

SAFETY DATA SHEET

1. Identification

Product Name: Stripper

Product Code: SA 113

Other means of identification

SDS number: Vanblend 300 000100000348

Recommended use and restriction on use

Recommended use: Not available.

Restrictions on use: Not known.

Emergency telephone number: CHEMTREC day or night at: 1-800-424-9300. CHEMTREC INTERNATIONAL Tel# 703-527-3887

2. Hazard(s) identification

Hazard classification

Physical hazards

Flammable liquids Category 2

Health hazards

Skin corrosion/irritation Category 2

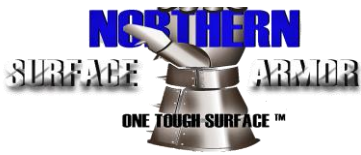
Serious eye damage/eye irritation Category 2A

Carcinogenicity Category 1A

Label elements

Hazard symbol





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Signal word

Danger

Hazard statement

Highly flammable liquid and vapor.
Poison: Vapor harmful; May be fatal or cause blindness if swallowed;
Cannot be made nonpoisonous.
Causes skin irritation.
Causes serious eye irritation.
May cause cancer.

Precautionary statement

Prevention

Keep away from heat/sparks/open flames/hot surfaces. No smoking.
Keep container tightly closed. Ground/bond container and receiving
equipment. Use explosion-proof electrical/ventilating/lighting/equipment.
Use only non-sparking tools. Take precautionary measures against static
discharge. Wear protective gloves/protective clothing/eye protection/face
protection. Wash thoroughly after handling. Obtain special instructions
before use. Do not handle until all safety precautions have been read and
understood. Use personal protective equipment as required.

Response

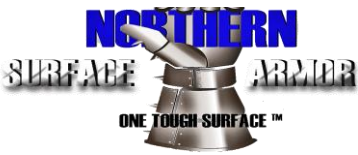
If in eyes: Rinse cautiously with water for several minutes. Remove contact
lenses, if present and easy to do. Continue rinsing. If eye irritation persists:
Get medical advice/attention. IF ON SKIN (or hair): Take off immediately all
contaminated clothing. Rinse skin with water/shower. If skin irritation
occurs: Get medical advice/attention. If exposed or concerned: Get medical
advice/attention. Specific treatment (see this label). Take off contaminated
clothing and wash before reuse. In case of fire: Use ... to extinguish.

Storage

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

Disposal

Dispose of contents/container to an appropriate treatment and
disposal facility in accordance with applicable laws and regulations, and
product characteristics at time of disposal.



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Other hazards which do not result in GHS classification

Static accumulating flammable liquid can become electrostatically charged even in bonded and grounded equipment. Sparks may ignite liquid and vapor. May cause flash fire or explosion.

3. Composition/information on ingredients

Mixtures

| Chemical identity | Common name and synonyms | CAS number | Content in percent (%)* |
|--------------------|--------------------------|------------|-------------------------|
| Methylene Chloride | | 75-09-2 | 80 - 85% |
| Methanol | | 67-56-1 | 10 - 15% |
| Water | | 7732-18-5 | 0 - 2% |

* All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

Composition comments: The components are not hazardous or are below required disclosure limits.

4. First-aid measures

Ingestion: Call a physician or poison control center immediately. Only induce vomiting at the instruction of medical personnel. Never give anything by mouth to an unconscious person.

Inhalation: Move to fresh air. If breathing is difficult, give oxygen. Perform artificial respiration if breathing has stopped.

Skin contact: Immediately flush with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.

Eye contact: If in eyes, hold eyes open, flood with water for at least 15 minutes and see a doctor.

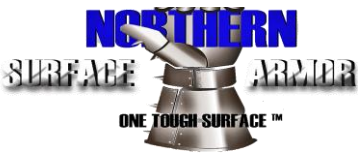
Most important symptoms/effects, acute and delayed

Symptoms: No data available.

Indication of immediate medical attention and special treatment needed

Treatment: No data available.

