SECTION 1: Identification and Company Details

Product Name: 8200 Quick Bond Spray Adhesive
Product Code: 8200
Manufacturer/ Supplier: Roberts Consolidated Industries, Inc.
Address: 300 Cross Plains Blvd.
Dalton, GA 30721
Emergency Phone: (800) 424-9300 (24-hour Response / CHEMTREC)
Product Information: (706) 277-5294

SECTION 2: Hazard(s) Identification

OSHA / HCS Status: This material is considered hazardous by the OSHA Hazard.

Physical hazards:
- Flammable aerosols Category 1
- Gases under pressure Liquefied Gas

Health Hazards
- Skin corrosion/irritation Category 2
- Serious eye damage/eye irritation Category 2
- Reproductive toxicity (fertility) Category 2
- Specific target organ toxicity, single exposure Category 3 narcotic effect
- Specific target organ toxicity, repeated exposure Category 2
- Aspiration hazard Category 1

OSHA defined hazards: Not Classified
Signal Word: Danger

Hazard Statements:
- Extremely flammable aerosol
- Contains gas under pressure; may explode if heated
- May be fatal if swallowed and enters airways
- Causes skin irritation
- Causes serious eye irritation
- May cause drowsiness or dizziness
- Suspected of damaging unborn child
- Suspected of damaging fertility
- May cause damage to organs through prolonged or repeated exposure

Hazard Pictograms:

Precautionary Statements:
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 breathe gas. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection. If swallowed: Immediately call a poison center/doctor. Do NOT induce vomiting. If on skin: Wash with plenty of water. If inhaled: Remove person to fresh air and keep comfortable for breathing. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If exposed or concerned: Get medical advice/attention. Call a poison center/docotor if you feel unwell. If skin irritation occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. If swallowed, any exposure persists: Get medical advice/attention. Take off contaminated clothing and wash before reuse.

Storage:
Store in a well-ventilated place. Keep container tightly closed. Store locked up. Protect from sunlight. Store in a well-ventilated place. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

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

Environmental hazards:
- Hazardous to the aquatic environment, acute Category 3
- Hazardous to the aquatic environment, long term hazard Category 3

Hazard(s) not otherwise Classified (HNOC): None known.

Supplemental information: None.
SECTION 3: Composition / Information on Ingredients

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Weight %</th>
<th>CAS #</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acetone</td>
<td>20 – 40</td>
<td>67-64-1</td>
</tr>
<tr>
<td>Propane</td>
<td>20 – 40</td>
<td>74-98-6</td>
</tr>
<tr>
<td>Dimethyl Ether</td>
<td>10 - 20</td>
<td>115-10-6</td>
</tr>
<tr>
<td>n-Hexane</td>
<td>10 - 20</td>
<td>110-54-3</td>
</tr>
<tr>
<td>2-Methylpentane</td>
<td>2.5 – 10</td>
<td>107-83-5</td>
</tr>
<tr>
<td>3-Methylpentane</td>
<td>1 - 2.5</td>
<td>96-14-0</td>
</tr>
<tr>
<td>Other components below reportable levels</td>
<td>10 - 20</td>
<td></td>
</tr>
</tbody>
</table>

*Designates that a specific chemical identity and/or percentage of composition has been withheld as a trade secret.

SECTION 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: Remove contaminated clothing. Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. Wash contaminated clothing before reuse.

Eye Contact: Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.

Ingestion: Not likely, due to the form of the product. Call a physician or poison control center immediately. Rinse mouth. 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. May cause drowsiness and dizziness. Headache. Nausea, vomiting. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Skin irritation. May cause redness and pain. 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.

General information: IF exposed or concerned: Get medical advice/attention. If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance.

SECTION 5: Fire-Fighting Measures


Unsuitable extinguishing Media: 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 explode when exposed to heat or flame. During fire, gases hazardous to health may be formed.

