

PPS 1001

**1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING****MANUFACTURER'S NAME:**

Collision Pro/ ADN

**ADDRESS:**3085 Fountainside Drive, Suite 210  
Germantown, TN 38138

EMERGENCY PHONE : (800) 424 - 9300

INFORMATION PHONE : (901) 682-9090

FAX NUMBER : (901) 682-9098

PRODUCT NAME MINERAL SPIRITS 66 1% AROMATIC

PRODUCT CODE 86315

PRODUCT USE DESCRIPTION No data

**2. HAZARDS IDENTIFICATION****Emergency Overview**

Appearance: liquid, colorless, clear

WARNING! COMBUSTIBLE LIQUID AND VAPOR. MAY AFFECT THE CENTRAL NERVOUS SYSTEM CAUSING DIZZINESS, HEADACHE OR NAUSEA. MAY CAUSE RESPIRATORY TRACT IRRITATION. MAY BE HARMFUL IF INHALED. PROLONGED OR REPEATED CONTACT MAY DRY THE SKIN AND CAUSE IRRITATION AND BURNS.

**Potential Health Effects****Exposure routes**

Inhalation, Skin contact, Eye Contact

**Eye contact**

May cause mild eye irritation. Symptoms include stinging, tearing, and redness.

**Skin contact**

May cause mild skin irritation. Prolonged or repeated contact may dry the skin. Symptoms may include redness, burning, and drying and cracking of skin, and skin. Passage of this material into the body through the skin is possible, but it is unlikely that this would result in harmful effects during safe handling and use.

**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.).

**Aggravated Medical Condition**

Preexisting disorders of the following organs (or organ systems) may be aggravated by exposure to this material: Skin, lung (for example, asthma-like conditions)

**Symptoms**

Signs and symptoms of exposure to this material through breathing, swallowing, and/or passage of the material through the skin may include: stomach or intestinal upset (nausea, vomiting, diarrhea), irritation (nose, throat, airways), central nervous system depression (dizziness, drowsiness, weakness, fatigue, nausea, headache, unconsciousness), and other central nervous system effects.

**Target Organs**

Exposure to this material (or a component) has been found to cause kidney damage in male rats. The mechanism by which this toxicity occurs is specific to the male rat and the kidney effects are not expected to occur in humans. Exposure to this material (or a component) has been found to cause kidney damage in male rats. The mechanism by which this toxicity occurs is specific to the male rat and the kidney effects are not expected to occur in humans.

**Carcinogenicity**

Based on the available information, this material cannot be classified with regard to carcinogenicity. This material 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**

There are no data available for assessing risk to the fetus from maternal exposure to this material.

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**3. COMPOSITION/INFORMATION ON INGREDIENTS**

<b>Hazardous Components</b>	<b>CAS-No.</b>	<b>Concentration</b>
ALIPHATIC HYDROCARBONS	64742-88-7	<=100%

**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. Wash exposed area with soap and water. If 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, move individual away from exposure and into fresh air. If symptoms persist, seek medical attention. If breathing is difficult, administer oxygen. Keep person warm and quiet; seek immediate medical attention.

**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.

**5. FIRE-FIGHTING MEASURES****Suitable extinguishing media**

Foam, Carbon dioxide (CO<sub>2</sub>), Dry chemical

**Hazardous combustion products**

May form: carbon dioxide and carbon monoxide, Hydrocarbons

**Precautions for fire-fighting**

If product is heated above its flash point it will produce vapors sufficient to support combustion. Vapors are heavier than air and may travel along the ground and be ignited by heat, pilot lights, other flames and ignition sources at locations near the point of release. 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).

**NFPA Flammable and Combustible Liquids Classification**

Combustible Liquid Class II

**6. ACCIDENTAL RELEASE MEASURES****Personal precautions**

For personal protection see section 8. Eliminate all ignition sources (flares, flames including pilot lights, electrical sparks). Persons not wearing protective equipment should be excluded from area of spill until clean-up has been completed. Stop spill at source. Prevent from entering drains, sewers, streams or other bodies of water. Prevent from spreading. If runoff occurs, notify authorities as required. Pump or vacuum transfer spilled product to clean containers for recovery. Absorb unrecoverable product. Transfer contaminated absorbent, soil and other materials to containers for disposal.

**Environmental precautions**

Prevent run-off to sewers, streams or other bodies of water. If run-off occurs, notify proper authorities as required, that a spill has occurred.