5. Fire-fighting measures



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General fire hazards: No data available.

Suitable (and unsuitable) extinguishing media

Suitable extinguishing media: Use: Powder, alcohol-resistant foam, water in large amounts, carbon dioxide.

Unsuitable extinguishing media: No data available.

Specific hazards arising from the chemical: No data available.

Special protective equipment and precautions for firefighters

Special fire fighting procedures: No data available.

Special protective equipment for fire-fighters: No data available.

6. Accidental release measures

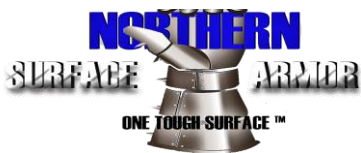
Personal precautions, protective equipment and emergency procedures: No data available.

Methods and material for containment and cleaning up: All equipment used when handling the product must be grounded. Eliminate sources of ignition. Absorb spillage with non-combustible, absorbent material. Dike for later disposal.

7. Handling and storage

Precautions for safe handling: Keep away from heat/sparks/open flames/hot surfaces. No smoking. Do not get in eyes and avoid contact with skin and clothing. Avoid breathing mists or vapors. Use only in well-ventilated areas. Store away from incompatible materials.

Conditions for safe storage, including any incompatibilities: No data available.



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8. Exposure controls/personal protection

Control parameters

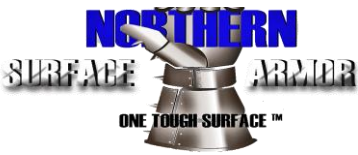
Occupational exposure limits

| Chemical identity | Type | Exposure Limit values | Source |
|--------------------|-----------|-----------------------|--------------------------------------------------------------------------------------------|
| Methylene Chloride | TWA | 50 ppm | US. ACGIH Threshold Limit Values (03 2013) |
| | STEL | 125 ppm | US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050) (03 2012) |
| | OSHA_A CT | 12.5 ppm | US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050) (03 2012) |
| | TWA | 25 ppm | US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050) (03 2012) |
| | ST ESL | 3,600 µg/m3 | US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (02 2013) |
| | AN ESL | 350 µg/m3 | US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (02 2013) |
| | ST ESL | 1,100 ppb | US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (02 2013) |
| | AN ESL | 100 ppb | US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (02 2013) |
| | TWA PEL | 25 ppm 87 mg/m3 | US. California Code of Regulations, Title 8, Section 5155. Airborne Contaminants (02 2012) |
| | STEL | 125 ppm 435 mg/m3 | US. California Code of Regulations, Title 8, Section 5155. Airborne Contaminants (02 2012) |
| | TWA A LV | 12.5 ppm | US. California Code of Regulations, Title 8, Section 5155. Airborne Contaminants (02 2012) |
| Methanol | TWA | 200 ppm | US. ACGIH Threshold Limit Values (03 |



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| | | | |
|--|---------|---------------------------|--------------------------------------------------------------------------------------------|
| | | | 2013) |
| | STEL | 250 ppm | US. ACGIH Threshold Limit Values (03 2013) |
| | REL | 200 ppm 260 mg/m3 | US. NIOSH: Pocket Guide to Chemical Hazards (2010) |
| | STEL | 250 ppm 325 mg/m3 | US. NIOSH: Pocket Guide to Chemical Hazards (2010) |
| | PEL | 200 ppm 260 mg/m3 | US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) (02 2006) |
| | TWA | 200 ppm 260 mg/m3 | US. OSHA Table Z-1-A (29 CFR 1910.1000) (1989) |
| | STEL | 250 ppm 325 mg/m3 | US. OSHA Table Z-1-A (29 CFR 1910.1000) (1989) |
| | TWA | 200 ppm 260 mg/m3 | US. Tennessee. OELs. Occupational Exposure Limits, Table Z1A (06 2008) |
| | STEL | 250 ppm 325 mg/m3 | US. Tennessee. OELs. Occupational Exposure Limits, Table Z1A (06 2008) |
| | ST ESL | 2,620 µg/m3 | US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (02 2013) |
| | ST ESL | 2,000 ppb | US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (02 2013) |
| | AN ESL | 262 µg/m3 | US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (02 2013) |
| | AN ESL | 200 ppb | US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (02 2013) |
| | Ceiling | 1,000 ppm | US. California Code of Regulations, Title 8, Section 5155. Airborne Contaminants (02 2012) |
| | TWA PEL | 200 ppm 260 mg/m3 | US. California Code of Regulations, Title 8, Section 5155. Airborne Contaminants (02 2012) |
| | STEL | 250 ppm 325 mg/m3 | US. California Code of Regulations, Title 8, Section 5155. Airborne Contaminants (02 2012) |



