

SAFETY DATA SHEET

1. Identification

Product identifier Upside Down Marking Spray Paint - White - 1 lb 1 oz

Other means of identification

No. 18206 (Item# 1005226) **Product Code**

Recommended use Coating Recommended restrictions None known.

Manufacturer/Importer/Supplier/Distributor information

Manufactured or sold by:

CRC Industries, Inc. Company name **Address** 885 Louis Dr.

Warminster, PA 18974 US

Telephone

Website

Health hazards

General Information 215-674-4300 800-521-3168 **Technical Assistance Customer Service** 800-272-4620 24-Hour Emergency 800-424-9300 (US)

(CHEMTREC)

www.crcindustries.com

2. Hazard(s) identification

Physical hazards Flammable aerosols Category 1

> Gases under pressure Liquefied gas Carcinogenicity Category 2

Specific target organ toxicity, single exposure Category 3 respiratory tract irritation

Specific target organ toxicity, repeated

exposure

Category 2

Category 1 Aspiration hazard

Environmental hazards Hazardous to the aquatic environment, acute

Category 2

Category 2

Hazardous to the aquatic environment,

long-term hazard

OSHA defined hazards Not classified.

Label elements



Signal word Danger

Hazard statement Extremely flammable aerosol. Contains gas under pressure; may explode if heated. May be fatal if

swallowed and enters airways. May cause respiratory irritation. Suspected of causing cancer. May

cause damage to organs through prolonged or repeated exposure.

Precautionary statement

Prevention Obtain special instructions before use. Do not handle until all safety precautions have been read

and understood. 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. Do not apply while equipment is energized. Extinguish all flames, pilot lights, and heaters. Vapors will accumulate readily and may ignite. Use only with adequate ventilation; maintain ventilation during use and until all vapors are gone. Do not breathe mist/vapors. Open doors and windows or use other means to ensure a fresh air supply during use and while product is drying. If you experience any symptoms listed on this label, increase ventilation or leave the

area. Wear protective gloves/eye protection/face protection. If swallowed: Immediately call a poison center/doctor. Do NOT induce vomiting. If inhaled: Response

Remove person to fresh air and keep comfortable for breathing. Get medical advice/attention if

you feel unwell. If exposed or concerned: Get medical advice/attention.

Store in a well-ventilated place. Keep container tightly closed. Store locked up. Protect from Storage

sunlight. Do not expose to temperatures exceeding 50°C/122°F. Exposure to high temperature

may cause can to burst.

Dispose of contents/container in accordance with local/regional/national/international regulations. Disposal

Hazard(s) not otherwise classified (HNOC)

None known.

Supplemental information

None.

3. Composition/information on ingredients

Mixtures

Chemical name	Common name and synonyms	CAS number	%
water		7732-18-5	20 - 30
propane		74-98-6	15 - 25
calcium carbonate		1317-65-3	10 - 15
n-butane		106-97-8	10 - 15
solvent naphtha (petroleum), light aliph.		64742-89-8	10 - 15
distillates (petroleum), hydrotreated light		64742-47-8	5 - 10
titanium dioxide		13463-67-7	5 - 10

Specific chemical identity and/or percentage of composition has been withheld as a trade secret.

4. First-aid measures

Inhalation Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a poison

center or doctor/physician if you feel unwell.

Skin contact Wash off with soap and water. Take off contaminated clothing and wash before reuse. Get medical

attention if irritation develops and persists.

Eye contact Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

Ingestion Call a physician or poison control center immediately. Clean mouth with water and drink afterwards

plenty of water. Aspiration may cause pulmonary edema and pneumonitis. Do not induce vomiting.

If vomiting occurs, keep head low so that stomach content doesn't get into the lungs.

Most important

symptoms/effects, acute and

delayed

Aspiration may cause pulmonary edema and pneumonitis. Dizziness. Direct contact with eyes may cause temporary irritation. May cause respiratory irritation. Prolonged exposure may cause chronic

effects.

Indication of immediate medical attention and special

treatment needed

Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.

IF exposed or concerned: Get medical advice/attention. Ensure that medical personnel are aware **General information**

of the material(s) involved, and take precautions to protect themselves.

5. Fire-fighting measures

Suitable extinguishing media

Unsuitable extinguishing

media

Carbon dioxide (CO2). Dry chemical powder. Water spray.

