

1. IDENTIFICATION

PRODUCT IDENTIFIER:

PRODUCT FORM Mixture
PRODUCT NAME SprayRoq 6100 Part A
SYNONYMS: Epoxy

INTENDED USE OF THE PRODUCT:

USE OF SUBSTANCE/MIXTURE: Gap fill, crack fill, structural support. For professional use only

NAME, ADDRESS & TELEPHONE
OF RESPONSIBLE PARTY

SPRAYROO

Company

2870 Crestwood Blvd
Irondale, AL 35210
(205)957-0020
Sprayroq.com

CREATIVE POLYMER SOLUTIONS

Manufacturer

2720 Southeastern Cir
Birmingham, AL 35215
(205) 440-4996

Emergency:

CHEMTREC +1.703.741.5970

2. HAZARD(S) IDENTIFICATION

CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

GHS US CLASSIFICATION:

FLAM. LIQ. 4 H227
ACUTE TOX. 4 (ORAL) H302
ACUTE TOX. 3 (DERMAL) H311
SKIN CORR. 1B H314
EYE DAM. 1 H318
SKIN SENS. 1 H317
MUTA. 2 H341
CARC. 1A H350
STOT SE 3 H335
AQUATIC ACUTE 2 H401
AQUATIC CHRONIC 3 H412

Full text of hazard classes and H-statements : see section 16



GHS-US LABEL ELEMENTS

HAZARD PICTOGRAMS



SIGNAL WORD: DANGER

HAZARD STATEMENTS:

H227	Combustible liquid
H302	Harmful if swallowed
H311	Toxic in contact with skin
H314	Causes severe skin burns and eye damage
H317	May cause an allergic skin reaction
H318	Causes serious eye damage
H335	May cause respiratory irritation
H341	Suspected of causing genetic defects
H350	May cause cancer
H401	Toxic to aquatic life
H412	Harmful to aquatic life with long lasting effects

PRECAUTIONARY STATEMENTS:

P201	Obtain special instructions before use
P202	Do not handle until all safety precautions have been read and understood
P210	Keep away from extremely high or low temperatures, ignition sources, and incompatible materials. - No smoking
P260	Do not breathe vapors, mist, or spray
P264	Wash hands, forearms, and other exposed areas thoroughly after handling
P270	Do not eat, drink or smoke when using this product
P271	Use only outdoors or in a well-ventilated area
P272	Contaminated work clothing must not be allowed out of the workplace
P273	Avoid release to the environment
P280	Wear protective gloves, protective clothing, and eye protection
P301+P312	If swallowed: Call a poison center or doctor if you feel unwell
P301+P330+P331	If swallowed: rinse mouth. Do NOT induce vomiting
P303+P361+P353	If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304+P340	If inhaled: Remove person 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.
P321	Specific treatment (see section 4 on this SDS)
P322	Specific treatment (see ... on this label)
P330	Rinse mouth
P333+P313	If skin irritation or rash occurs: Get medical advice/attention
P361+P364	Take off immediately all contaminated clothing and wash it before reuse



P363	Wash contaminated clothing before reuse
P370+P378	In case of fire: Use appropriate media (see section 5) to extinguish. P405 - Store locked up
P501	Dispose of contents/container in accordance with local, regional, national, and international regulations
P403+P233+P235	Store in a well-ventilated place. Keep container tightly closed. Keep cool
P308+310+313	If exposed or concerned: Get medical advice/attention. Immediately call a poison center or doctor

OTHER HAZARDS:

Exposure may aggravate pre-existing eye, skin, or respiratory conditions.