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Biological limit values

| Chemical identity | Exposure Limit values | Source |
|-----------------------------------------------------------------------------|-----------------------|---------------------|
| Methylene Chloride (dichloromethane: Sampling time: End of shift.) | 0.3 mg/l (Urine) | ACGIH BEL (03 2013) |
| Methanol (methanol: Sampling time: End of shift.) | 15 mg/l (Urine) | ACGIH BEL (03 2013) |

Appropriate engineering controls No data available.

Individual protection measures, such as personal protective equipment

General information: No data available.

Eye/face protection: No data available.

Skin protection

Hand protection: No data available.

Other: No data available.

Respiratory protection: No data available.

Hygiene measures: No data available.

9. Physical and chemical properties

Physical state: Liquid

Form: No data available.

Color: No data available.

Odor: No data available.

Odor threshold: No data available.

pH: No data available.

Melting point/freezing point: No data available.

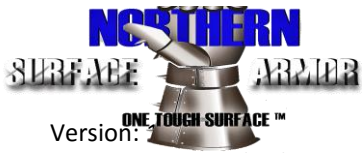
Initial boiling point and boiling range: 38 - 100 °C

Flash Point: 11 °C

Evaporation rate: No data available.

Flammability (solid, gas): No data available.

Upper/lower limit on flammability or explosive limits



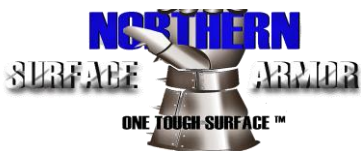
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Flammability limit - upper (%):

No data available.

Flammability limit - lower (%):

No data available.



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| | |
|-------------------------------------------------|--------------------|
| Explosive limit - upper (%): | No data available. |
| Explosive limit - lower (%): | No data available. |
| Vapor pressure: | No data available. |
| Vapor density: | No data available. |
| Relative density: | No data available. |
| Solubility(ies) | |
| Solubility in water: | No data available. |
| Solubility (other): | No data available. |
| Partition coefficient (n-octanol/water): | No data available. |
| Auto-ignition temperature: | No data available. |
| Decomposition temperature: | No data available. |
| Viscosity: | No data available. |

10. Stability and reactivity

| | |
|--------------------------------------------|--------------------|
| Reactivity: | No data available. |
| Chemical stability: | No data available. |
| Possibility of hazardous reactions: | No data available. |
| Conditions to avoid: | No data available. |
| Incompatible materials: | No data available. |
| Hazardous decomposition products: | No data available. |

11. Toxicological information

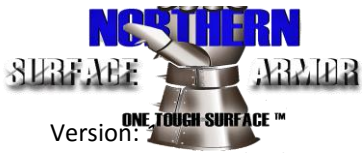
Symptoms related to the physical, chemical and toxicological characteristics

| | |
|----------------------|--------------------|
| Ingestion: | No data available. |
| Inhalation: | No data available. |
| Skin contact: | No data available. |
| Eye contact: | No data available. |

Information on toxicological effects

Acute toxicity (list all possible routes of exposure)

