,R40-39/23/24/25-23 /24/25-11
Toluene	108-88-3	203-625-9	10-20	F,Xn,T,R11-38-48/20-63-65 -67-39/23/24/25-23/24/25
Dispersant	--	--	1-5	
Dimethyl ether	115-10-6	204-065-8	50-60	F+,R12
Pigment	--	--	3-5	

Section4: FIRST AID MEASURES

General Information:

Move the exposed person to fresh air at once.

Inhalation

Move the exposed person to fresh air at once. Perform artificial respiration if breathing has stopped. Keep the affected person warm and at rest. Get prompt medical attention.

Ingestion

Immediately rinse mouth and provide fresh air. Do not induce vomiting. Get medical attention if any discomfort continues.

Skin Contact

Wash skin with soap and water. Get medical attention if any discomfort continues.

Eye Contact

Immediately rinse with water. Continue to rinse for at least 15 minutes. Make sure to remove any contact lenses from the eyes before rinsing. Get medical attention promptly if symptoms occur after washing.

Section5: FIRE FIGHTING MEASURES

Flammability of the product:

HIGHLY FLAMMABLE! Vapors are heavier than air and may spread near ground to sources of ignition. Aerosol cans may explode in a fire.

Suitable Extinguishing Media

Use: Powder. Dry chemicals, sand, dolomite etc. Water spray, fog or mist.

Special Exposure Hazards From the Substance

Carbonyl compounds. Carbon dioxide (CO₂). Carbon monoxide (CO). Oxides of Nitrogen.

Remark: Containers close to fire should be removed or cooled with water. Use water to keep fire exposed containers cool and disperse vapours.

Section6: ACCIDENTAL RELEASE MEASURES

Personal Precautions

Provide adequate ventilation. Avoid inhalation of vapours and aerosol spray. In case of inadequate ventilation, use respiratory protection. Personal Protective Equipment advice is contained in Section 8 of the MSDS.

Environmental Precautions

Do not discharge into drains, water courses or onto the ground. Contain spillages with sand, earth or any suitable adsorbent material.

Spill Clean Up Methods

Clean up all spills immediately. Avoid breathing vapors and contact with skin and eyes. Wear protective clothing, impervious gloves and safety glasses. Shut off all possible sources of ignition and increase ventilation. Wipe up. If safe, damaged cans should be placed in a container outdoors, away from all ignition sources, until pressure has dissipated. Undamaged cans should be gathered and stowed safely

Section7: HANDLING AND STORAGE

Usage Precautions

DO NOT allow clothing wet with material to stay in contact with skin. Avoid all personal contact, including inhalation. Wear protective clothing when risk of exposure occurs. Use in a well-ventilated area. Prevent concentration in hollows and sums. DO NOT enter confined spaces until atmosphere has been checked. Avoid smoking, naked lights or ignition sources. Avoid contact with incompatible materials. When handling, DO NOT eat, drink or smoke. DO NOT incinerate or puncture aerosol cans. DO NOT spray directly on humans, exposed food or food utensils. Avoid physical damage to containers. Always wash hands with soap and water after handling. Work clothes should be laundered separately. Use good occupational work practice. Atmosphere should be regularly checked against established exposure standards to ensure safe working conditions are maintained.

Storage Precautions

Store below 38°C. Keep dry to avoid corrosion of cans. Corrosion may result in container perforation and internal pressure may eject contents of can. Store in original containers in approved flammable liquid storage area.

DO NOT store in pits, depressions, basements or areas where vapors may be trapped. No smoking, naked lights, heat or ignition sources. Keep containers securely sealed. Contents under pressure. Store away from incompatible materials. Store in a cool, dry, well-ventilated area. Avoid storage at temperatures higher than 40°C. Store in an upright position. Protect containers against physical damage. Check regularly for spills and leaks.

Storage Class: III

Section8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limits

The Following Controls are Recommended for Normal Consumer Use of this

Product Occupational Exposure Limits(OEL's):

Ingredient Name	STEL/15min	TWA/8Hrs
Butyl ester	875 mg/m ³	700 mg/m ³
Ethyl ester	2,000 mg/m ³	1,400 mg/m ³
Dichloromethane	879 mg/m ³	350 mg/m ³
Toluene	560 mg/kg	188 mg/m ³
Dimethyl ether	--	1,910 mg/m ³

Engineering Measures

Provide adequate ventilation. Observe occupational exposure limits and minimize the risk of inhalation of spray.