UNKNOWN ACUTE TOXICITY:

No data available

3. COMPOSITION/INFORMATION ON INGREDIENTS

SUBSTANCE:

Not applicable

MIXTURE:	PRODUCT IDENTIFIER	%*	GHS-US CLASSIFICATION
Wollastonite (Ca(SiO₃))	(CAS-No.) 13983-17-0	45 - 50	Not classified
FORMALDEHYDE	(CAS-No.) 50-00-0	10 - 30	Acute Tox. 3 (Oral), H301 Acute Tox. 3 (Dermal), H311 Acute Tox. 3 (Inhalation:gas), H331 Skin Corr. 1B, H314 Eye Dam. 1, H318 Skin Sens. 1, H317 Muta. 2, H341 Carc. 1A, H350 STOT SE 3, H335 Aquatic Acute 3, H402
BENZYL ALCOHOL	(CAS-No.) 100-51-6	0.5 - 25	Flam. Liq. 4, H227 Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Inhalation:vapour), H332 Eye Irrit. 2A, H319 Aquatic Acute 2, H401
AMINES, POLYETHYLENEPOLY-, TETRAETHYLENEPENTAMINE FRACTION	(CAS-NO.) 90640-66-7	1-5	ACUTE TOX. 4 (ORAL), H302 ACUTE TOX. 4 (DERMAL), H312 SKIN CORR. 1B, H314 SKIN SENS. 1, H317 AQUATIC CHRONIC 2, H411



ISOPHORONE DIAMINE	(CAS-No.) 2855-13-2	< 1	Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312 Skin Corr. 1B, H314 Eye Dam. 1, H318 Skin Sens. 1, H317 Aquatic Acute 3, H402 Aquatic Chronic 3, H412
PHENOL	(CAS-No.) 108-95-2	< 0.5	Acute Tox. 3 (Oral), H301 Acute Tox. 3 (Dermal), H311 Acute Tox. 3 (Inhalation), H331 Skin Corr. 1B, H314 Eye Dam. 1, H318 Muta. 2, H341 STOT RE 2, H373 Aquatic Acute 3, H402 Aquatic Chronic 2, H411

Full text of H-phrases: see section 16

**The specific chemical identity and/or exact percentage of composition have been withheld as a trade secret [29 CFR 1910.1200].*

4. FIRST AID MEASURES

FIRST-AID MEASURES GENERAL:

Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

FIRST-AID MEASURES AFTER INHALATION:

When symptoms occur: go into open air and ventilate suspected area. Obtain medical attention if breathing difficulty persists.

FIRST-AID MEASURES AFTER SKIN CONTACT:

Get immediate medical advice/attention. Remove contaminated clothing. Immediately flush skin with plenty of water for at least 60 minutes. Wash contaminated clothing before reuse. Immediately call a POISON CENTER or doctor.

FIRST-AID MEASURES AFTER EYE CONTACT:

Get immediate medical advice/attention. Rinse cautiously with water for at least 60 minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

FIRST-AID MEASURES AFTER INGESTION:

Rinse mouth. Do NOT induce vomiting. Obtain medical attention.



MOST IMPORTANT SYMPTOMS AND EFFECTS BOTH ACUTE AND DELAYED

SYMPTOMS/INJURIES:

May cause respiratory irritation. Harmful if swallowed. Toxic in contact with skin. Causes severe skin burns and eye damage. Causes serious eye damage. Skin sensitization. Suspected of causing genetic defects. May cause cancer.

SYMPTOMS/INJURIES AFTER INHALATION:

Irritation of the respiratory tract and the other mucous membranes. May be corrosive to the respiratory tract.

SYMPTOMS/INJURIES AFTER SKIN CONTACT:

This material is toxic in small amounts through skin contact, and can cause adverse health effects or death. This material may be absorbed through the skin and eyes. Causes severe irritation which will progress to chemical burns. May cause an allergic skin reaction.

SYMPTOMS/INJURIES AFTER EYE CONTACT:

Causes permanent damage to the cornea, iris, or conjunctiva.

SYMPTOMS/INJURIES AFTER INGESTION:

This material is harmful orally and can cause adverse health effects or death in significant amounts. May cause burns or irritation of the linings of the mouth, throat, and gastrointestinal tract.

