

Maxguard™ WG-LEI-5555 WHITE GELCOAT
™ Trademark, Ashland or its subsidiaries,
registered in various countries591163

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

Ashland	Regulatory Information Number	1-800-325-3751
P.O. Box 2219	Telephone	614-790-3333
Columbus, OH 43216	Emergency telephone	1-800-ASHLAND (1-800-274-5263)
Product name	Maxguard™ WG-LEI-5555 WHITE GELCOAT ™ Trademark, Ashland or its subsidiaries, registered in various countries	
Product code	591163	
Product Use Description	No data	

2. HAZARDS IDENTIFICATION

Emergency Overview

Appearance: liquid

WARNING! FLAMMABLE LIQUID AND VAPOR. MAY AFFECT THE CENTRAL NERVOUS SYSTEM CAUSING DIZZINESS, HEADACHE OR NAUSEA. MAY BE HARMFUL IF INHALED. ASPIRATION HAZARD IF SWALLOWED - CAN ENTER LUNGS AND CAUSE DAMAGE. MAY CAUSE ALLERGIC SKIN OR RESPIRATORY REACTION. MAY CAUSE EYE, SKIN AND RESPIRATORY TRACT IRRITATION. PROLONGED OR REPEATED CONTACT MAY DRY SKIN, CAUSE IRRITATION AND BURNS.

Potential Health Effects

Exposure routes

Inhalation, Skin absorption, Skin contact, Eye Contact, Ingestion

Eye contact

Can cause eye irritation. Symptoms include stinging, tearing, redness, and swelling of eyes.

Skin contact

Can cause skin irritation. Symptoms may include redness and burning of skin, and other skin damage. Additional symptoms of skin contact may include: allergic skin reaction (delayed skin rash

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which may be followed by blistering, scaling and other skin effects) peeling of the skin Individuals with direct skin contact with methyl methacrylate have experienced temporary loss of feeling and mild nerve damage in the fingers.

Ingestion

Swallowing small amounts of this material during normal handling is not likely to cause harmful effects. Swallowing large amounts may be harmful. This material can get into the lungs during swallowing or vomiting. This results in lung inflammation and other lung injury.

Inhalation

Breathing of vapor or mist is possible. Breathing small amounts of this material during normal handling is not likely to cause harmful effects. Breathing large amounts may be harmful. Symptoms are not expected at air concentrations below the recommended exposure limits, if applicable (see Section 8.). May cause allergic respiratory reaction.

Aggravated Medical Condition

Preexisting disorders of the following organs (or organ systems) may be aggravated by exposure to this material: Upper respiratory tract, Skin, lung (for example, asthma-like conditions), Liver, Central nervous system, male reproductive system, auditory system, kidney

Symptoms

Signs and symptoms of exposure to this material through breathing, swallowing, and/or passage of the material through the skin may include: metallic taste, stomach or intestinal upset (nausea, vomiting, diarrhea), irritation (nose, throat, airways), pain in the hands and feet, confusion, runny nose, Cough, sneezing, bronchitis, irritability, effects on memory, central nervous system depression (dizziness, drowsiness, weakness, fatigue, nausea, headache, unconsciousness) and other central nervous system effects, Lack of coordination, loss of appetite, sleep disturbances, liver damage, kidney damage, Lowered blood pressure, respiratory depression (slowing of the breathing rate), Shortness of breath, chest pain, Difficulty in breathing, Exposure to this product (or a component) may cause an allergic reaction (narrowing of the air passages of the lungs resulting in difficult breathing, tightness in the chest, coughing and wheezing) in some sensitive individuals. Other symptoms of an allergic reaction may include itchy and watery eyes, runny and stuffy nose, sweating, flushing, hives, rapid heart rate, and lowered blood pressure.