**Methods for cleaning up**

Absorb liquid on vermiculite, floor absorbent, or other absorbent material and transfer to hood.

**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

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bonding and grounding during product transfer as described in National Fire Protection Association document NFPA 77. Hydrocarbon solvents are basically non-conductors of electricity and can become electrostatically charged during mixing, filtering or pumping at high flow rates. If this charge reaches a sufficiently high level, sparks can form that may ignite the vapors of flammable liquids. Warning. Sudden release of hot organic chemical vapors or mists from process equipment operating at elevated temperature and pressure, or sudden ingress of air into vacuum equipment, may result in ignitions without the presence of obvious ignition sources. Published "autoignition" or "ignition" temperature values cannot be treated as safe operating temperatures in chemical processes without analysis of the actual process conditions. Any use of this product in elevated temperature processes should be thoroughly evaluated to establish and maintain safe operating conditions.

**Storage**

Store in a cool, dry, ventilated area. Keep containers closed when not in use. Do not store near extreme heat, open flame, or sources of ignition.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Exposure Guidelines****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 TLV(s).

**Eye protection**

Chemical splash goggles in compliance with OSHA regulations are advised; however, OSHA regulations also permit other type safety glasses. Consult your safety representative.

**Skin and body protection**

Wear resistant gloves (consult your safety equipment supplier).

To prevent repeated or prolonged skin contact, wear impervious clothing and boots.

**Respiratory protection**

If workplace exposure limit(s) of product or any component is exceeded (see exposure guidelines), a NIOSH-approved air supplied respirator is advised in absence of proper environmental control. OSHA regulations also permit other NIOSH respirators (negative pressure type) under specified conditions (see your industrial hygienist). Engineering or administrative controls should be implemented to reduce exposure.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical state</b>	liquid
<b>Form</b>	No data
<b>Color</b>	clear, colorless
<b>Odor</b>	hydrocarbon-like
<b>Boiling point/boiling range</b>	355.00 °F
<b>pH</b>	No data
<b>Flash point</b>	40.60 °C
<b>Evaporation rate</b>	151 (Ethyl Ether)
<b>Lower explosion limit/Upper explosion limit</b>	1.0 %(V) / 7.0 %(V)
<b>Vapor pressure</b>	0.500 mmHg @ 68 °F
<b>Vapor density</b>	5.48
<b>Density</b>	0.79 g/cm <sup>3</sup> @ 68 °F / 15.56 °C 6.44 lb/gal @ 60.00 °F / 15.56 °C
<b>Solubility</b>	No data
<b>Partition coefficient: n-octanol/water</b>	No data
<b>log Pow</b>	no data available
<b>Autoignition temperature</b>	600 °F / 316 °C

## 10. STABILITY AND REACTIVITY

**Stability**

Stable.

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**Conditions to avoid**

None known

**Incompatible products**

Avoid contact with skin, Strong oxidizing agents

**Hazardous decomposition products**

carbon dioxide and carbon monoxide , Hydrocarbons

**Hazardous reactions**

Product will not undergo hazardous polymerization.

**Thermal decomposition**

No data

**11. TOXICOLOGICAL INFORMATION**

<b>Acute oral toxicity:</b>	LD 50 Rat: > 5,000 mg/kg
<b>Acute inhalation toxicity:</b>	LC 50 Rat: > 5500 ppm, 4 h
<b>Acute dermal toxicity:</b>	LD 50 Rat: > 3,000 mg/kg

**12. ECOLOGICAL INFORMATION**

<b>Biodegradability</b>	
ALIPHATIC HYDROCARBONS:	no data available
<b>Bioaccumulation</b>	
ALIPHATIC HYDROCARBONS:	no data available
<b>Ecotoxicity effects</b>	
<b>Toxicity to fish</b>	
ALIPHATIC HYDROCARBONS:	no data available
<b>Toxicity to daphnia and other aquatic invertebrates.</b>	
ALIPHATIC HYDROCARBONS:	no data available
<b>Toxicity to algae</b>	
ALIPHATIC HYDROCARBONS:	no data available
<b>Toxicity to bacteria</b>	
ALIPHATIC HYDROCARBONS:	no data available
<b>Biochemical Oxygen Demand (BOD)</b>	
ALIPHATIC HYDROCARBONS:	no data available
<b>Chemical Oxygen Demand (COD)</b>	
ALIPHATIC HYDROCARBONS:	no data available
<b>Additional ecological information</b>	
ALIPHATIC HYDROCARBONS:	no data available

**13. DISPOSAL CONSIDERATIONS****Waste disposal methods**

Dispose of in accordance with all applicable local, state and federal regulations.