CHRONIC SYMPTOMS:

Suspected of causing genetic defects. May cause cancer.

INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

If exposed or concerned, get medical advice and attention. If medical advice is needed, have product container or label at hand.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA

SUITABLE EXTINGUISHING MEDIA:

Dry chemical powder, alcohol-resistant foam, carbon dioxide (CO₂). Water may be ineffective but water should be used to keep fire-exposed container cool.

UNSUITABLE EXTINGUISHING MEDIA:

Do not use a heavy water stream. A heavy water stream may spread burning liquid.

SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE

FIRE HAZARD:

Combustible liquid.

EXPLOSION HAZARD:

May form flammable or explosive vapor-air mixture.



REACTIVITY:

Reacts violently with strong oxidizers. Increased risk of fire or explosion. May react exothermically with water releasing heat. Adding an acid to a base or base to an acid may cause a violent reaction.

ADVICE FOR FIREFIGHTERS

PRECAUTIONARY MEASURES FIRE:

Exercise caution when fighting any chemical fire.

FIREFIGHTING INSTRUCTIONS:

Use water spray or fog for cooling exposed containers. In case of major fire and large quantities: Evacuate area. Fight fire remotely due to the risk of explosion.

PROTECTION DURING FIREFIGHTING:

Do not enter fire area without proper protective equipment, including respiratory protection.

HAZARDOUS COMBUSTION PRODUCTS:

Formaldehyde vapours. Carbon oxides (CO, CO₂). Nitrogen oxides. Silicon oxides. Phenolic compounds.

OTHER INFORMATION:

Do not allow run-off from fire fighting to enter drains or water courses.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

GENERAL MEASURES:

Do not get in eyes, on skin, or on clothing. Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking. Use special care to avoid static electric charges. Do not breathe vapor, mist or spray. Do not handle until all safety precautions have been read and understood.

FOR NON-EMERGENCY PERSONNEL

PROTECTIVE EQUIPMENT:

Use appropriate personal protective equipment (PPE).

EMERGENCY PROCEDURES:

Evacuate unnecessary personnel. Stop leak if safe to do so.

FOR EMERGENCY PERSONNEL

PROTECTIVE EQUIPMENT:

Equip cleanup crew with proper protection.

EMERGENCY PROCEDURES:

Upon arrival at the scene, a first responder is expected to recognize the presence of dangerous goods, protect oneself and the public, secure the area, and call for the assistance of trained personnel as soon as conditions permit. Ventilate area. Eliminate ignition sources.



ENVIRONMENTAL PRECAUTIONS

Prevent entry to sewers and public waters. Avoid release to the environment.

METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP

FOR CONTAINMENT:

Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. As an immediate precautionary measure, isolate spill or leak area in all directions.

METHODS FOR CLEANING UP:

Clean up spills immediately and dispose of waste safely. Transfer spilled material to a suitable container for disposal. Contact competent authorities after a spill. Absorb and/or contain spill with inert material. Do not take up in combustible material such as: saw dust or cellulosic material. Use only non-sparking tools. Cautiously neutralize spilled liquid.

REFERENCE TO OTHER SECTIONS

See Section 8 for exposure controls and personal protection and Section 13 for disposal considerations.

7. HANDLING & STORAGE

PRECAUTIONS FOR SAFE HANDLING

ADDITIONAL HAZARDS WHEN PROCESSED:

Handle empty containers with care because residual vapors are flammable. May release corrosive vapors.

PRECAUTIONS FOR SAFE HANDLING:

Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Take precautionary measures against static discharge. Use only non-sparking tools. Avoid contact with eyes, skin and clothing. Handle empty containers with care because they may still present a hazard. Do not get in eyes, on skin, or on clothing. Do not breathe mist, spray, vapors. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood.

HYGIENE MEASURES:

Handle in accordance with good industrial hygiene and safety procedures.

CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

TECHNICAL MEASURES:

Comply with applicable regulations. Take action to prevent static discharges. Ground and bond container and receiving equipment. Use explosion-proof electrical, ventilating, and lighting equipment.

STORAGE CONDITIONS:

Store in a dry, cool place. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials. Store in a well-ventilated place. Keep container tightly closed. Keep in fireproof place. Store locked up. Store in original container or corrosive resistant and/or lined container.

INCOMPATIBLE PRODUCTS:

Strong acids, strong bases, strong oxidizers. Metals.

SPECIFIC END USE(S)

Gap fill, crack fill, structural support. For professional use only.



8. EXPOSURE CONTROL/PERSONAL PROTECTION

CONTROL PARAMETERS

For substances listed in section 3 that are not listed here, there are no established exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency including: ACGIH (TLV), AIHA (WEEL), NIOSH (REL), or OSHA (PEL).

Benzyl alcohol (100-51-6)

USA AIHA	WEEL TWA (ppm)	10 ppm
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Formaldehyde (50-00-0)

USA ACGIH	ACGIH Ceiling (ppm)	0.3 ppm
USA ACGIH	ACGIH chemical category	dermal sensitizer,Suspected Human Carcinogen
USA NIOSH	NIOSH REL (TWA) (ppm)	0.016 ppm
USA NIOSH	NIOSH REL (ceiling) (ppm)	0.1 ppm
USA IDLH	US IDLH (ppm)	20 ppm
USA OSHA	OSHA PEL (TWA) (ppm)	0.75 ppm
USA OSHA	OSHA PEL (STEL) (ppm)	2 ppm (see 29 CFR 1910.1048)

Phenol (108-95-2)

USA ACGIH	ACGIH TWA (ppm)	5 ppm
USA ACGIH	ACGIH chemical category	Skin - potential significant contribution to overall exposure by the cutaneous route,Not Classifiable as a Human Carcinogen
USA ACGIH	Biological Exposure Indices (BEI)	250 mg/g Kreatinin Parameter: Phenol with hydrolysis - Medium: urine - Sampling time: end of shift (background, nonspecific)
USA NIOSH	NIOSH REL (TWA) (mg/m ³)	19 mg/m ³
USA NIOSH	NIOSH REL (TWA) (ppm)	5 ppm
USA NIOSH	NIOSH REL (ceiling) (mg/m ³)	60 mg/m ³
USA NIOSH	NIOSH REL (ceiling) (ppm)	15.6 ppm
USA IDLH	US IDLH (ppm)	250 ppm
USA OSHA	OSHA PEL (TWA) (mg/m ³)	19 mg/m ³
USA OSHA	OSHA PEL (TWA) (ppm)	5 ppm
USA OSHA	Limit value category (OSHA)	prevent or reduce skin absorption

Wollastonite (Ca(SiO₃)) (13983-17-0)

USA ACGIH	ACGIH TWA (mg/m ³)	1 mg/m ³ (inhalable particulate matter, particulate matter containing no asbestos and <1% crystalline silica)
USA ACGIH	ACGIH chemical category	Not Classifiable as a Human Carcinogen



EXPOSURE CONTROLS

APPROPRIATE ENGINEERING CONTROLS:

Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure adequate ventilation, especially in confined areas. Ensure all national/local regulations are observed. Gas detectors should be used when flammable gases or vapors may be released. Proper grounding procedures to avoid static electricity should be followed. Use explosion-proof equipment.

PERSONAL PROTECTIVE EQUIPMENT:

Gloves. Protective clothing. Protective goggles. Insufficient ventilation: wear respiratory protection. Face shield.



MATERIALS FOR PROTECTIVE CLOTHING:

Chemically resistant materials and fabrics. Wear fire/flame resistant/retardant clothing. Corrosion-proof clothing.

HAND PROTECTION:

Wear protective gloves.