Do not use water jet as an extinguisher, as this will spread the fire.

Specific hazards arising from the chemical

Contents under pressure. Pressurized container may rupture when exposed to heat or flame. During fire, gases hazardous to health may be formed.

Special protective equipment and precautions for firefighters

Fire-fighting equipment/instructions

Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.

In case of fire: Stop leak if safe to do so. Move containers from fire area if you can do so without risk. Containers should be cooled with water to prevent vapor pressure build up. Use standard firefighting procedures and consider the hazards of other involved materials. In the event of fire and/or explosion do not breathe fumes.

General fire hazards

Extremely flammable aerosol. Contents under pressure. Pressurized container may rupture when exposed to heat or flame.

6. Accidental release measures

Personal precautions. protective equipment and emergency procedures

Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Many gases are heavier than air and will spread along ground and collect in low or confined areas (sewers, basements, tanks). Wear appropriate protective equipment and clothing during clean-up. Do not breathe mist/vapors. Emergency personnel need self-contained breathing equipment. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

Methods and materials for containment and cleaning up Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. Collect spillage. Prevent entry into waterways, sewer, basements or confined areas. Stop the flow of material, if this is without risk. Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. Put material in suitable, covered, labeled containers. For waste disposal, see section 13 of the SDS.

Environmental precautions

Avoid release to the environment. Inform appropriate managerial or supervisory personnel of all environmental releases. Prevent further leakage or spillage if safe to do so. Do not contaminate water. Avoid discharge into drains, water courses or onto the ground.

7. Handling and storage

Precautions for safe handling

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Pressurized container: Do not pierce or burn, even after use. Do not use if spray button is missing or defective. Do not spray on a naked flame or any other incandescent material. Do not smoke while using or until sprayed surface is thoroughly dry. Do not cut, weld, solder, drill, grind, or expose containers to heat, flame, sparks, or other sources of ignition. Use caution around energized equipment. The metal container will conduct electricity if it contacts a live source. This may result in injury to the user from electrical shock and/or flash fire. Do not breathe mist/vapors. Avoid prolonged exposure. Should be handled in closed systems, if possible. Use only in well-ventilated areas. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Avoid release to the environment. Do not empty into drains. Observe good industrial hygiene practices. For product usage instructions, see the product label.

Conditions for safe storage, including any incompatibilities Level 3 Aerosol.

Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50 °C/122 °F. Do not puncture, incinerate or crush. Do not handle or store near an open flame, heat or other sources of ignition. This material can accumulate static charge which may cause spark and become an ignition source. Store in tightly closed container. Store in a well-ventilated place. Stored containers should be periodically checked for general condition and leakage. Store away from incompatible materials (see Section 10 of the SDS).

8. Exposure controls/personal protection

Occupational exposure limits

The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit. At this time, the other constituents have no known exposure limits.

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Components	Type	Value	Form
calcium carbonate (CAS 1317-65-3)	PEL	5 mg/m3	Respirable fraction.
		15 mg/m3	Total dust.
propane (CAS 74-98-6)	PEL	1800 mg/m3	
		1000 ppm	
solvent naphtha (petroleum), light aliph. (CAS 64742-89-8)	PEL	400 mg/m3	

titanium dioxide (CAS 13463-67-7) US. OSHA Table Z-3 (29 CFR 1910.1000) Components Type titanium dioxide (CAS TWA 13463-67-7) US. ACGIH Threshold Limit Values Components Type n-butane (CAS 106-97-8) STEL titanium dioxide (CAS TWA 13463-67-7) US. NIOSH: Pocket Guide to Chemical Hazards Components Type calcium carbonate (CAS TWA 1317-65-3) distillates (petroleum), hydrotreated light (CAS 64742-47-8) n-butane (CAS 106-97-8) TWA	100 ppm 15 mg/m3 Value 5 mg/m3 15 mg/m3 50 mppcf 15 mppcf 15 mppcf Value 1000 ppm 10 mg/m3 Value 5 mg/m3 10 mg/m3 100 mg/m3	Form Respirable fraction. Total dust. Total dust. Respirable fraction. Form Respirable. Total			
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distillates (petroleum), TWA hydrotreated light (CAS 64742-47-8)	10 mg/m3	·			
hydrotreated light (CÁS 64742-47-8)	· ·	Total			
64742-47-8)					
n-butane (CAS 106-97-8) TWA					
	1900 mg/m3				
	800 ppm				
propane (CAS 74-98-6) TWA	1800 mg/m3				
	1000 ppm				
solvent naphtha TWA (petroleum), light aliph. (CAS 64742-89-8)	400 mg/m3				
(3 2 2.00.0)	100 ppm				
ogical limit values No biological exposure limits r					
•	No biological exposure limits noted for the ingredient(s). Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates				
should be matched to condition or other engineering controls to	should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation rates or other engineering controls to maintain airborne levels below recommended exposure limits. exposure limits have not been established, maintain airborne levels to an acceptable level.				
vidual protection measures, such as personal protective e	equipment				
Eye/face protection Wear safety glasses with side	shields (or goggles).				