Target Organs

Overexposure to this material (or its components) has been suggested as a cause of the following effects in laboratory animals: mild, reversible kidney effects, effects on hearing, respiratory tract damage (nose, throat, and airways), testis damage, liver damage, Overexposure to this material (or its components) has been suggested as a cause of the following effects in humans: mild effects on color vision, effects on hearing, respiratory tract damage (nose, throat, and airways), central nervous system

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effects, effects on lung function, nasal damage, kidney damage, Prolonged inhalation of cobalt dust, or metal dust, fume or mist containing cobalt may cause respiratory illness., Overexposure to cobalt compounds has been shown to cause blood, thyroid and heart effects in man., testis damage, blood abnormalities

Carcinogenicity

There was no increase in cancer in rats exposed to styrene by inhalation. However, there was an increase in lung cancer in styrene-exposed mice. The relevance of the mouse lung cancer to humans is uncertain. Styrene did not cause cancer in mice in studies in which the chemical was placed in the stomachs through a feeding tube, or in a study in which styrene was given by injection. Epidemiological studies do not provide a basis for concluding that styrene causes cancer. Styrene is listed as a possible human carcinogen by the International Agency for Research on Cancer (IARC). Cobalt and certain cobalt compounds have been shown to cause cancer in laboratory animals. The relevance of this finding to humans is uncertain. Cobalt and certain cobalt compounds are listed as carcinogenic by the International Agency for Research on Cancer (IARC). Animals inhaling massive quantities of titanium dioxide dust in a long-term study developed lung tumors. It did not cause cancer in laboratory animals in long-term feeding or injection studies. Studies with humans involved in the manufacture of this pigment indicate no increased risk of cancer from exposure. Titanium dioxide is classified as a carcinogen by the International Agency for Research on Cancer (IARC).This product may contain non-asbestiform talc. Inhalation of non-asbestiform talc has been shown to cause lung and adrenal cancer in female rats and adrenal gland cancer in male rats. It did not cause cancer in male or female mice similarly exposed. Talc is not listed as a carcinogen by the International Agency for Research on Cancer (IARC), the National Toxicology Program (NTP), or the Occupational Safety and Health Administration (OSHA).

Reproductive hazard

This material (or a component) has been shown to cause harm to the fetus in laboratory animal studies. Harm to the fetus occurs only at exposure levels that harm the pregnant animal. The relevance of these findings to humans is uncertain.

Other information

Styrene readily reacts with low concentrations of halogens (for example, fluorine, chlorine, bromine, or iodine) to form a tear-producing substance.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Components	CAS-No.	Concentration
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STYRENE	100-42-5	>=20-<30%
TITANIUM DIOXIDE (TIO2)	13463-67-7	>=15-<20%
TALC	14807-96-6	>=5-<10%
ALUMINUM HYDROXIDE	21645-51-2	>=5-<10%
METHYLMETHACRYLATE	80-62-6	>=1.5-<5%
SILICA AMORPHOUS (SIO2)	7631-86-9	>=1.5-<5%
SILICA COLLOIDAL AMORPHOUS	112945-52-5	>=1.5-<5%
COBALT COMPOUNDS		>=0.1-<0.5%

4. FIRST AID MEASURES

Eyes

If symptoms develop, immediately move individual away from exposure and into fresh air. Flush eyes gently with water for at least 15 minutes while holding eyelids apart; seek immediate medical attention.

Skin

Remove contaminated clothing. Flush exposed area with large amounts of water. If skin is damaged, seek immediate medical attention. If skin is not damaged and symptoms persist, seek medical attention. Launder clothing before reuse.

Ingestion

Seek medical attention. If individual is drowsy or unconscious, do not give anything by mouth; place individual on the left side with the head down. Contact a physician, medical facility, or poison control center for advice about whether to induce vomiting. If possible, do not leave individual unattended.

Inhalation

If symptoms develop, immediately move individual away from exposure and into fresh air. Seek immediate medical attention; keep person warm and quiet. If person is not breathing, begin artificial respiration. If breathing is difficult, administer oxygen.