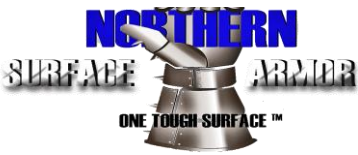
| | |
|-----------------|------------------------|
| Oral | |
| Product: | ATEmix (): 2,000 mg/kg |
| Dermal | |



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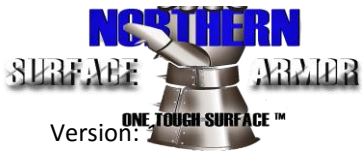
Product:

ATEmix (): 2,352.941177 mg/kg



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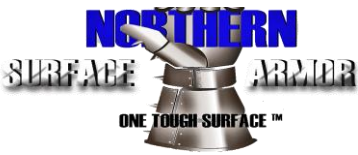
| | |
|----------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Inhalation | |
| Product: | No data available. |
| Specified substance(s): | |
| Methylene Chloride | LC 50 (Rat, 6 h): 52 mg/l LC 50 (Mouse, 7 h): 56.23 mg/l LC 50 (Mouse, 2 h): 51.5 mg/l |
| Specified substance(s): | |
| Methanol | LC 50 (Rat, 4 h): 64,000 mg/l LC 50 (Cat, 6 h): 43.68 mg/l LC 50 (Cat, 4.5 h): 85.41 mg/l LC 50 (Rat, 6 h): 87.5 mg/l LC 50 (Rat,): > 115.9 mg/l (, No) 2 (reliable with restrictions) |
| Repeated dose toxicity | |
| Product: | No data available. |
| Skin corrosion/irritation | |
| Product: | No data available. |
| Serious eye damage/eye irritation | |
| Product: | No data available. |
| Respiratory or skin sensitization | |
| Product: | No data available. |
| Carcinogenicity | |
| Product: | No data available. |
| IARC Monographs on the Evaluation of Carcinogenic Risks to Humans: | |
| Methylene Chloride | Overall evaluation: 2B. Possibly carcinogenic to humans. |
| US. National Toxicology Program (NTP) Report on Carcinogens: | |
| Methylene Chloride | Reasonably Anticipated to be a Human Carcinogen. |
| US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050): | |
| Methylene Chloride | Cancer |
| Germ cell mutagenicity | |
| In vitro | |
| Product: | No data available. |
| In vivo | |
| Product: | No data available. |
| Reproductive toxicity | |



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Product: No data available.

Specific target organ toxicity - single exposure



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Product: No data available.
Specific target organ toxicity - repeated exposure
Product: No data available.
Aspiration hazard
Product: No data available.
Other effects: No data available.

12. Ecological information

Ecotoxicity:

Acute hazards to the aquatic environment:

Fish

Product: No data available.

Specified substance(s):

Methylene Chloride EC 50 (Fathead minnow (*Pimephales promelas*), 48 h): 83.2 - 121.5 mg/l Intoxication EC 50 (Fathead minnow (*Pimephales promelas*), 72 h): 83.2 - 121.5 mg/l Intoxication EC 50 (Fathead minnow (*Pimephales promelas*), 96 h): 83.2 - 121.5 mg/l Intoxication

Methanol LC 50 (Bluegill (*Lepomis macrochirus*), 24 h): 17,400 - 21,000 mg/l Mortality LC 50 (Rainbow trout, donaldson trout (*Oncorhynchus mykiss*), 24 h): 19,800 - 20,700 mg/l Mortality LC 50 (Fathead minnow (*Pimephales promelas*), 24 h): 29,000 - 30,500 mg/l Mortality LC 50 (Medaka, high-eyes (*Oryzias latipes*), 24 h): > 10,000 mg/l Mortality LC 50 (Medaka, high-eyes (*Oryzias latipes*), 48 h): 1,400 mg/l Mortality

Aquatic invertebrates

Product: No data available.