Other Wear appropriate chemical resistant clothing.

If engineering controls are not feasible or if exposure exceeds the applicable exposure limits, use a **Respiratory protection**

NIOSH-approved cartridge respirator with an organic vapor cartridge. Use a self-contained breathing apparatus in confined spaces and for emergencies. Air monitoring is needed to

determine actual employee exposure levels.

Wear appropriate thermal protective clothing, when necessary. Thermal hazards

General hygiene considerations

Observe any medical surveillance requirements. When using, do not eat, drink or smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to

remove contaminants.

9. Physical and chemical properties

Appearance

Liquid. Physical state Aerosol. **Form** White. Color Odor Aromatic. **Odor threshold** Not available. Not available. pΗ Melting point/freezing point

Initial boiling point and boiling

Not available.

95 °F (35 °C) estimated

range

-2.2 °F (-19.0 °C) Flash point Not available. **Evaporation rate** Not available. Flammability (solid, gas)

Upper/lower flammability or explosive limits

Flammability limit - lower

1.7 %

(%)

Flammability limit - upper

10.9 %

(%)

3829.8 hPa estimated Vapor pressure

Not available. Vapor density 0.77 - 0.85Relative density

Solubility(ies)

Solubility (water) Not available. Partition coefficient Not available.

(n-octanol/water)

410 °F (210 °C) estimated **Auto-ignition temperature**

Decomposition temperature Not available. Not available. Viscosity Percent volatile 87 % estimated

Other information

VOC-State Aerosol Coatings (MIR)

0.49

10. Stability and reactivity

The product is stable and non-reactive under normal conditions of use, storage and transport. Reactivity

Chemical stability Material is stable under normal conditions.

Possibility of hazardous

reactions

No dangerous reaction known under conditions of normal use.

Conditions to avoid Heat, flames and sparks. Contact with incompatible materials. Avoid freezing.

Acids. Strong oxidizing agents. Incompatible materials

Hazardous decomposition

products

No hazardous decomposition products are known.

11. Toxicological information

Information on likely routes of exposure

Inhalation May cause irritation to the respiratory system. Prolonged inhalation may be harmful.

Skin contact Prolonged skin contact may cause temporary irritation. **Eve contact** Direct contact with eyes may cause temporary irritation.

May be fatal if swallowed and enters airways. Droplets of the product aspirated into the lungs Ingestion

through ingestion or vomiting may cause a serious chemical pneumonia.

Symptoms related to the physical, chemical and toxicological characteristics

Aspiration may cause pulmonary edema and pneumonitis. Dizziness. Direct contact with eyes may cause temporary irritation. May cause respiratory irritation.

Information on toxicological effects

Acute toxicity May be fatal if swallowed and enters airways.

Product Species Test Results

Upside Down Marking Spray Paint - White - 1 lb 1 oz

<u>Acute</u>

Dermal

LD50 Rabbit > 10000 mg/kg

Inhalation *Dust and mist.*

LC50 Rat > 6.82 mg/l, 4 hours

Oral

LD50 Rat > 20000 mg/kg

Components Species Test Results

distillates (petroleum), hydrotreated light (CAS 64742-47-8)

Acute

Dermal

LD50 Rabbit > 2000 mg/kg

Inhalation

LC50 Rat > 5 mg/l, 4 hours

Oral

LD50 Rat > 5000 mg/kg

n-butane (CAS 106-97-8)

<u>Acute</u>

Inhalation

LC50 Rat 658 mg/l, 4 Hours

titanium dioxide (CAS 13463-67-7)

<u>Acute</u>

Dermal

LD50 Rabbit > 10000 mg/kg

Oral

LD50 Rat > 10000 mg/kg

Skin corrosion/irritation Serious eye damage/eye Prolonged skin contact may cause temporary irritation.