Notes to physician

Hazards: This material is an aspiration hazard. Potential danger from aspiration must be weighed against possible oral toxicity (See Section 2 - Swallowing) when deciding whether to induce vomiting.

Treatment: No information available.

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5. FIRE-FIGHTING MEASURES

Suitable extinguishing media

Water spray, Dry chemical, Carbon dioxide (CO₂), Foam

Hazardous combustion products

Hydrocarbons, toxic fumes, carbon dioxide and carbon monoxide

Precautions for fire-fighting

Material is volatile and readily gives off vapors which may travel along the ground or be moved by ventilation and ignited by pilot lights, flames, sparks, heaters, smoking, electric motors, static discharge or other ignition sources at locations near the material handling point. Never use welding or cutting torch on or near drum (even empty) because product (even just residue) can ignite explosively. Wear full firefighting turn-out gear (full Bunker gear), and respiratory protection (SCBA). Water may be ineffective for extinguishment unless used under favorable conditions by experienced fire fighters. Use water spray to cool fire exposed containers and structures until fire is out if it can be done with minimal risk. Avoid spreading burning material with water used for cooling purposes. Polymerization will take place under fire conditions. If polymerization occurs in a closed container, there is a possibility it will rupture violently. Cool storage container with water, if exposed to fire.

NFPA Flammable and Combustible Liquids Classification

Flammable Liquid Class IC

6. ACCIDENTAL RELEASE MEASURES

Personal precautions

For personal protection see section 8. Persons not wearing protective equipment should be excluded from area of spill until clean-up has been completed. Ensure adequate ventilation. Eliminate all ignition sources (flares, flames including pilot lights, electrical sparks). Pay attention to the spreading of gases especially at ground level (heavier than air) and to the direction of the wind.

Environmental precautions

Prevent spreading over a wide area (e.g. by containment or oil barriers). Do not let product enter drains. Do not flush into surface water or sanitary sewer system. Local authorities should be advised if significant spillages cannot be contained.

Methods for cleaning up

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Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).

Other information

Comply with all applicable federal, state, and local regulations. Suppress (knock down) gases/vapours/mists with a water spray jet.

7. HANDLING AND STORAGE

Handling

Containers of this material may be hazardous when emptied. Since emptied containers retain product residues (vapor, liquid, and/or solid), all hazard precautions given in the data sheet must be observed. Static ignition hazard can result from handling and use. Electrically bond and ground all containers, personnel and equipment before transfer or use of material. Special precautions may be necessary to dissipate static electricity for non-conductive containers. Use proper bonding and grounding during product transfer as described in National Fire Protection Association document NFPA 77.

Storage

Store in a cool, dry, ventilated area, away from incompatible substances. Keep containers closed when not in use.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

STYRENE		100-42-5
ACGIH	time weighted average	20 ppm
ACGIH	Short term exposure limit	40 ppm
NIOSH	Recommended exposure limit (REL):	50 ppm
NIOSH	Recommended exposure limit (REL):	215 mg/m3
NIOSH	Short term exposure limit	100 ppm
NIOSH	Short term exposure limit	425 mg/m3
OSHA Z2	time weighted average	100 ppm
OSHA Z2	Ceiling Limit Value:	200 ppm
OSHA Z2	Maximum concentration:	600 ppm
TITANIUM DIOXIDE (TiO2)		13463-67-7