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

Firefighting equipment/Instructions: In case of fire: Stop leak if safe to do so. Do not move cargo or vehicle if cargo has been exposed to heat. Move containers from fire area if you can do so without risk. Containers should be cooled with water to prevent vapor pressure build up. For massive fire in cargo area, use unmanned hose holder or monitor nozzles, if possible. If not, withdraw and let fire burn out.

Specific Methods: Use standard firefighting procedures and consider the hazards of other involved materials. Move containers from fire area if you can do so without risk. In the event of fire and/or explosion do not breathe fumes.

General fire hazards: Extremely flammable aerosol. Contents under pressure. Pressurized container may explode when exposed to heat or flame.

SECTION 6: Accidental Release Measures
Personal Precautions: Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Wear appropriate protective equipment and clothing during clean-up. Do not breathe gas. 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.

Environmental Precautions: Small spills: wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. For waste disposal, see section 13 of the SDS. 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. Avoid discharge into drains, water courses or onto the ground.

Methods of Clean-up: Refer to attached safety data sheets and/or instructions for use. Stop leak if you can do so without risk. Move the cylinder to a safe and open area if the leak is irreparable. Isolate area until gas has dispersed. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. Prevent product from entering drains. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.

SECTION 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. All equipment used when handling the product must be grounded. Close valve after each use and when empty. Protect cylinders from physical damage; do not drag, roll, slide or drop. When moving cylinders, even for short distances, use a cart (trolley, hand truck, etc.) designed to transport cylinders. Suck back of water into the container must be in place, and firmly secured to prevent falling or being knocked over. Cylinders should be stored upright, with valve protection cap in place, and firmly secured to prevent falling or being knocked over. Store away from incompatible materials (see Section 10 of the SDS).

Conditions for Safe Storage: Level 3 Aerosol. Store locked up. 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. Cylinders should be stored upright, with valve protection cap in place, and firmly secured to prevent falling or being knocked over. Store away from incompatible materials (see Section 10 of the SDS).

SECTION 8: Exposure Control / Personal Protection

OCCUPATIONAL EXPOSURE LIMITS:

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acetone (CAS 67-64-1)</td>
<td>PEL</td>
<td>2400 mg/m3</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1000 ppm</td>
</tr>
<tr>
<td>n-Hexane (CAS 110-54-3)</td>
<td>PEL</td>
<td>1800 mg/m3</td>
</tr>
<tr>
<td></td>
<td></td>
<td>500 ppm</td>
</tr>
<tr>
<td>Propane (CAS 74-98-6)</td>
<td>PEL</td>
<td>1800 mg/m3</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1000 ppm</td>
</tr>
</tbody>
</table>

US ACGIH Threshold Limit Values

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-Methylpentane (CAS 107-83-5)</td>
<td>STEL</td>
<td>1000 ppm</td>
</tr>
<tr>
<td>Acetone (CAS 67-64-1)</td>
<td>TWA</td>
<td>500 ppm</td>
</tr>
</tbody>
</table>
US NIOSH: Pocket Guide to Chemical Hazards

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>n-Hexane (CAS 110-54-3)</td>
<td>STEL</td>
<td>500 ppm</td>
</tr>
<tr>
<td></td>
<td>TWA</td>
<td>50 ppm</td>
</tr>
</tbody>
</table>

US Workplace Environmental Exposure Level (WEEL) Guides

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dimethyl Ether (CAS 115-10-6)</td>
<td>TWA</td>
<td>1800 mg/m3</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1000 ppm</td>
</tr>
</tbody>
</table>

BIOLOGICAL LIMIT VALUES:
ACGIH Biological Exposure Indices

<table>
<thead>
<tr>
<th>Components</th>
<th>Value</th>
<th>Determinant</th>
<th>Specimen</th>
<th>Sampling Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acetone (CAS 67-64-1)</td>
<td>25 mg/l</td>
<td>Acetone</td>
<td>Urine</td>
<td>*</td>
</tr>
<tr>
<td>n-Hexane (CAS 110-54-3)</td>
<td>0.4 mg/l</td>
<td>2,5-Hexanediol, without hydrolysis</td>
<td>Urine</td>
<td>*</td>
</tr>
</tbody>
</table>

* - For sampling details, please see the source document.