**14. TRANSPORT INFORMATION****REGULATION**

ID NUMBER	PROPER SHIPPING NAME	*HAZARD CLASS	SUBSIDIARY HAZARDS	PACKING GROUP	MARINE POLLUTANT / LTD. QTY.
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**U.S. DOT – ROAD**

NA	1993 Combustible liquid, n.o.s. (HYDROTREATED PETROLEUM DISTILLATES)	CBL		III	
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**U.S. DOT – RAIL**

NA1993	Combustible liquid, n.o.s. (HYDROTREATED PETROLEUM DISTILLATES)	CBL		III	
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**U.S. DOT - INLAND WATERWAYS**

NA 1993	Combustible liquid, n.o.s. (HYDROTREATED PETROLEUM DISTILLATES)	CBL	III
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**TRANSPORT CANADA - ROAD**

UN 1268	PETROLEUM DISTILLATES, N.O.S.	3	III
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**TRANSPORT CANADA - RAIL**

UN 1268	PETROLEUM DISTILLATES, N.O.S.	3	III
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**TRANSPORT CANADA - INLAND WATERWAYS**

UN 1268	PETROLEUM DISTILLATES, N.O.S.	3	III
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**INTERNATIONAL MARITIME DANGEROUS GOODS**

UN 1268	PETROLEUM DISTILLATES, N.O.S.	3	III
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**INTERNATIONAL AIR TRANSPORT ASSOCIATION - CARGO**

UN 1268	PETROLEUM DISTILLATES, N.O.S.	3	III
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**INTERNATIONAL AIR TRANSPORT ASSOCIATION - PASSENGER**

UN 1268	PETROLEUM DISTILLATES, N.O.S.	3	III
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**MEXICAN REGULATION FOR THE LAND TRANSPORT OF HAZARDOUS MATERIALS AND WASTES**

UN 1268	PETROLEUM DISTILLATES, N.E.P.	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**

This product does not contain any chemicals known to the State of California to cause cancer, birth, or any other reproductive defects.

**SARA Hazard Classification**

Fire Hazard  
 Acute Health Hazard

**New Jersey RTK Label Information**

ALIPHATIC HYDROCARBONS 64742-88-7

**Pennsylvania RTK Label Information**

SOLVENT NAPHTHA (PETROLEUM), HEAVY ALIPHATIC 64742-88-7

**Notification status**

Australia. Industrial Chemical (Notification and Assessment) Act y (positive listing)

Canada. Canadian Environmental Protection Act (CEPA).

Domestic Substances List (DSL). (Can. Gaz. Part II, Vol. 133) y (positive listing)

China. Inventory of Existing Chemical Substances y (positive listing)

EU. EINECS y (positive listing)

Korea. Toxic Chemical Control Law (TCCL) List y (positive listing)

Philippines. The Toxic Substances and Hazardous and Nuclear Waste Control Act y (positive listing)

US. Toxic Substances Control Act y (positive listing)

New Zealand. Inventory of Chemicals (NZIoC), as published by ERMA New Zealand y (positive listing)

Japan. Kashin-Hou Law List y (positive listing)

	<b>HMIS</b>	<b>NFPA</b>
Health	1	1
Flammability	2	2
Physical hazards	0	
Instability		0
Specific Hazard	--	--

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**16. OTHER INFORMATION**

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.

**ENVIRONMENTAL DATA SHEET**

Revision Date: 01/152010

Print Date: 8/1/2012

MSDS Number: R0197908

Version: 1.15

MINERAL SPIRITS 66 1% AROMATICS 86315

***VOC and HAP Report***

<b>VOC Content (as formulated)</b>	100.00 %
<b>VOC Content (SCAQMD)</b>	790.00 g/l
<b>VOC Vapor Pressure @ 20°C (SCAQMD)</b>	0.66 hPa
<b>Calculated HAP Total</b>	0.00%
<b>Calculated Organic HAP Total</b>	0.00%

Hazardous Air Pollutants reported on this document are limited to those that are defined as hazardous under 29 CFR 1910.1200. It is possible that there are other Hazardous Air Pollutants in this product at levels that are not reportable by the OSHA Hazard Communication Standard. Certain air regulations require that these components be included in determinations of total HAP emissions. If you require information on the unreported Hazardous Air Pollutants, please contact your Collision Pro/ADN account representative.

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