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ACGIH	time weighted average	10 mg/m3	
OSHA Z1	Permissible exposure limit	15 mg/m3	Total dust.
OSHA Z1A	time weighted average	10 mg/m3	Total dust.
US CA OEL	Time Weighted Average (TWA) Permissible Exposure Limit (PEL):	5 mg/m3	Respirable fraction.
US CA OEL	Time Weighted Average (TWA) Permissible Exposure Limit (PEL):	10 mg/m3	Total dust.
TALC		14807-96-6	
ACGIH	time weighted average	2 mg/m3	Respirable fraction.
NIOSH	Recommended exposure limit (REL):	2 mg/m3	Respirable.
OSHA Z1A	time weighted average	2 mg/m3	Respirable dust.
Z3	time weighted average	0.1 mg/m3	Respirable.
Z3	time weighted average	0.3 mg/m3	Total dust.
US CA OEL	Time Weighted Average (TWA) Permissible Exposure Limit (PEL):	2 mg/m3	Respirable dust.
ACGIH NIC	time weighted average	1 mg/m3	Respirable fraction.
METHYLMETHACRYLATE		80-62-6	
ACGIH	time weighted average	50 ppm	
ACGIH	Short term exposure limit	100 ppm	
NIOSH	Recommended exposure limit (REL):	100 ppm	
NIOSH	Recommended exposure limit (REL):	410 mg/m3	
OSHA Z1	Permissible exposure limit	100 ppm	
OSHA Z1	Permissible exposure limit	410 mg/m3	
SILICA AMORPHOUS (SIO2)		7631-86-9	
NIOSH	Recommended exposure limit (REL):	6 mg/m3	
ACGIH	time weighted average	10 mg/m3	
OSHA Z1A	time weighted average	6 mg/m3	
US CA OEL	Time Weighted Average (TWA) Permissible Exposure Limit (PEL):	5 mg/m3	Respirable fraction.
US CA OEL	Time Weighted Average (TWA) Permissible Exposure Limit (PEL):	10 mg/m3	Total dust.
Z3	time weighted average	0.8 mg/m3	
SILICA COLLOIDAL AMORPHOUS		112945-52-5	
Z3	time weighted average	0.8 mg/m3	

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General advice

These recommendations provide general guidance for handling this product. Personal protective equipment should be selected for individual applications and should consider factors which affect exposure potential, such as handling practices, chemical concentrations and ventilation. It is ultimately the responsibility of the employer to follow regulatory guidelines established by local authorities.

Exposure controls

Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below exposure guidelines (if applicable) or below levels that cause known, suspected or apparent adverse effects. OSHA has formally endorsed a styrene industry proposal for a voluntary 50 ppm workplace limit on styrene. Members of the Styrene Information and Research Council (SIRC), Composites Institute (CI), Composite Fabricators Association (CFA), International Cast Polymers Association (ICPA) and National Marine Manufacturers Association (NMMA) have agreed to use either engineering controls, work practices or respiratory protection to achieve this voluntary limit for styrene.

Eye protection

Wear chemical splash goggles when there is the potential for exposure of the eyes to liquid, vapor or mist.

Skin and body protection

Wear normal work clothing including long pants, long-sleeved shirts and foot covering to prevent direct contact of the product with the skin. Launder clothing before reuse. If skin irritation develops, contact your facility health and safety professional or your local safety equipment supplier to determine the proper personal protective equipment for your use. Wear resistant gloves (consult your safety equipment supplier). Discard gloves that show tears, pinholes, or signs of wear.

Respiratory protection

A NIOSH-approved air-purifying respirator with an appropriate cartridge and/or filter may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits (if applicable) or if overexposure has otherwise been determined. Protection provided by air-purifying respirators is limited. Use a positive pressure, air-supplied respirator if there is any potential for uncontrolled release, exposure levels are not known or any other circumstances where an air-purifying respirator may not provide adequate protection.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	liquid
Form	no data available

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Colour	no data available
Odour	no data available
Boiling point/boiling range	212.9 °F / 100.5 °C @ 101.32 kPa
Melting point/range	no data available
Sublimation point	no data available
pH	no data available
Flash point	26.10 °C Seta closed cup
Ignition temperature	no data available
Evaporation rate	no data available
Lower explosion limit/Upper explosion limit	1.1 %(V) / 12.5 %(V)
Particle size	no data available
Vapour pressure	5.132 kPa @ 77 °F / 25 °C
Relative vapour density	no data available
Density	1.078 g/cm ³ @ 77 °F / 25 °C
Bulk density	no data available
Water solubility	insoluble
Solubility	no data available
Partition coefficient: n-octanol/water	no data available
log Pow	no data available
Autoignition temperature	no data available
Viscosity, dynamic	no data available
Viscosity, kinematic	no data available
Solids in Solution	no data available
Decomposition temperature	no data available
Burning number	no data available
Dust explosion constant	no data available
Minimum ignition energy	no data available

10. STABILITY AND REACTIVITY

Stability

Stable under recommended storage conditions.