Direct contact with eyes may cause temporary irritation.

irritation

Respiratory or skin sensitization

Respiratory sensitization Not a respiratory sensitizer.

Skin sensitization This product is not expected to cause skin sensitization.

Germ cell mutagenicityNo data available to indicate product or any components present at greater than 0.1% are

mutagenic or genotoxic.

Carcinogenicity Suspected of causing cancer.

IARC Monographs. Overall Evaluation of Carcinogenicity

titanium dioxide (CAS 13463-67-7) 2B Possibly carcinogenic to humans.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)

Not listed.

US. National Toxicology Program (NTP) Report on Carcinogens

Not listed.

Reproductive toxicityThis product is not expected to cause reproductive or developmental effects.

Specific target organ toxicity - May cause respiratory irritation.

single exposure

Specific target organ toxicity -

repeated exposure

May cause damage to organs through prolonged or repeated exposure.

Aspiration hazard

May be fatal if swallowed and enters airways.

Chronic effects Prolonged inhalation may be harmful. May cause damage to organs through prolonged or

repeated exposure. Prolonged exposure may cause chronic effects.

12. Ecological information

Ecotoxicity Toxic to aquatic life with long lasting effects.

Test Results Product Species

Upside Down Marking Spray Paint - White - 1 lb 1 oz

Aquatic

LC50 Fish Fish 9113.4414 mg/l, 96 hours

Acute

EC50 Crustacea Daphnia 8400 mg/l, 48 hours

Persistence and degradability No data is available on the degradability of this product.

No data available. **Bioaccumulative potential**

Partition coefficient n-octanol / water (log Kow) n-butane

2.89 2.36 propane

Bioconcentration factor (BCF)

352 titanium dioxide

No data available. Mobility in soil

Other adverse effects No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation

potential, endocrine disruption, global warming potential) are expected from this component.

13. Disposal considerations

Disposal instructions If discarded, this product is considered a RCRA ignitable waste, D001. Empty container can be

recycled. Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Contents under pressure. Incinerate the material under controlled conditions in an approved incinerator. Do not incinerate sealed containers. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national regulations.

Hazardous waste code D001: Waste Flammable material with a flash point <140 F

Since emptied containers may retain product residue, follow label warnings even after container is Contaminated packaging

emptied. Empty containers should be taken to an approved waste handling site for recycling or

disposal.

14. Transport information

DOT

UN number UN1950

UN proper shipping name Transport hazard class(es) Aerosols, flammable, Limited Quantity

Class 2.1 Subsidiary risk 2.1 Label(s)

Packing group Not applicable.

Special precautions for user Read safety instructions, SDS and emergency procedures before handling.

Special provisions N82 Packaging exceptions 306 Packaging non bulk 304 None Packaging bulk

IATA

UN1950 **UN number**

UN proper shipping name

Transport hazard class(es)

Aerosols, flammable, Limited Quantity

2.1 **Class** Subsidiary risk

Packing group Not applicable.

ERG Code 10L Special precautions for user Read safety instructions, SDS and emergency procedures before handling.

Other information

Passenger and cargo Allowed with restrictions.

aircraft

Cargo aircraft only Allowed with restrictions.

IMDG

UN number UN1950

UN proper shipping name AEROSOLS, Limited Quantity

Transport hazard class(es)

Class 2.1 Subsidiary risk -

Packing group Not applicable.

Environmental hazards

Marine pollutant Yes, but exempt from the regulations.

EmS F-D, S-U

Special precautions for user Read safety instructions, SDS and emergency procedures before handling.

DOT: IMDG



15. Regulatory information

US federal regulations

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication

Standard, 29 CFR 1910.1200.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

SARA 304 Emergency release notification

Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)

Not listed.

CERCLA Hazardous Substance List (40 CFR 302.4)

Not listed.

CERCLA Hazardous Substances: Reportable quantity

Not listed

Spills or releases resulting in the loss of any ingredient at or above its RQ require immediate notification to the National Response Center (800-424-8802) and to your Local Emergency Planning Committee.