EYE PROTECTION:

Chemical safety goggles and face shield. Chemical safety goggles.

SKIN AND BODY PROTECTION:

Wear suitable protective clothing.

RESPIRATORY PROTECTION:

If exposure limits are exceeded or irritation is experienced, approved respiratory protection should be worn. In case of inadequate ventilation, oxygen deficient atmosphere, or where exposure levels are not known wear approved respiratory protection.

OTHER INFORMATION:

When using, do not eat, drink or smoke.



9. PHYSICAL & CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties

Physical State	Liquid
Appearance	Opaque
Odor	Musty
Odor Threshold	No data available
pH	No data available
Evaporation Rate	No data available
Melting Point	No data available
Freezing Point	No data available
Boiling Point	No data available
Flash Point	No data available
Auto-ignition Temperature	No data available
Decomposition Temperature	No data available
Flammability (solid, gas)	No data available
Vapor Pressure	No data available
Relative Vapor Density at 20°C	No data available
Relative Density	No data available
Solubility	No data available
Partition Coefficient: N-Octanol/Water	No data available
Viscosity	No data available

10. STABILITY & REACTIVITY

REACTIVITY:

Reacts violently with strong oxidizers. Increased risk of fire or explosion. May react exothermically with water releasing heat. Adding an acid to a base or base to an acid may cause a violent reaction.

CHEMICAL STABILITY:

Combustible liquid. May form flammable or explosive vapor-air mixture.

POSSIBILITY OF HAZARDOUS REACTIONS:

Hazardous polymerization will not occur.

CONDITIONS TO AVOID:

Direct sunlight, extremely high or low temperatures, heat, hot surfaces, sparks, open flames, incompatible materials, and other ignition sources.

INCOMPATIBLE MATERIALS:

Strong acids, strong bases, strong oxidizers. Metals.

HAZARDOUS DECOMPOSITION PRODUCTS:

Thermal decomposition generates: Corrosive vapors.



11. TOXICOLOGICAL INFORMATION

INFORMATION ON TOXICOLOGICAL EFFECTS

ACUTE TOXICITY:

Oral: Harmful if swallowed. Dermal: Toxic in contact with skin.

SPRAYROQ 6100 PART A

ATE (ORAL) 334.23 MG/KG BODY WEIGHT

ATE (DERMAL) 951.97 MG/KG BODY WEIGHT

BENZYL ALCOHOL (100-51-6)

LD50 ORAL RAT 1230 MG/KG

LD50 DERMAL RABBIT > 2000 MG/KG

LC50 INHALATION RAT > 4178 MG/L/4H

LC50 INHALATION RAT > 4.178 MG/L/4H

ATE (VAPORS) 11.00 MG/L/4H

FORMALDEHYDE (50-00-0)

LD50 ORAL RAT 100 MG/KG

LD50 DERMAL RABBIT 270 MG/KG

ATE (GASES) 700.00 PPMV/4H

ISOPHORONE DIAMINE (2855-13-2)

LD50 ORAL RAT 1030 MG/KG

ATE (DERMAL) 1,100.00 MG/KG BODY WEIGHT

PHENOL (108-95-2)

LD50 ORAL RAT 340 MG/KG

LD50 DERMAL RABBIT 630 MG/KG

LC50 INHALATION RAT 0.316 MG/L/4H (Reported AS 316 MG/M3/4H)

ATE (GASES) 700.00 PPMV/4H

AMINES, POLYETHYLENEPOLY-, TETRAETHYLENEPENTAMINE FRACTION (90640-66-7)

ATE (ORAL) 500.00 MG/KG BODY WEIGHT

ATE (DERMAL) 1,100.00 MG/KG BODY WEIGHT

SKIN CORROSION/IRRITATION: Causes severe skin burns and eye damage

SERIOUS EYE DAMAGE/IRRITATION: Causes serious eye damage

RESPIRATORY OR SKIN SENSITIZATION: May cause an allergic skin reaction

GERM CELL MUTAGENICITY: Suspected of causing genetic defects

CARCINOGENICITY: May cause cancer

FORMALDEHYDE (50-00-0)