Conditions to avoid

Avoid heat, open flame, and prolonged storage at elevated temperatures.

Incompatible products

Acids, aluminum chloride, halogens, iron chloride, metal salts, Peroxides, strong alkalis, Strong oxidizing agents, alkalis, Strong acids, Amines, nitrates, UV light.

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Hazardous decomposition products

Hydrocarbons, toxic fumes, carbon dioxide and carbon monoxide

Hazardous reactions

Product can undergo hazardous polymerization., Avoid exposure to excessive heat, peroxides and polymerization catalysts.

Thermal decomposition

No data

11. TOXICOLOGICAL INFORMATION

Acute oral toxicity

STYRENE	: LD 50 Rat: 2,650 mg/kg
TITANIUM DIOXIDE (TiO ₂)	: LD 50 Rat: > 24,000 mg/kg
TALC	: no data available
ALUMINUM HYDROXIDE	: LD 50 Rat: > 5,000 mg/kg
METHYLMETHACRYLATE	: LD 50 Rat: 7,800 mg/kg
SILICA AMORPHOUS (SiO ₂)	: LD 50 Rat: > 10,000 mg/kg
SILICA COLLOIDAL AMORPHOUS	: LD 50 Rat: 3,160 mg/kg
COBALT COMPOUNDS	: no data available

Acute inhalation toxicity

STYRENE	: LC 50 Rat: 2800 ppm; 4 h
TITANIUM DIOXIDE (TiO ₂)	: LC 50 Rat: > 6,820 mg/m ³ ; 4 h
TALC	: no data available
ALUMINUM HYDROXIDE	: no data available
METHYLMETHACRYLATE	: LC 50 Rat: 3,750 mg/L; 8 h

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SILICA AMORPHOUS (SIO2) : LC 50 Rat: > 0.139 mg/L; 4 h

SILICA COLLOIDAL AMORPHOUS : no data available

COBALT COMPOUNDS : no data available

Acute dermal toxicity

STYRENE : no data available

TITANIUM DIOXIDE (TIO2) : LD 50 Rabbit: > 10,000 mg/kg

TALC : no data available

ALUMINUM HYDROXIDE : no data available

METHYLMETHACRYLATE : no data available

SILICA AMORPHOUS (SIO2) : LD 50 Rabbit: > 5,000 mg/kg

SILICA COLLOIDAL AMORPHOUS : no data available

COBALT COMPOUNDS : no data available

12. ECOLOGICAL INFORMATION

Biodegradability

STYRENE : no data available

TITANIUM DIOXIDE (TIO2) : no data available

TALC : no data available

ALUMINUM HYDROXIDE : no data available

METHYLMETHACRYLATE : no data available

SILICA AMORPHOUS (SIO2) : no data available

SILICA COLLOIDAL AMORPHOUS : no data available

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COBALT COMPOUNDS : no data available

Bioaccumulation

STYRENE : no data available

TITANIUM DIOXIDE (TIO2) : no data available

TALC : no data available

ALUMINUM HYDROXIDE : no data available

METHYLMETHACRYLATE : no data available

SILICA AMORPHOUS (SIO2) : no data available

SILICA COLLOIDAL AMORPHOUS : no data available

COBALT COMPOUNDS : no data available

Ecotoxicity effects

Toxicity to fish

STYRENE : no data available

TITANIUM DIOXIDE (TIO2) : no data available

TALC : no data available

ALUMINUM HYDROXIDE : no data available

METHYLMETHACRYLATE : 96 h LC 50 Fathead minnow (Pimephales promelas):
130.00 mg/L Method: Static; Mortality

SILICA AMORPHOUS (SIO2) : no data available

SILICA COLLOIDAL AMORPHOUS : no data available

COBALT COMPOUNDS : no data available

Toxicity to daphnia and other aquatic invertebrates.