Specified substance(s):

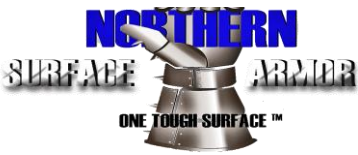
Methylene Chloride EC 50 (Water flea (*Daphnia magna*), 24 h): 1,871 - 2,050 mg/l Intoxication EC 50 (Water flea (*Daphnia magna*), 48 h): 1,532 - 1,847 mg/l Intoxication LC 50 (Water flea (*Daphnia magna*), 24 h): 2,270 mg/l Mortality

Methanol EC 50 (Water flea (*Daphnia obtusa*), 24 h): 22,800 - 24,400 mg/l Intoxication EC 50 (Water flea (*Daphnia magna*), 24 h): > 10,000 mg/l Intoxication EC 50 (Water flea (*Daphnia obtusa*), 48 h): 21,100 - 23,400 mg/l Intoxication EC 50 (Water flea (*Daphnia magna*), 48 h): 20,450 - 29,350 mg/l Intoxication EC 50 (Water flea (*Daphnia magna*), 48 h): > 10,000 mg/l Intoxication

Chronic hazards to the aquatic environment:

Fish

Product: No data available.

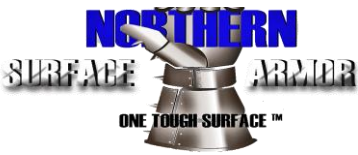


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| | |
|----------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
| Aquatic invertebrates | |
| Product: | No data available. |
| Toxicity to Aquatic Plants | |
| Product: | No data available. |
| Persistence and degradability | |
| Biodegradation | |
| Product: | No data available. |
| BOD/COD ratio | |
| Product: | No data available. |
| Bioaccumulative potential | |
| Bioconcentration factor (BCF) | |
| Product: | No data available. |
| Specified substance(s): | |
| Methanol | Green algae (Chlorella fusca vacuolata), Bioconcentration factor (BCF): 28,400 (Static) |
| Partition coefficient n-octanol / water (log Kow) | |
| Product: | No data available. |
| Specified substance(s): | |
| Methylene Chloride | Log Kow: 1.25 |
| Methanol | Log Kow: -0.77 |
| Mobility in soil: | No data available. |
| Known or predicted distribution to environmental compartments | |
| Dichloromethane | No data available. |
| Methanol | No data available. |
| Water | No data available. |
| Known or predicted distribution to environmental compartments | |
| Dichloromethane | No data available. |
| Methanol | No data available. |

13. Disposal considerations

Disposal instructions: No data available.
Contaminated packaging: No data available.



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14. Transport information

DOT
UN number: UN 1992
UN proper shipping name: Flammable liquids, toxic, n.o.s.(Methanol, Methylene Chloride)
Transport hazard class(es)
Class: 3
Label(s): 3, 6.1
Packing group: III
Marine Pollutant: Not regulated.
Special precautions for user: -

IMDG
UN number: UN 1992
UN proper shipping name: FLAMMABLE LIQUID, TOXIC, N.O.S.
Transport hazard class(es)
Class: 3
Label(s): 3, 6.1
EmS No.: F-E, S-D
Packing group: III
Marine Pollutant: Not regulated.
Special precautions for user: -

15. Regulatory information

US federal regulations US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

| | |
|--------------------|------------------------|
| Methylene Chloride | Cancer |
| | Heart |
| | Eye irritation |
| | Central nervous system |
| | Liver |
| | Skin irritation |

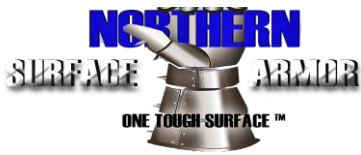
CERCLA Hazardous Substance List (40 CFR 302.4):

| | |
|--------------------|--------------------------------|
| Methylene Chloride | Reportable quantity: 1000 lbs. |
| Methanol | Reportable quantity: 5000 lbs. |

Superfund amendments and reauthorization act of 1986 (SARA)

Hazard categories

Not listed.