IARC GROUP 1

NATIONAL TOXICOLOGY PROGRAM (NTP) STATUS Known Human Carcinogens

OSHA HAZARD COMMUNICATION CARCINOGEN LIST In OSHA Hazard Communication Carcinogen list

OSHA SPECIFICALLY REGULATED CARCINOGEN LIST In OSHA Specifically Regulated Carcinogen list

PHENOL (108-95-2)

IARC GROUP 3

NATIONAL TOXICOLOGY PROGRAM (NTP) STATUS Twelfth Report - Items under consideration

WOLLASTONITE (CA(SIO3)) (13983-17-0)

IARC GROUP 3



REPRODUCTIVE TOXICITY:

Not classified

SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE):

May cause respiratory irritation

SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE):

Not classified

ASPIRATION HAZARD

Not classified

SYMPTOMS/INJURIES AFTER INHALATION:

Irritation of the respiratory tract and the other mucous membranes. May be corrosive to the respiratory tract

SYMPTOMS/INJURIES AFTER SKIN CONTACT:

This material is toxic in small amounts through skin contact, and can cause adverse health effects or death. This material may be absorbed through the skin and eyes. Causes severe irritation which will progress to chemical burns. May cause an allergic skin reaction.

SYMPTOMS/INJURIES AFTER EYE CONTACT:

Causes permanent damage to the cornea, iris, or conjunctiva.

SYMPTOMS/INJURIES AFTER INGESTION:

This material is harmful orally and can cause adverse health effects or death in significant amounts. May cause burns or irritation of the linings of the mouth, throat, and gastrointestinal tract.

CHRONIC SYMPTOMS:

Suspected of causing genetic defects. May cause cancer.

12. ECOLOGICAL INFORMATION

TOXICITY

ECOLOGY - GENERAL

Toxic to aquatic life. Harmful to aquatic life with long lasting effects

BENZYL ALCOHOL (100-51-6)

LC50 FISH 1	460 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])
EC50 DAPHNIA 1	23 mg/l (Exposure time: 48 h - Species: water flea)
LC50 FISH 2	10 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])
ERC50 (ALGAE)	770 MG/L



FORMALDEHYDE (50-00-0)

LC50 FISH 1	22.6 - 25.7 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])
EC50 DAPHNIA 1	2 mg/l (Exposure time: 48 h - Species: Daphnia magna)
LC50 FISH 2	1510 ug/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])
EC50 DAPHNIA 2	11.3 - 18 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])

ISOPHORONE DIAMINE (2855-13-2)

EC50 DAPHNIA 1	14.6 - 21.5 mg/l (Exposure time: 48 h - Species: Daphnia magna [semi-static])
NOEC CHRONIC CRUSTACEA	3 MG/L

PHENOL (108-95-2)

LC50 FISH 1	11.9 - 50.5 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])
EC50 DAPHNIA 1	4.24 - 10.7 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])
LC50 FISH 2	20.5 - 25.6 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])
EC50 DAPHNIA 2	10.2 - 15.5 mg/l (Exposure time: 48 h - Species: Daphnia magna)

PERSISTENCE AND DEGRADABILITY

SPRAYROQ 6100 PART A

PERSISTENCE AND DEGRADABILITY	May cause long-term adverse effects in the environment
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BIOACCUMULATIVE POTENTIAL

SPRAYROQ 6100 PART A

BIOACCUMULATIVE POTENTIAL	Not established
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BENZYL ALCOHOL (100-51-6)

LOG POW	11
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FORMALDEHYDE (50-00-0)

LOG POW	0.35 (at 25 °C)
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ISOPHORONE DIAMINE (2855-13-2)

LOG POW	0.79 (at 23 °C)
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PHENOL (108-95-2)

BCF FISH 1	(no significant bioaccumulation)
LOG POW	1.5

MOBILITY IN SOIL

No additional information available

OTHER ADVERSE EFFECTS

Avoid release to the environment



13. DISPOSAL CONSIDERATIONS

WASTE TREATMENT METHODS

WASTE DISPOSAL RECOMMENDATIONS:

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

ADDITIONAL INFORMATION:

Handle empty containers with care because residual vapors are flammable.