EXPOSURE GUIDELINES
US - California OELs - Skin designation
n-Hexane (CAS 110-54-3) Can be absorbed through the skin.

US ACGIH Threshold Limit Values - Skin designation
n-Hexane (CAS 110-54-3) Can be absorbed through the skin.

Appropriate Engineering Controls:
Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Eye wash facilities and emergency shower must be available when handling this product.

Individual Protection Measures:

Eye/Face Protection:
Wear safety glasses with side shields (or goggles).

Hand Protection:
Wear appropriate chemical resistant gloves. Suitable gloves can be recommended by the glove supplier.

Skin Protection:
Wear appropriate chemical resistant clothing. Use of an impervious apron is recommended.

Respiratory Protection:
If permissible levels are exceeded use NIOSH mechanical filter / organic vapor cartridge or an air-supplied respirator.

Thermal Hazards:
Wear appropriate thermal protective clothing, when necessary.

General Hygiene:
Observe any medical surveillance requirements. When using do not 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.

SECTION 9: Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Appearance:</th>
<th>Gas. Aerosol, liquefied gas</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vapor Density:</td>
<td>Not determined</td>
</tr>
<tr>
<td>Odor:</td>
<td>Not determined</td>
</tr>
<tr>
<td>Relative Density:</td>
<td>Not determined</td>
</tr>
<tr>
<td>Odor Threshold:</td>
<td>Not determined</td>
</tr>
<tr>
<td>Solubility(ies):</td>
<td>Not determined</td>
</tr>
<tr>
<td>pH:</td>
<td>Not determined</td>
</tr>
<tr>
<td>Partition Coefficient:</td>
<td>Not determined</td>
</tr>
</tbody>
</table>
Melting Point: Not determined
Freezing Point: Not determined
Auto-ignition Temperature: Not determined
Flash Point: > 156° F (-104.4 °C) PROPELLANT estimated
Decomposition Temperature: Not determined
Evaporation Rate: Not determined
Viscosity: Not determined
Flammability (Solid/Gas): Not determined
Specific Gravity: 0.724 estimated
Upper/Lower Flammability: Lower 2.5% estimated – upper 10.2% estimated
Vapor Pressure: 62 psig @70F estimated
Initial Boiling Point and boiling range: 32.1 °C (89.77 °F) estimated
VOC (weight %): 53% estimated

SECTION 10: STABILITY AND REACTIVITY

Reactivity: The product is stable and non-reactive under normal conditions of use, storage and transport.
Chemical Stability: Material is stable under normal conditions.
Possibility of Hazardous Reactions: Hazardous polymerization does not occur.
Conditions to Avoid:Heat. Avoid temperatures exceeding the flash point. Contact with incompatible materials.
Incompatible Materials: Strong oxidizing agents.
Hazardous Decomposition Products: No hazardous decomposition products are known.

SECTION 11: Toxicological Information

Acute Toxicity: May be fatal if swallowed and enters airways. Narcotic effects.
Ingestion: Droplets of the product aspirated into the lungs through ingestion or vomiting may cause a serious chemical pneumonia.
Inhalation: May cause damage to organs through prolonged or repeated exposure by inhalation. May cause drowsiness and dizziness. Headache. Nausea, vomiting. Narcotic effects. Prolonged inhalation may be harmful.
Skin contact: Causes skin irritation.
Eye contact: Causes serious eye irritation.

Symptoms related to the physical, chemical and toxicological characteristics
Aspiration may cause pulmonary edema and pneumonitis. May cause drowsiness and dizziness. Headache. Nausea, vomiting. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Skin irritation. May cause redness and pain.

