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 Material Safety Data Sheet
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 1 Product Identification

Tradename:
 SCOTCH(TM) BRAND NO. 471 PLASTIC FILM TAPE IN WHITE, YELLOW, GREEN,
 BLUE, BLACK, ORANGE, RED, BROWN AND PURPLE

Product ID:
 70-0000-0226-4 70-0000-0227-2 70-0000-0228-0 70-0000-0229-8
 70-0000-0230-6 70-0000-0231-4 70-0000-0232-2 70-0000-0233-0
 70-0000-0237-1 70-0001-1449-9

Intended Use of Product:
 Tape;

Division:
 INDUSTRIAL TAPE AND SPECIALTIES DIVISION

 2 Composition/Information on Ingredients

Ingredient Name	CAS Number	Percentage
BACKING: POLY(VINYL CHLORIDE)	9002-86-2	80 - 90
ADHESIVE: SYNTHETIC RUBBER	Trade Secret	10 - 20
BACKING: PIGMENT	Mixture	1 - 5

Ingredient Statements:
 Pigment varies with color. The following CAS numbers are associated
 with the tapes:

White 13463-67-7;
 Yellow 13463-67-7 and 5468-75-7;
 Green 147-14-8 and 31837-42-0;
 Blue Vendor Trade Secret;

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 Blue 1333-86-4;
 Orange 12236-62-3 and 13463-67-7;
 Red 12656-85-8, 13463-67-7 and 7758-97-6;
 Brown 13463-67-7, 1309-37-1 and 51274-00-1;

Purple 12225-08-0.

NOTE:

ADHESIVE: SYNTHETIC RUBBER AND BACKING:PIGMENT are all Trade Secret materials.

Each percentage is expressed as the ratio of the weight of the ingredient to the weight of the controlled product.

3 Hazards Identification

Critical Hazards:

No data available.

See Sections 7 and 11 for further information.

4 First Aid Measures

Instructions for Eye Contact:

No need for first aid is anticipated.

Instructions for Skin Contact:

No need for first aid is anticipated.

Instructions for Inhalation:

No need for first aid is anticipated.

Instructions for Ingestion:

No need for first aid is anticipated.

5 Fire Fighting Measures

Flash point: Not applicable

Lower Explosive Limit (%): Not applicable

Upper Explosive Limit (%): Not applicable

Autoignition temperature: Not available

Suitable Extinguishing Media:

Water; Carbon Dioxide; Foam;

Exposure Hazards during Fire:

No data available.

Combustion Products from Fire:

Carbon monoxide and carbon dioxide;

Fire Fighting Procedures:

Wear full protective clothing, including helmet, self-contained, positive pressure or pressure demand breathing apparatus, bunker

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coat and pants, bands around arms, waist and legs, face mask, and protective covering for exposed areas of the head.

NFPA: Health 2

NFPA: Fire 1

NFPA: Reactivity 0

NFPA: Unusual Reaction Hazard none

6 Accidental Release Measures

Personal Precautions:

Refer to other sections of this MSDS for information regarding physical and health hazards, respiratory protection, ventilation,

and personal protective equipment.

Spill Response:

Collect as much of the spilled material as possible.

Methods for Disposal:

Dispose of waste product in a sanitary landfill.

7 Handling and Storage

Storage Requirements:

Not applicable.

Incompatible Materials:

None known.

Ventilation:

No data available.

Fire Prevention:

Not applicable.

8 Exposure Controls/Personal Protection

Personal Protection

Eye Protection:

Not applicable.

Hand Protection:

Not applicable.

Skin Protection:

No data available.

Respiratory Protection:

Under normal use conditions, airborne exposures are not expected to be significant enough to require respiratory protection.

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Ingestion (Prevention):

Not applicable.

Recommended Ventilation:

Not applicable.

Ingredient Exposure Data

BACKING: POLY(VINYL CHLORIDE) (9002-86-2)

Specific Ingredient Data: No data available.

LD50 (rat, oral):: No data available.

LC50 (rat, inhalation/4 hours):: No data available.

Exposure Limits:: No data available.

ADHESIVE: SYNTHETIC RUBBER (Trade Secret)

Specific Ingredient Data: No data available.

LD50 (rat, oral):: No data available.

LC50 (rat, inhalation/4 hours):: No data available.

Exposure Limits:: No data available.

BACKING: PIGMENT (Mixture)

Specific Ingredient Data: No data available.

LD50 (rat, oral):: No data available.
 LC50 (rat, inhalation/4 hours):: No data available.
 Exposure Limits:: No data available.

9 Physical and Chemical Properties

Physical form,Color,Odour:	Solid; Roll of tape; various colours;
Odour Threshold:	No data available.
pH:	Not applicable
Boiling point/boiling range:	Not applicable
Melting point/melting range:	Not available
Vapour pressure:	Not applicable
Water Solubility:	Nil
Partition coefficient (K o/w):	No data available.
Specific gravity:	1.3 - 1.4 Water=1
Vapour density:	Not applicable
Volatile organic compounds:	Not applicable
Evaporation rate:	Not applicable
Viscosity:	Not applicable

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10 Stability and Reactivity

Conditions to Avoid:
 None known.
 Materials to Avoid:
 None known.
 Hazardous Decomposition:
 Carbon monoxide and carbon dioxide;
 Stability and Reactivity:
 Stable. Hazardous polymerization will not occur.

11 Toxicological Information

Effects from Eye Contact:
 Eye contact is not expected to occur during normal use of the product.
 Effects from Skin Contact:
 No adverse health effects are expected from skin contact.
 Effects from Inhalation:
 No health effects are expected.
 Effects from Ingestion:
 Ingestion is not a likely route of exposure to this product. No health effects are expected.
 Sensitization Information:
 No data available.
 Carcinogenicity:
 No data available.
 Mutagenicity:
 No data available.
 Reproductive Effects:
 No data available.

Component Based Information:

No data available.

Product Based Information:

No data available.

Other Effects & Information:

This product, when used under reasonable conditions or in accordance with the 3M directions for use, should not present a health and safety hazard. However, use or processing of the product in a manner not in accordance with the product's directions for use may affect the performance of the product and may present potential health and safety hazards.

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12 Ecological Information

Environmental Data:

Ecotoxicity Data:

No data available.

Ecofate Data:

Other Effects and Information:

No data available. Since regulations vary, consult applicable regulations or authorities before disposal.

13 Disposal Considerations

Product as Sold:

No data available.

Product Packaging:

No data available.

Potential for Recycling:

Reclaim if feasible.

Special Instructions:

Since regulations vary, consult applicable regulations or authorities before disposal.

14 Transportation Information

Transportation of Dangerous Goods

TDG Classification:

Non-Regulated Material

15 Regulatory Information

WHMIS Classification:

Exempt (Manufactured Article)

NOTE:

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

16 Other Information

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YELLOW, GREEN, BLUE, BLACK, ORANGE, RED, BROWN AND
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Reason for Reissue:

The following Sections and topics have been updated or revised:
Section 2 - Composition/Information on Ingredients; Section NOTE
Added TDG Classification

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