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SARA 302 Extremely hazardous substance

None present or none present in regulated quantities.

SARA 304 Emergency release notification

| <u>Chemical identity</u> | <u>RQ</u> |
|--------------------------|-----------|
| Methylene Chloride | 1000 lbs. |
| Methanol | 5000 lbs. |

SARA 311/312 Hazardous chemical

| <u>Chemical identity</u> | <u>Threshold Planning Quantity</u> |
|--------------------------|------------------------------------|
| Methylene Chloride | 500 lbs |
| Methanol | 500 lbs |

SARA 313 (TRI reporting)

| <u>Chemical identity</u> | <u>Reporting threshold for other users</u> | <u>Reporting threshold for manufacturing and processing</u> |
|--------------------------|--------------------------------------------|-------------------------------------------------------------|
| Methylene Chloride | 10000 lbs | 25000 lbs. |
| Methanol | 10000 lbs | 25000 lbs. |

Clean Water Act Section 311 Hazardous Substances (40 CFR 117.3)

None present or none present in regulated quantities.

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

None present or none present in regulated quantities.

US state regulations

US. California Proposition 65

WARNING: This product contains a chemical known to the State of California to cause cancer and birth defects or other reproductive harm.

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

| | |
|--------------------|--------|
| Methylene Chloride | Listed |
| Methanol | Listed |

US. Massachusetts RTK - Substance List

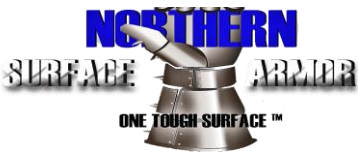
| | |
|--------------------|--------|
| Methylene Chloride | Listed |
| Methanol | Listed |

US. Pennsylvania RTK - Hazardous Substances

| | |
|--------------------|--------|
| Methylene Chloride | Listed |
| Methanol | Listed |

US. Rhode Island RTK

| | |
|--------------------|--------|
| Methylene Chloride | Listed |
| Methanol | Listed |



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| | |
|------------------------------------------|----------------------------------------|
| Inventory Status: Australia AICS: | Not in compliance with the inventory. |
| Canada DSL Inventory List: | Not in compliance with the inventory. |
| EU EINECS List: | Not in compliance with the inventory. |
| EU ELINCS List: | Not in compliance with the inventory. |
| Japan (ENCS) List: | Not in compliance with the inventory. |
| EU No Longer Polymers List: | Not in compliance with the inventory. |
| China Inv. Existing Chemical Substances: | Not in compliance with the inventory. |
| Korea Existing Chemicals Inv. (KECI): | Not in compliance with the inventory. |
| Canada NDSL Inventory: | Not in compliance with the inventory. |
| Philippines PICCS: | Not in compliance with the inventory. |
| New Zealand Inventory of Chemicals: | Not in compliance with the inventory. |
| Japan ISHL Listing: | Not in compliance with the inventory. |
| Japan Pharmacopoeia Listing: | Not in compliance with the inventory. |
| US TSCA Inventory: | On or in compliance with the inventory |

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

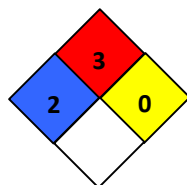
HMIS Hazard ID

| | |
|----------------------------|----------|
| Health | 3 |
| Flammability | 3 |
| Physical hazards | 0 |
| PERSONAL PROTECTION | B |

B - Safety Glasses & Gloves

Hazard rating: 0 - Minimal; 1 - Slight; 2 - Moderate; 3 - Serious; 4 - Severe; *Chronic health effect

NFPA Hazard ID



| | |
|--|-----------------|
| | Flammability |
| | Health |
| | Reactivity |
| | Special hazard. |

Hazard rating: 0 - Minimal; 1 - Slight; 2 - Moderate; 3 - Serious; 4 - Severe

Issue date: 05/12/2015
Revision date: No data available.
Version #: 1.0
Further information: No data available.



SDS NO:10000348
VERSION:001 2015-05-12