<table>
<thead>
<tr>
<th>Components</th>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acetone (CAS 67-64-1)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Acute</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dermal</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LD50</td>
<td>Guinea Pig</td>
<td>&gt; 7426 mg/kg, 24 Hours &gt; 9.4 ml/kg, 24 Hours</td>
</tr>
<tr>
<td></td>
<td>Rabbit</td>
<td>&gt; 7426 mg/kg, 24 Hours &gt; 9.4 ml/kg, 24 Hours</td>
</tr>
<tr>
<td>Inhalation</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LC50</td>
<td>Rat</td>
<td>55700 ppm, 3 Hours 132 mg/l, 3 Hours 50.1 mg/l</td>
</tr>
<tr>
<td>Oral</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LD50</td>
<td>Rat</td>
<td>5800 mg/kg 2.2 ml/kg</td>
</tr>
<tr>
<td>Dimethyl Ether (CAS 115-10-6)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Acute</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Inhalation</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NOEL</td>
<td>Rat</td>
<td>2 ppm, 6 Hours</td>
</tr>
</tbody>
</table>
### n-Hexane (CAS 110-54-3)

<table>
<thead>
<tr>
<th>Acute</th>
<th>Dermal</th>
</tr>
</thead>
<tbody>
<tr>
<td>LD50</td>
<td>Rabbit</td>
</tr>
<tr>
<td></td>
<td>&gt; 2000 mg/kg, 4 Hours</td>
</tr>
<tr>
<td></td>
<td>&gt; 5 ml/kg, 4 Hours</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Inhalation</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>LC50</td>
<td>Rat</td>
</tr>
<tr>
<td></td>
<td>&gt; 5000 ppm, 24 Hours</td>
</tr>
<tr>
<td></td>
<td>&gt; 31.86 mg/l</td>
</tr>
<tr>
<td>Oral</td>
<td>Rat</td>
</tr>
<tr>
<td></td>
<td>&gt; 73860 ppm, 4 Hours</td>
</tr>
<tr>
<td>LD50</td>
<td>Wistar rat</td>
</tr>
<tr>
<td></td>
<td>49 g/kg</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Acute</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Inhalation</td>
<td></td>
</tr>
<tr>
<td>LC50</td>
<td>Mouse</td>
</tr>
<tr>
<td></td>
<td>1237 mg/l, 120 Minutes</td>
</tr>
<tr>
<td></td>
<td>52 %, 120 Minutes</td>
</tr>
<tr>
<td>Oral</td>
<td>Rat</td>
</tr>
<tr>
<td></td>
<td>1355 mg/l</td>
</tr>
<tr>
<td></td>
<td>658 mg/l/4h</td>
</tr>
</tbody>
</table>

*Estimates for product may be based on additional component data not shown

**Skin corrosion/irritation** Causes skin irritation.

**Serious eye damage/eye irritation** Causes serious eye irritation.

**Respiratory or skin sensitization** Not a respiratory sensitizer.

**Skin sensitization** skin sensitization.

No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

**Germ cell mutagenicity** Risk of cancer cannot be excluded with prolonged exposure.

**Carcinogenicity** Not listed.


**US. National Toxicology Program (NTP) Report on Carcinogens** Not listed.

**Reproductive toxicity** Suspected of damaging fertility. Suspected of damaging the unborn child.

**Specific target organ toxicity - single exposure** May cause drowsiness and dizziness.

**Specific target organ toxicity - repeated exposure** Respiratory system. Skin. Central nervous system. Eyes. Peripheral nervous system. May cause damage to organs through prolonged or repeated exposure.