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STYRENE	: no data available
TITANIUM DIOXIDE (TIO2)	: 48 h EC 50 Water flea (Daphnia magna): > 1,000.00 mg/L Method: Static Intoxication
TALC	: no data available
ALUMINUM HYDROXIDE	: no data available
METHYLMETHACRYLATE	: 24 h LC 50 Water flea (Daphnia magna): 1,760.00 mg/L Method: Static Mortality
SILICA AMORPHOUS (SIO2)	: no data available
SILICA COLLOIDAL AMORPHOUS	: no data available
COBALT COMPOUNDS	: no data available

Toxicity to algae

STYRENE	: no data available
TITANIUM DIOXIDE (TIO2)	: no data available
TALC	: no data available
ALUMINUM HYDROXIDE	: no data available
METHYLMETHACRYLATE	: no data available
SILICA AMORPHOUS (SIO2)	: no data available
SILICA COLLOIDAL AMORPHOUS	: no data available
COBALT COMPOUNDS	: no data available

Toxicity to bacteria

STYRENE	: no data available
TITANIUM DIOXIDE (TIO2)	: no data available
TALC	: no data available

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ALUMINUM HYDROXIDE : no data available
METHYLMETHACRYLATE : no data available
SILICA AMORPHOUS (SIO2) : no data available
SILICA COLLOIDAL AMORPHOUS : no data available
COBALT COMPOUNDS : no data available

Biochemical Oxygen Demand (BOD)

STYRENE : no data available
TITANIUM DIOXIDE (TIO2) : no data available
TALC : no data available
ALUMINUM HYDROXIDE : no data available
METHYLMETHACRYLATE : no data available
SILICA AMORPHOUS (SIO2) : no data available
SILICA COLLOIDAL AMORPHOUS : no data available
COBALT COMPOUNDS : no data available

Chemical Oxygen Demand (COD)

STYRENE : no data available
TITANIUM DIOXIDE (TIO2) : no data available
TALC : no data available
ALUMINUM HYDROXIDE : no data available
METHYLMETHACRYLATE : no data available
SILICA AMORPHOUS (SIO2) : no data available

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SILICA COLLOIDAL AMORPHOUS : no data available

COBALT COMPOUNDS : no data available

Additional ecological information

STYRENE : no data available

TITANIUM DIOXIDE (TIO2) : no data available

TALC : no data available

ALUMINUM HYDROXIDE : no data available

METHYLMETHACRYLATE : no data available

SILICA AMORPHOUS (SIO2) : no data available

SILICA COLLOIDAL AMORPHOUS : no data available

COBALT COMPOUNDS : no data available

13. DISPOSAL CONSIDERATIONS

Waste disposal methods

For assistance with your waste management needs - including disposal, recycling and waste stream reduction, contact Ashland Distribution's Environmental Services Group at 800-637-7922.

14. TRANSPORT INFORMATION

REGULATION

ID NUMBER	PROPER SHIPPING NAME	*HAZARD CLASS	SUBSIDIARY HAZARDS	PACKING GROUP	MARINE POLLUTANT /LTD. QTY.
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MEXICAN REGULATION FOR THE LAND TRANSPORT OF HAZARDOUS MATERIALS AND WASTES

UN	1866	RESINA, SOLUCIONES DE	3	III	
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INTERNATIONAL AIR TRANSPORT ASSOCIATION - PASSENGER

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UN	1866	Resin solution	3	III
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INTERNATIONAL AIR TRANSPORT ASSOCIATION - CARGO

UN	1866	Resin solution	3	III
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INTERNATIONAL MARITIME DANGEROUS GOODS