ECOLOGY - WASTE MATERIALS:



Avoid release to the environment. This material is hazardous to the aquatic environment. Keep out of sewers and waterways.

14. TRANSPORT INFORMATION

The shipping description(s) stated herein were prepared in accordance with certain assumptions at the time the SDS was authored, and can vary based on a number of variables that may or may not have been known at the time the SDS was issued.



IN ACCORDANCE WITH DOT

PROPER SHIPPING NAME	CORROSIVE LIQUIDS, TOXIC, N.O.S. (Formaldehyde and Amines, polyethylenepoly-, tetraethylenepentamine fraction)
HAZARD CLASS	8
IDENTIFICATION NUMBER	UN2922
LABEL CODES	8, 6.1
PACKING GROUP	II
ERG NUMBER	154

IN ACCORDANCE WITH IMDG

PROPER SHIPPING NAME	CORROSIVE LIQUID, TOXIC, N.O.S. (Formaldehyde and Amines, poly ethylenepoly-, tetraethylenepentamine fraction)
HAZARD CLASS	8
SUBSIDIARY RISK(S)	6.1
IDENTIFICATION NUMBER	UN2922
PACKING GROUP	II
LABEL CODES	8, 6.1
EMS-NO. (FIRE)	F-A
EMS-NO. (SPILLAGE)	S-B



IN ACCORDANCE WITH IATA

PROPER SHIPPING NAME	CORROSIVE LIQUID, TOXIC, N.O.S. (Formaldehyde and Amines, poly ethylenepoly-, tetraethylenepentamine fraction)
PACKING GROUP	II
IDENTIFICATION NUMBER	UN2922
HAZARD CLASS	8
LABEL CODES	8, 6.1
SUBSIDIARY RISK(S)	6.1
ERG CODE (IATA)	8P



15. REGULATORY INFORMATION

US FEDERAL REGULATIONS

SPRAYROQ 6100 PART A

SARA SECTION 311/312 HAZARD CLASSES Fire hazard
Immediate (acute) health hazard
Delayed (chronic) health hazard

BENZYL ALCOHOL (100-51-6)

LISTED ON THE UNITED STATES TSCA (TOXIC SUBSTANCES CONTROL ACT) INVENTORY

FORMALDEHYDE (50-00-0)

LISTED ON THE UNITED STATES TSCA (TOXIC SUBSTANCES CONTROL ACT) INVENTORY

LISTED ON THE UNITED STATES SARA SECTION 302

SUBJECT TO REPORTING REQUIREMENTS OF UNITED STATES SARA SECTION 313

CERCLA RQ 100lb

SARA SECTION 302 THRESHOLD

PLANNING QUANTITY (TPQ) 500lb

SARA SECTION 313 - EMISSION REPORTING 0.1%

ISOPHORONE DIAMINE (2855-13-2)

LISTED ON THE UNITED STATES TSCA (TOXIC SUBSTANCES CONTROL ACT) INVENTORY

PHENOL (108-95-2)

LISTED ON THE UNITED STATES TSCA (TOXIC SUBSTANCES CONTROL ACT) INVENTORY

LISTED ON THE UNITED STATES SARA SECTION 302

SUBJECT TO REPORTING REQUIREMENTS OF UNITED STATES SARA SECTION 313

CERCLA RQ 1000lb

SARA SECTION 302 THRESHOLD

PLANNING QUANTITY (TPQ) 500-10000lb

SARA SECTION 313 - EMISSION REPORTING 1%



US STATE REGULATIONS

FORMALDEHYDE (50-00-0)

U.S. - CALIFORNIA - PROPOSITION 65 - CARCINOGENS LIST WARNING: This product contains chemicals known to the State of California to cause cancer.