**Aspiration hazard** May be fatal if swallowed and enters airways.

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

### SECTION 12: ECOLOGICAL INFORMATION

**Ecotoxicity:** Toxic to aquatic life with long lasting effects.

**COMPONENT - Acetone (CAS 67-64-1)**

<table>
<thead>
<tr>
<th>Category</th>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Crustacea</td>
<td>EC50 Water flea (Daphnia Magna)</td>
<td>21.6 - 23.9 mg/l, 48 hours</td>
</tr>
<tr>
<td>Fish</td>
<td>LC50 Rainbow Trout, Donaldson trout (Oncorhynchus mykiss)</td>
<td>4740 - 6330 mg/l, 96 hours</td>
</tr>
</tbody>
</table>

**COMPONENT – Dimethyl Ether (CAS 115-10-6)**

<table>
<thead>
<tr>
<th>Category</th>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Crustacea</td>
<td>EC50 Water flea (Daphnia magna)</td>
<td>4.3 - 7.8 mg/l, 48 hours</td>
</tr>
<tr>
<td>Fish</td>
<td>LC50 Striped bass (Morone saxatilis)</td>
<td>10.302 - 16.743 mg/l, 96 hours</td>
</tr>
</tbody>
</table>
COMPONENT - n-Hexane (CAS 110-54-3)

<table>
<thead>
<tr>
<th>Category</th>
<th>LC50</th>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fish</td>
<td></td>
<td>Fathead minnow (Pimephales promelas)</td>
<td>2.101 - 2.981 mg/l, 96 hours</td>
</tr>
</tbody>
</table>

* Estimates for product may be based on additional component data not shown.

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

Bioaccumulative Potential:

Partition Coefficient n-octanol / water (log Kow):

- 2-Methylpentane: 3.74
- 3-Methylpentane: 3.6
- Acetone: -0.24
- Dimethyl Ether: 0.1 n-
- Hexane: 3.9
- Propane: 2.36

Mobility in Soil: No data available.

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.

SECTION 13: Disposal Considerations

Disposal Instructions: Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Contents under pressure. Do not puncture, incinerate or crush. 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/international regulations.

Local Disposal Regulations: Dispose in accordance with all applicable regulations.

Hazardous Waste Code: The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

Waste from Residue/Unused Product: Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).

Contaminated Packaging: Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not re-use empty containers.

SECTION 14: Transport Information

DOT
- UN Number: UN 1950
- UN Proper Shipping Name: Aerosols, flammable (each not exceeding 1 L capacity)

Transportation Hazard Class: Class 2.1
- Subsidiary risk - None
- Label 2.1

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

Special Provisions:
- N82

Packaging Exceptions:
- 306

Packaging Non Bulk: None

Packaging Bulk: None

This product meets the exception requirements of section 173.306 as a limited quantity and may be shipped as a limited quantity. Until 12/31/2020, the "Consumer Commodity - ORM-D" marking may still be used in place of the new limited quantity diamond mark for packages of UN 1950 Aerosols. Limited quantities require the limited quantity diamond mark on cartons after 12/31/20 and may be used now in place of the "Consumer Commodity ORM-D" marking.

IATA
UN number: UN1950
UN proper shipping name: Aerosols, flammable

Class: Class 2.1

Transport hazard class(es):
Subsidiary risk:
Label(s): 2.1

Packing group:
Environmental hazards:
ERG Code:
Special precautions for user:
Read safety instructions, SDS and emergency procedures before handling.

Label(s): 2.1

Packing group:
Environmental hazards:
EmS:
Special precautions for user:
Read safety instructions, SDS and emergency procedures before handling.

Packaging Exceptions:
LTD QTY

Passenger and cargo aircraft:
Allowed with restrictions.

Other information:
Cargo aircraft only:
Allowed with restrictions.

IMDG
UN number: UN1950
UN proper shipping name: AEROSOLS
Class: Class 2.1

Transport hazard class(es):
Subsidiary risk:
Label(s): None

Packaging group:
Marine pollutant:
Environmental hazards:
EmS:
Special precautions for user:
Read safety instructions, SDS and emergency procedures before handling.