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Not regulated.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

n-butane (CAS 106-97-8)

propane (CAS 74-98-6)

Safe Drinking Water Act

(SDWA)

Contains component(s) regulated under the Safe Drinking Water Act.

Food and Drug

Not regulated.

Administration (FDA)

Superfund Amendments and Reauthorization Act of 1986 (SARA) Flammable (gases, aerosols, liquids, or solids)

Classified hazard categories

Gas under pressure

Carcinogenicity

Specific target organ toxicity (single or repeated exposure)

Aspiration hazard

SARA 302 Extremely hazardous substance

Not listed.

SARA 311/312 Hazardous

Yes

chemical

SARA 313 (TRI reporting)

Not regulated.

US state regulations

US. New Jersey Worker and Community Right-to-Know Act

calcium carbonate (CAS 1317-65-3)

n-butane (CAS 106-97-8)

propane (CAS 74-98-6)

solvent naphtha (petroleum), light aliph. (CAS 64742-89-8)

titanium dioxide (CAS 13463-67-7)

US. Massachusetts RTK - Substance List

calcium carbonate (CAS 1317-65-3)

n-butane (CAS 106-97-8)

propane (CAS 74-98-6)

solvent naphtha (petroleum), light aliph. (CAS 64742-89-8)

titanium dioxide (CAS 13463-67-7)

US. Pennsylvania Worker and Community Right-to-Know Law

calcium carbonate (CAS 1317-65-3)

distillates (petroleum), hydrotreated light (CAS 64742-47-8)

n-butane (CAS 106-97-8)

propane (CAS 74-98-6)

solvent naphtha (petroleum), light aliph. (CAS 64742-89-8)

titanium dioxide (CAS 13463-67-7)

US. Rhode Island RTK

calcium carbonate (CAS 1317-65-3)

distillates (petroleum), hydrotreated light (CAS 64742-47-8)

n-butane (CAS 106-97-8)

propane (CAS 74-98-6)

solvent naphtha (petroleum), light aliph. (CAS 64742-89-8)

titanium dioxide (CAS 13463-67-7)

California Proposition 65



WARNING: This product can expose you to chemicals including ethylbenzene, which are known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

California Proposition 65 - CRT: Listed date/Carcinogenic substance

ethylbenzene (CAS 100-41-4) Listed: June 11, 2004 titanium dioxide (CAS 13463-67-7) Listed: September 2, 2011

US. California. Candidate Chemicals List. Safer Consumer Products Regulations (Cal. Code Regs, tit. 22, 69502.3, subd. (a))

distillates (petroleum), hydrotreated light (CAS 64742-47-8)

n-butane (CAS 106-97-8)

solvent naphtha (petroleum), light aliph. (CAS 64742-89-8)

titanium dioxide (CAS 13463-67-7)

Volatile organic compounds (VOC) regulations

EPA

Aerosol coatings (40 CFR 59, Subpt. E)

Compliant

State

This product is regulated as a Ground Traffic and Marking Coating. This product is compliant for **Aerosol coatings**

sale in all 50 states.

Maximum incremental

reactivity (MIR)

0.49

International Inventories

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	Yes
Canada	Domestic Substances List (DSL)	No
Canada	Non-Domestic Substances List (NDSL)	Yes
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	Yes

Europe European List of Notified Chemical Substances (ELINCS) No Japan Inventory of Existing and New Chemical Substances (ENCS) No Korea Existing Chemicals List (ECL) Yes New Zealand New Zealand Inventory Yes **Philippines** Philippine Inventory of Chemicals and Chemical Substances Yes

(PICCS)

Taiwan Chemical Substance Inventory (TCSI) Taiwan Yes United States & Puerto Rico Toxic Substances Control Act (TSCA) Inventory Yes *A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

16. Other information, including date of preparation or last revision

02-17-2021 Issue date Danica Fulmer Prepared by

Version #

Disclaimer The information contained in this document applies to this specific material as supplied. It may not

> be valid for this material if it is used in combination with any other materials. This information is accurate to the best of CRC's knowledge or obtained from sources believed by CRC to be accurate. Before using any product, read all warnings and directions on the label. For further clarification of any information contained on this (M)SDS consult your supervisor, a health & safety

professional, or CRC Industries, Inc..

This document has undergone significant changes and should be reviewed in its entirety. **Revision information**

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).