BENZYL ALCOHOL (100-51-6)

U.S. - MASSACHUSETTS Right To Know List

U.S. - PENNSYLVANIA RTK (Right to Know) List

FORMALDEHYDE (50-00-0)

U.S. - MASSACHUSETTS Right To Know List

U.S. - NEW JERSEY Right to Know Hazardous Substance List

U.S. - PENNSYLVANIA RTK (Right to Know) - Environmental Hazard List

U.S. - PENNSYLVANIA RTK (Right to Know) - Special Hazardous Substances

U.S. - PENNSYLVANIA RTK (Right to Know) List

ISOPHORONE DIAMINE (2855-13-2)

U.S. - NEW JERSEY Right to Know Hazardous Substance List

PHENOL (108-95-2)

U.S. - MASSACHUSETTS Right To Know List

U.S. - NEW JERSEY Right to Know Hazardous Substance List

U.S. - PENNSYLVANIA RTK (Right to Know) - Environmental Hazard List

U.S. - PENNSYLVANIA RTK (Right to Know) List

16. OTHER INFORMATION

DATE OF PREPARATION OR LATEST REVISION: 05/16/2017

OTHER INFORMATION: This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200

GHS Full Text Phrases:

Acute Tox. 3 (Dermal)	Acute toxicity (dermal) Category 3
Acute Tox. 3 (Inhalation)	Acute toxicity (inhalation) Category 3
Acute Tox. 3 (Inhalation:gas)	Acute toxicity (inhalation:gas) Category 3
Acute Tox. 3 (Oral)	Acute toxicity (oral) Category 3
Acute Tox. 4 (Dermal)	Acute toxicity (dermal) Category 4
Acute Tox. 4 (Inhalation:vapour)	Acute toxicity (inhalation:vapour) Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral) Category 4
Aquatic Acute 2	Hazardous to the aquatic environment - Acute Hazard Category 2



GHS Full Text Phrases:

Aquatic Acute 3	Hazardous to the aquatic environment - Acute Hazard Category 3
Aquatic Chronic 2	Hazardous to the aquatic environment - Chronic Hazard Category 2
Aquatic Chronic 3	Hazardous to the aquatic environment - Chronic Hazard Category 3
Carc. 1A	Carcinogenicity Category 1A
Eye Dam. 1	Serious eye damage/eye irritation Category 1
Eye Irrit. 2A	Serious eye damage/eye irritation Category 2A
Flam. Liq. 4	Flammable liquids Category 4
Muta. 2	Germ cell mutagenicity Category 2
Skin Corr. 1B	Skin corrosion/irritation Category 1B
Skin Sens. 1	Skin sensitization, Category 1
STOT RE 2	Specific target organ toxicity (repeated exposure) Category 2
STOT SE 3	Specific target organ toxicity (single exposure) Category 3
H227	Combustible liquid
H301	Toxic if swallowed
H302	Harmful if swallowed
H311	Toxic in contact with skin
H312	Harmful in contact with skin
H314	Causes severe skin burns and eye damage
H317	May cause an allergic skin reaction
H318	Causes serious eye damage
H319	Causes serious eye irritation
H331	Toxic if inhaled
H332	Harmful if inhaled
H335	May cause respiratory irritation
H341	Suspected of causing genetic defects
H350	May cause cancer
H373	May cause damage to organs through prolonged or repeated exposure
H401	Toxic to aquatic life
H402	Harmful to aquatic life
H411	Toxic to aquatic life with long lasting effects
H412	Harmful to aquatic life with long lasting effects

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.