Respiratory Equipment

In case of inadequate ventilation use suitable respirator.

Hand Protection

Chemical resistant gloves required for prolonged or repeated contact. Rubber, neoprene or PVC. if risk of skin contact.

Eye Protection

Use safety eyewear designed to protect against splash of liquids.

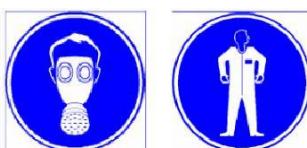
Other Protection

Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.

Hygiene Measures

DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. When using do not eat, drink or smoke.

Protective Equipment:



Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Paint
Odor	Aerosol
Vapor Density	Not Applicable
Color	Various color
VOC	85%
Boiling point	>65 °C
Melting point	<-20 °C
Relative density	1.03kg/m ³
Solubility in Water	Not Water Soluble
Flash Point, liquid	< 40 °C
Flammability	Very Flammable
Vapour Pressure @ 20	Not Applicable

Section 10: STABILITY AND REACTIVITY

Chemical stability: Stable under normal conditions of use.

Hazardous Polymerization: Hazardous polymerization will not occur

Conditions to avoid: Avoid heat, flames and other sources of ignition. Avoid contact with: Strong oxidizing agents. Strong alkalis. Strong mineral acids

Incompatible materials: Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapors.

Section 11: TOXICOLOGICAL INFORMATION

Potential Acute Health Effects

THIS IS DESIGNED FOR EXTERNAL USE ONLY. Essentially, when used in this aerosol form, there are no potential toxic effects.

Inhalation

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.

Health Warnings

Solvent vapours are hazardous and may cause nausea, sickness and headaches. Gas or vapour in high concentrations may irritate respiratory system.

Skin Contact

Irritation may result from continued exposure to vapors when used in areas of poor ventilation.

Eye Contact

Spray and vapour in the eyes may cause irritation and smarting

Acute Toxicological Date

Ethyl ester (LD50): 5,620 mg/kg [Rat, Oral] (LD50): 4,100 mg/kg [Mouse, Oral]

Butyl ester (LD50): 10,768 mg/kg [Rat, Oral] (LD50): 7,076 mg/kg [Mouse, Oral]

Dichloromethane (LD50): 1,600 mg/kg [Rat, Oral] (LD50): 437 mg/kg [Mouse, Enterocoelia]

DME (LC50): 308,000mg/m³ [Rat, Oral] (LC50): 386ppm/30minutes [Mouse, Oral]

Toluene (LD50): 636 mg/kg [Rat, Oral] (LC50): 400ppm/24Hrs. [Mouse, Inhalation]

Section 12: ECOLOGICAL INFORMATION

Ecotoxicity Date:

Ethyl ester (EC50): fathead minnow 220 mg/l/96 hr (LC50): 230 mg/l/96 hr

Butyl ester (EC50): fathead minnow 19000 ug/L for 48 hr (LC50): 23000 ug/L for 24 hr

Dichloromethane (EC50): fathead minnow 66.3 mg/l/48 hr (LC50): 232.4 mg/l/72 hr

Toluene (EC50): fathead minnow 14.6 mg/l/96 hr (LC50): 36.2 mg/l/96 hr

Persistence and Degradability

Degradation will be relatively slow though ultimately almost complete. Accumulation is unlikely once physical breakdown commences.

Mobility

The product will evaporate quickly to the air. The solid will present no other significant hazards, with no dangerous arising from degradation. Mobility will be very slow.

Bio accumulative Potential

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 CONSIDERATION

General Information

Do not puncture or incinerate even when empty.

Disposal Methods

Empty containers must not be burned because of explosion hazard. Dispose of waste and residues in accordance with local authority requirements. Dried material is non-hazardous. The container should be totally discharged and disposed of as hazardous waste.

This MSDS Service is Provided by ANYANG BAIDE FINE CHEMICAL CO.,LTD

Abbreviation Used

GHS Globally Harmonized System LC50 Half maximal inhibitory Concentration

LD50 Lethal Dosage50% OEL Occupational Exposure Limit

EC European Community g/cc Grams per Cubic Centimeter

TWA Time weighted Average VOC Volatile Organic Compound

WHMIS Workplace Hazardous Materials Information System

STEL Short term exposure limit

DME Dimethyl Ether

*****End of MSDS Document.*****