Packaging Exceptions:
LTD QTY

DOT

IATA; IMDG

General information:
Avoid Transport on vehicles where the load space is not separated from the driver’s compartment. Ensure vehicle driver is aware of the potential hazards of the load and knows what to do in the event of an accident or an emergency. Before transporting product containers: Ensure that containers are firmly secured. Ensure cylinder valve is closed and not leaking. Ensure valve outlet cap nut or plug (where provided) is correctly fitted. Ensure valve protection device (where provided) is correctly fitted. Ensure adequate ventilation. Ensure compliance with applicable regulations.
SECTION 15: REGULATORY INFORMATION

US federal regulations: This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

Superfund Amendments and Reauthorization Act of 1986 (SARA) Hazard Categories:
Immediate Hazard - Yes
Delayed Hazard - Yes
Fire Hazard - Yes
Pressure Hazard – Yes
Reactivity Hazard - No

SARA 302 Extremely Hazardous Substance: Not listed.
SARA 311/312 Hazardous: None

SARA 313 (TRI reporting)

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>CAS number</th>
<th>% by wt</th>
</tr>
</thead>
<tbody>
<tr>
<td>n-Hexane</td>
<td>110-54-3</td>
<td>10 - 20</td>
</tr>
</tbody>
</table>

Other Federal Regulations
Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List: n-Hexane (CAS 110-54-3)
Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130): Dimethyl Ether (CAS 115-10-6) Propane (CAS 74-98-6)
Safe Drinking Water Act (SDWA): Not regulated
Drug Enforcement Administration (DEA). List 2, Essential Chemicals (21 CFR 1310.02(b) and 1310.04(f)(2) and Chemical Code Number: Acetone (CAS 67-64-1) 6532
Drug Enforcement Administration (DEA). List 1 & 2 Exempt Chemical Mixtures (21 CFR 1310.12(c)): Acetone (CAS 67-64-1) 35 %WV
DEA Exempt Chemical Mixtures Code Number: Acetone (CAS 67-64-1) 6532

State Regulations:
US. California Controlled Substances. CA Department of Justice (California Health and Safety Code Section 11100) Not listed.
US. California. Candidate Chemicals List. Safer Consumer Products Regulations (Cal. Code Regs, tit. 22, 69502.3, subd. (a))
Acetone (CAS 67-64-1)
n-Hexane (CAS 110-54-3)
US. Massachusetts RTK - Substance List
2-Methylpentane (CAS 107-83-5)
Acetone (CAS 67-64-1)
Dimethyl Ether (CAS 115-10-6)
n-Hexane (CAS 110-54-3)
Propane (CAS 74-98-6)
US. New Jersey Worker and Community Right-to-Know Act
2-Methylpentane (CAS 107-83-5)
Acetone (CAS 67-64-1)
Dimethyl Ether (CAS 115-10-6)
n-Hexane (CAS 110-54-3)
Propane (CAS 74-98-6)
US. Pennsylvania Worker and Community Right-to-Know Law
2-Methylpentane (CAS 107-83-5)
Acetone (CAS 67-64-1)
Dimethyl Ether (CAS 115-10-6)
n-Hexane (CAS 110-54-3)
Propane (CAS 74-98-6)
**US. Rhode Island RTK**
Acetone (CAS 67-64-1)
Dimethyl Ether (CAS 115-10-6)
n-Hexane (CAS 110-54-3)
Propane (CAS 74-98-6)

**US. California Proposition 65**
WARNING: This product can expose you to chemicals including Ethyl Benzene (100-41-4), which is known to the State of California to cause cancer, and Hexane (110-54-3) which is known to the State of California to cause birth defects or other reproductive harm.

**Inventories:**
All components are on the Canadian DSL or exempt.
All components of this product are on the US TSCA inventory

**SECTION 16: Other Information**

This Safety Data Sheet is prepared to comply with the United States Occupational Safety and Health Administration (OSHA) Hazard Communication Standard (29 CFR 1910.1200) and the Canadian Hazardous Products Regulation (WHMIS 2015)

Prepared by: ROBERTS Product Safety & Regulatory Compliance Group, (905) 791-4444
The information herein is given in good faith, but no warranty expressed or implied is made. ROBERTS urges users of this product to evaluate its suitability and compliance with local regulations as ROBERTS can neither foresee the final use of the product, nor the final location of usage.

Date of issue: 03/08/2018