UN	1866	RESIN SOLUTION	3	III
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TRANSPORT CANADA - INLAND WATERWAYS

UN	1866	RESIN SOLUTION	3	III
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TRANSPORT CANADA - RAIL

UN	1866	RESIN SOLUTION	3	III
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TRANSPORT CANADA - ROAD

UN	1866	RESIN SOLUTION	3	III
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U.S. DOT - INLAND WATERWAYS

UN	1866	Resin solution	3	III
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U.S. DOT - RAIL

UN	1866	Resin solution	3	III
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U.S. DOT - ROAD

UN	1866	Resin solution	3	III
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***ORM = ORM-D, CBL = COMBUSTIBLE LIQUID**

Dangerous goods descriptions (if indicated above) may not reflect quantity, end-use or region-specific exceptions that can be applied. Consult shipping documents for descriptions that are specific to the shipment.

15. REGULATORY INFORMATION

California Prop. 65

WARNING! This product contains a chemical known to the State of California to cause cancer.	1,3, BUTADIENE LEAD ETHYLENE OXIDE ACETALDEHYDE
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	1,4-DIOXANE FORMALDEHYDE BENZENE QUARTZ (SiO2) ETHYL BENZENE
WARNING! This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.	BENZENE METHYL CHLORIDE ETHYLENE OXIDE ETHYLENE GLYCOL MONOMETHYL ETHER LEAD TOLUENE 1,3, BUTADIENE

SARA Hazard Classification

Reactivity Hazard

Fire Hazard

Acute Health Hazard

Chronic Health Hazard

SARA 313 Component(s)

STYRENE	25.27 %
METHYLMETHACRYLATE	3.00 %
COBALT 2-ETHYLHEXANOATE	0.09 %
COBALT NEODECANOATE	0.02 %
COBALT HYDROXIDE	0.00 %

New Jersey RTK Label Information

POLYMER	800986-5276P
STYRENE	100-42-5
TITANIUM DIOXIDE (TiO2)	13463-67-7
TALC	14807-96-6
ALUMINUM HYDROXIDE	21645-51-2
METHYLMETHACRYLATE	80-62-6
SILICA AMORPHOUS (SiO2)	7631-86-9
SILICA COLLOIDAL AMORPHOUS	112945-52-5

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Pennsylvania RTK Label Information

POLYMER	800986-5276P
STYRENE	100-42-5
TITANIUM DIOXIDE (TiO2)	13463-67-7
TALC	14807-96-6
ALUMINUM HYDROXIDE	21645-51-2
METHYLMETHACRYLATE	80-62-6
SILICA AMORPHOUS (SiO2)	7631-86-9
SILICA COLLOIDAL AMORPHOUS	112945-52-5

Notification status

US. Toxic Substances Control Act	y (positive listing)
Canada. Canadian Environmental Protection Act (CEPA). Domestic Substances List (DSL). (Can. Gaz. Part II, Vol. 133)	y (positive listing)
Australia. Industrial Chemical (Notification and Assessment) Act	n (Negative listing)
New Zealand. Inventory of Chemicals (NZIoC), as published by ERMA New Zealand	n (Negative listing)
Japan. Kashin-Hou Law List	n (Negative listing)
Korea. Toxic Chemical Control Law (TCCL) List	n (Negative listing)
Philippines. The Toxic Substances and Hazardous and Nuclear Waste Control Act	n (Negative listing)
China. Inventory of Existing Chemical Substances	y (positive listing)

Reportable quantity - Product

US. EPA CERCLA Hazardous Substances (40 CFR 302) 3956 lbs

Reportable quantity-Components

STYRENE 100-42-5 1000 lbs

	HMIS	NFPA
Health	2*	2
Flammability	3	3
Physical hazards	2	
Instability		2
Specific Hazard	--	--

16. OTHER INFORMATION

ASHLAND
SAFETY DATA SHEET

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The information accumulated herein is believed to be accurate but is not warranted to be whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances. This MSDS has been prepared by Ashland's Environmental Health and Safety Department (1-800-325-3751).